

Azeotropic Data - III

Azeotropic Data—III

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Compiled by Lee H. Horsley

The Dow Chemical Co.

Midland, Mich.

ADVANCES IN CHEMISTRY SERIES

116

AMERICAN CHEMICAL SOCIETY

WASHINGTON, D. C. 1973



ADCSAJ 116 1-628 (1973)

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Library of Congress Catalog Card 73-75991

ISBN 8412-0166-8

PRINTED IN THE UNITED STATES OF AMERICA

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FOREWORD

ADVANCES IN CHEMISTRY SERIES was founded in 1949 by the American Chemical Society as an outlet for symposia and collections of data in special areas of topical interest that could not be accommodated in the Society's journals. It provides a medium for symposia that would otherwise be fragmented, their papers distributed among several journals or not published at all. Papers are referred critically according to ACS editorial standards and receive the careful attention and processing characteristic of ACS publications. Papers published in ADVANCES IN CHEMISTRY SERIES are original contributions not published elsewhere in whole or major part and include reports of research as well as reviews since symposia may embrace both types of presentation.

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PREFACE

This volume is a complete revision of Azeotropic Data I and II published as ADVANCES IN CHEMISTRY SERIES No. 6 and No. 35, American Chemical Society. It includes revised data on systems in the original tables plus new data on azeotropes, nonazeotropes, and vapor-liquid equilibria collected since 1962.

No attempt has been made to evaluate the accuracy of the data. Where appreciable differences occur in the data from a single investigator, only the most recent data are recorded. Where differences in values from two different sources occur, both sets of data are recorded. To aid the reader in evaluating data on a given system, however, all references to that system are included.

In general, data have been obtained from the original literature. Where the original literature was not available, data have been taken from *Chemical Abstracts*. In a few instances, data have been taken from collections of azeotropic data in handbooks, review articles, and so forth.

The tables are arranged in the same manner as the previous volumes. This is based on empirical formula as in *Chemical Abstracts* except that all inorganic compounds are listed first, alphabetically by empirical formula.

For a given binary system the lower order component according to empirical formula is chosen as the A-component, and under each A-component the B-components are also arranged according to empirical formula. For ternary and quaternary systems, the same arrangement is used, using the lowest order formula as A-component, the next lowest order as B-component, and so on.

Abbreviations

max. b.p.	Maximum boiling point azeotrope (negative azeotrope)
min. b.p.	Minimum boiling point azeotrope (positive azeotrope)
atm.	Pressure in standard atmospheres
mm.	Pressure in millimeters of Hg
p.s.i.a.	Pressure in pounds per square inch absolute
p.s.i.g.	Pressure in pounds per square inch gage
v-l	Vapor-liquid equilibrium data are given in the original reference
v.p.	Vapor pressure

- vol. % Azeotropic concentration is given in volume per cent. Unless
 so indicated, all concentration data are in weight %
~ Approximate
>, < Greater than, less than

While all volumes in this series, "Azeotropic Data," are collections of data, mostly from the literature, the supplement that was published as No. 35 in the Advances in Chemistry Series included previously unpublished data from industrial files, of which most was from Union Carbide Chemicals Co., assembled by William S. Tamplin. Additional contributions came from Commercial Solvents Corp., Eastman Chemical Products, Inc., Farbenwerke Hoechst, Imperial Chemical Industries Ltd., and Minnesota Mining and Manufacturing Co. These data are continued in the present volume.

Special thanks go to David C. Young for his invaluable work on this volume.

The Dow Chemical Co.
Midland, Mich.
November 1972

LEE H. HORSLEY

**Tables of
Azeotropes and Nonazeotropes**

Table I. Binary Systems

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A = Ar		Argon	-186			
1	CO ₂	Carbon dioxide	-50°-20°C.		Nonazeotrope	v-1 433c
1a	N ₂	Nitrogen	1.36 kg./cm ²		Nonazeotrope	v-1 685c
		"	500-1500 mm.	-195	Nonazeotrope	v-1 395,685
		"	80°-105°K.			v-1 961c
2	O ₂	Oxygen	1.36 kg./cm ²		Nonazeotrope	v-1 685c
		"		-183	Nonazeotrope	v-1 208
		"	1-15 atm.			v-1 686
		"	90°-96°K.			v-1 1007
		"	0-10 atm.		Nonazeotrope	v-1 36
3	C ₅ F ₁₂	Perfluoropentane,	25°C.		Nonazeotrope	v-1 695
A = AgCl		Silver Chloride	1550			
4	Cl ₂ Pb	Lead chloride	954		Nonazeotrope	575
A = AlCl₃		Aluminum Chloride	183			
4a	Cl ₅ Ta	Tantalum chloride	242	235	9.6	v-1 770e
A = AsCl₃		Arsenic Chloride	130			
4b	Cl ₂ OSe	Selenyl chloride	179		Nonazeotrope	v-1 738a
4c	Cl ₃ P	Phosphorus trichloride	0.4-4 atm.		Nonazeotrope	v-1 27f
5	SbCl ₃	Antimony chloride	0.3-4 atm.		Nonazeotrope	v-1 701
6	Cl ₂ Ge	Germanium chloride	86.5		Nonazeotrope	v-1 859,760c
6a	Cl ₄ Sn	Tin tetrachloride	114.1		Nonazeotrope	v-1 700c
A = AsH₃		Arsine	55			
6b	ClH	Hydrochloric acid	-80°C.		Nonazeotrope	v.p. curve 206c
6c	H ₂ S	Hydrogen sulfide	"	- 75	78.5	v-1 206c
		"	"	- 85	78.0	206c
		"	"	- 95	74.7	206c
6d	H ₃ P	Phosphine	-80°C.		Nonazeotrope	v.p. curve 206c
A = BCl₃		Boron Chloride	11.5			
7	B ₂ H ₆	Boron hydride	- 92.5		Nonazeotrope	638
A = BF₃		Boron Fluoride	-100			
8	B ₂ H ₆	Boron hydride	- 92	-106	77.2	638
9	H ₂ O	Water	100 mm.		62	591
		"	100		60	591
		"	1 mm.	46	65	951
10	H ₃ N	Ammonia	- 33	180	80	951
11	CH ₂ O ₂	Formic acid	11 mm.	43	42	951

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	BF₃	Boron Fluoride (<i>continued</i>)	-100			
12	CH ₄ O	Methanol 4 mm.		58	52	951
13	C ₂ H ₅ N	Acetonitrile	81.6	101	62	951
14	C ₂ H ₄ O ₂	Acetic acid 15 mm.		70	47	591
		"	118.1	150	36	591
		" 746 mm.	118	140		951
		" 13 mm.		59	36	951
15	C ₂ H ₄ O ₂	Methyl formate	31.9	91	53	951
16	C ₂ H ₅ ClO	2-Chloroethanol 2 mm.		59	30	943
17	C ₂ H ₆ O	Ethyl alcohol 15 mm.		51	42	951
18	C ₂ H ₆ O	Methyl ether	- 21	127	60	951
19	C ₃ H ₈ O ₂	Ethyl formate	54.1	102	48	951
20	C ₃ H ₈ O ₂	Methyl acetate	57.1	110	48	951
21	C ₃ H ₆ O ₂	Propionic acid 17 mm.		62	31	951
22	C ₃ H ₈ O ₃	Methyl glycolate 3 mm.		60	43	951
23	C ₃ H ₈ O	Ethyl methyl ether	10.8	127	53	951
24	C ₃ H ₈ O	Propyl alcohol 2 mm.		56	36	951
25	C ₃ H ₉ N	Trimethylamine	3.5	230	53	951
26	C ₄ H ₆ O ₂	Crotonic acid 12.5 mm.		81	28	951
27	C ₄ H ₈ O ₂	Butyric acid 11 mm.		64	28	951
28	C ₄ H ₈ O ₂	Ethyl acetate	77.05	119	44	951
29	C ₄ H ₁₀ O	Butyl alcohol 3 mm.		64.5	31	951
30	C ₄ H ₁₀ O	Ethyl ether	34.5	125	48	951
31	C ₅ H ₅ N	Pyridine	115.5	300	46	951
32	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	116	40	951
33	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	127	40	951
34	C ₆ H ₁₄ O	Amyl methyl ether				
		10 mm.		55	40	951
35	C ₆ H ₁₄ O	Isopropyl ether 98 mm.		61	40	951
A =	B₂H₆	Boron Hydride	- 92.5			
36	BrH	Hydrobromic acid	- 67	Nonazeotrope		638
37	ClH	Hydrochloric acid	- 85	- 94	64	638
		" 205 mm.	-106	-115	68	638
38	C ₂ H ₆	Ethane 100-760 mm.	- 88	Nonazeotrope		638
39	C ₄ H ₁₀ O	Ethyl ether				
		25-100 p.s.i.g.		Nonazeotrope	v-1	602
40	C ₆ H ₁₅ B	Triethylborane			v-1	660
		-25 to 25°C.				
A =	BeF₂	Beryllium Fluoride				
40a	FLi	Lithium fluoride				
		900°-1050°C.			v-1	896c
41	FNa	Sodium fluoride				
		509°-1061°C.			v-1	861
A =	BrF₃	Bromine Trifluoride	135			
42	BrF ₅	Bromine pentafluoride		Nonazeotrope	v-1	593
43	Br ₂	Bromine 1760 mm.		75	84.4	275
		" 3800 mm.		100	81.5	275

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A		Ref.
A =	BrF₃	Bromine Trifluoride	135				
		<i>(continued)</i>					
44	FH	Hydrogen fluoride	19.4	Azeotropic			238
45	F ₆ U	Uranium hexafluoride	56	Nonazeotrope			238
A =	BrF₅	Bromine Pentafluoride					
46	FH	Hydrogen fluoride	19.4	20	56		9,238
		" 4 atm.			79		238
47	F ₆ U	Uranium hexafluoride	56	Min. b.p.			
		" 3 atm.			82		238
		" 70°		Nonazeotrope		v-1	597
		" 90°		Nonazeotrope		v-1	597
		" 100 p.s.i.a		Nonazeotrope		v-1	597
					62.5		238
A =	BrH	Hydrobromic Acid	— 73				
48	H ₂ O	Water	100	126	47.5		563
		" 100 mm.		74.12	49.80	}	69,483, 820
		" 500 mm.		112.94	48.19		
		" 900 mm.		129.13	47.40		
		" 1200 mm.		137.34	47.03		
49	H ₂ S	Hydrogen sulfide	480 mm. — 70	— 70	60.5	v-1	915
50	SO ₂	Sulfur dioxide	— 10	Nonazeotrope		v-1	915
A =	Br₂	Bromine	58.9				
51	FH	Hydrogen fluoride	19.4	Azeotropic			238
52	F ₆ U	Uranium hexafluoride	56	Azeotropic			238
53	H ₂ O	Water low Br ₂ conc.				v-1	423
54	I ₂	Iodine	185.3	Nonazeotrope			563
55	CCl ₄	Carbon tetrachloride	735 mm. 76	57.7	89	v-1	908
56	C ₂ Br ₂ F ₄	1,2-Dibromotetrafluoroethane		43	29.8		214
57	C ₂ Cl ₃ F ₃	1,1,2-Trichloro-1,2,2-trifluoroethane	47.6	41	40.8	v-1	909
58	C ₂ Cl ₄ F ₂	1,1,1,2-Tetrachloro-2,2-difluoroethane	91.6	57.8	89.5	v-1	909
59	C ₂ HCl ₃ F ₂	1,2,2-Trichloro-1,1-difluoroethane, 736 mm.	71.1	54.1	73.5	v-1	910
60	C ₂ H ₂ Cl ₂ F ₂	1,1-Dichloro-2,2-difluoroethane, 735 mm.	59	49.6	62	v-1	910
61	C ₃ Cl ₃ F ₅	1,2,2-Trichloro-1,1,3,3,3-pentafluoropropane	72.5	49.1	60.5	v-1	909
62	C ₇ H ₅ F ₃	α,α,α-Trifluorotoluene	103.9	58.1	97	v-1	909
A =	Br₃P	Phosphorus Tribromide	175.3				
63	C _n H _{2n+2}	Paraffin hydrocarbons		Min. b.p.			691
A =	Br₄Sn	Tin Bromide	206.7				
64	I ₄ Sn	Tin iodide	346.0	Nonazeotrope		v-1	778

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	Br ₂ Sn	Tin Bromide (<i>continued</i>)	206.7			
65	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9		Reacts	563
66	C ₁₀ H ₈	Naphthalene	218.1		Nonazeotrope	563
A =	C	Graphite	2300/0.01			
67	MnS	Manganese sulfide			1375/0.01 mm.	753
A =	CClN	Cyanogen Chloride	12.5			
68	HCN	Hydrocyanic acid				
		15 mm.			Nonazeotrope	v-1 332
68a	H ₂ O	Water	100		Nonazeotrope	v-1 40e
A =	CCl ₂ O	Phosgene	8.2			
69	FH	Hydrofluoric acid				
		3000 mm.			21 77	48
70	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.45		Nonazeotrope	575
A =	CF ₂ O	Carbonyl Fluoride				
71	CF ₄ O	Trifluoromethyl hypofluorite	— 94.2	— 97.0	10	448
A =	CHN	Hydrocyanic Acid	26			
72	H ₂ O	Water	100		V.P. curve	563
73	CH ₃ O	Methanol	64.7		Nonazeotrope	563
74	C ₂ H ₄ O ₂	Methyl formate	31.7		24.0 52	575
75	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4		16.5 15	575
76	C ₃ H ₃ N	Acrylonitrile	400 mm.		Nonazeotrope	905
		"	400 mm.			v-1 905c
		"	77.3		Nonazeotrope	905
		"	200–760 mm.		Nonazeotrope	v-1 905f
76a	C ₃ H ₄ O	Acrolein	200–760 mm.		Nonazeotrope	v-1 905f
A =	CO	Carbon Monoxide	—192			
76b	CO ₂	Carbon dioxide	— 78		Nonazeotrope	v-1 433c, 434c
77	CH ₄	Methane -125 to 255°F.			Nonazeotrope	v-1 967
A =	CO ₂	Carbon Dioxide	— 79.1			
78	ClH	Hydrochloric acid	— 82		Nonazeotrope	563
79	Cl ₂	Chlorine	— 37.6		Nonazeotrope	575
80	H ₂	Hydrogen -40 to 25°C				v-1 434
		" 219°–290°K.				v-1 905t
		" 90°–220°K.			ideal	v-1 43c
81	H ₂ O	Water	100		Nonazeotrope	563
82	H ₂ S	Hydrogen sulfide				
		20-80 atm.	— 59.6		Nonazeotrope	v-1 56,57
82a	He	Helium	220°–290°K.			v-1 601c
		"	253°–293°K.		Nonazeotrope	v-1 104c
83	N ₂	Nitrogen —40 to 25°C				v-1 434
84	N ₂ O	Nitrous oxide	— 90.7		Min. b.p.	v-1 829
85	O ₂	Oxygen —40 to 25°C				v-1 434
		" — 5.0°–10°C.				v-1 289c

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CO ₂	Carbon Dioxide (<i>continued</i>)	— 79.1			
86	SO ₂	Sulfur dioxide	— 10	Nonazeotrope		563
87	CS ₂	Carbon disulfide	46.2	Nonazeotrope		563
88	CH ₃ Cl	Chloromethane	— 23.7	Nonazeotrope		499
88a	CH ₄	Methane	—161	Nonazeotrope	v-l	434c
89	C ₂ H ₂	Acetylene	— 84	Nonazeotrope	v-l	829
		" Crit. press.		Nonazeotrope	v-l	829
90	C ₂ H ₄	Ethylene	<4 atm.	Nonazeotrope	v-l	829
		" 12 atm.			28.9 v-l	829
		" Crit. press.			51 v-l	829
91	C ₂ H ₅ Cl	Chloroethane	12.4	Nonazeotrope		559
92	C ₂ H ₆	Ethane	— 93	Max. v.p. mixture		499
		Ethane	— 88.6		59.5 v-l	829
		" Crit. press.			77.5 v-l	829
		"			77.2 v-l	453
93	C ₂ H ₆ O	Methyl ether	— 23.65	Nonazeotrope		575
93a	C ₃ H ₆	Propylene	0°C.		v-l	1042e
		" — 43.5°C.			v-l	1042e
A =	ClF ₃	Chlorine Trifluoride				
94	ClH	Hydrogen chloride	— 85	Reacts		9
95	FH	Hydrogen fluoride	19.4	Azeotropic		238
		" 1183 mm.		20	93 v-l	237
		" 90 p.s.i.g.			94.5	238
		" 125 p.s.i.g.			94	238
		" 143 p.s.i.g.			93.8	238
		" 148 p.s.i.g.			93.7	238
96	F ₆ U	Uranium hexafluoride	56	Nonazeotrope	v-l	235,238
		" 2600 mm.		Nonazeotrope	v-l	29c
A =	ClH	Hydrogen Chloride	— 85			
97	Cl ₂	Chlorine	350 mm.	— 44	Nonazeotrope	9
98	Cl ₄ Ge	Germanium tetrachloride	86.5		79.8 v-l	10
99	H ₂ O	Water	50 mm.		48.724 23.42	} 70,118, 483,821
		" 250 mm.			81.205 21.883	
		" 760 mm.	100		108.584 20.222	
		" 1220 mm.			122.98 19.358	
		" 100 p.s.i.g.	169		177 14.8	
		" 520 p.s.i.g.	244		250 6.5	
		" 860 p.s.i.g.	275		280 2.8	
		" 1360 p.s.i.g.	306		310 0.6	
		" 1815 p.s.i.g.	328		330 0.1	
100	SO ₂	Sulfur dioxide	— 10	Nonazeotrope at —35°C.		915
101	CH ₃ O	Methanol	64.7	Max. b.p.		215
102	C ₂ H ₆	Ethane	48 atm.	15	56	563
		"		25.4	59	563
103	C ₂ H ₆ O	Methyl ether	— 22	— 2	38	295
		"		Azeotropic to critical point		500
		"	— 23.65	— 1.5	60	563
104	C ₆ H ₇ N	Aniline	184.35	244.8	~27.5	563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	ClHO₄	Perchloric Acid	110			
105	H ₂ O	Water	100	203	71.6	563
A =	Cl₂	Chlorine	— 34.6			
106	FH	Hydrogen fluoride				
		350 mm.	3.0	— 47	92	9
		"	19.4	— 35		9
107	H ₂ O	Water	100	Nonazeotrope		563
108	SO ₂	Sulfur dioxide				
		400–760 mm.				
		"	— 9.7	— 34.7	89	v-l 326c
		"	7 atm.	18	80	134
		"	20 atm.	57.5	75.5	134
A =	Cl₂Cu	Cupric Chloride				
109	Cl ₂ Pb	Lead chloride	954	Min. b.p.		575
110	Cl ₂ Zn	Zinc chloride	732	Min. b.p.		575
A =	Cl₂OSe	Selenyl Chloride	179			
110a	Cl ₄ Sn	Tin tetrachloride	114	Nonazeotrope		v-l 738a
A =	Cl₂O₂S	Sulfuryl Chloride	69.1			
111	Cl ₂ OP	Phosphorus oxychloride	107.2	96.5/0°C.		575
112	CCl ₄	Carbon tetrachloride	76.75	Nonazeotrope		v-l 991
113	C ₆ Cl ₆	Hexachloroethane	184.8	Nonazeotrope		v-l 991
114	C ₂ H ₂ Cl ₄	1,1,2,2-Tetra- chloroethane	146.2	Nonazeotrope		v-l 991
115	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.45	Nonazeotrope		v-l 991
A =	Cl₂Pb	Lead Chloride	954			
116	Cl ₂ Zn	Zinc chloride	732	Nonazeotrope		575
A =	Cl₆S₂	Sulfur Monochloride	138			
116a	CHCl ₃ S	Perchloromethyl mercaptan 15–150 mm.		Nonazeotrope		v-l 668h
A =	Cl₃Fe	Ferric Chloride	315			
116b	Cl ₃ HSi	Trichlorosilane	32	Nonazeotrope		v-l 66c
116c	Cl ₄ Si	Silicon tetrachloride	56.9	Nonazeotrope		v-l 66c
A =	Cl₃HSi	Trichlorosilane	32			
116d	Cl ₃ OP	Phosphorus oxychloride 300–1520 mm.		Nonazeotrope		v-l 522c
117	Cl ₃ P	Phosphorus trichloride	76	Nonazeotrope		v-l 522, 66c,229c
118	CCl ₄	Carbon tetrachloride	76.75	Nonazeotrope		v-l 67
118a	C ₂ H ₅ Cl ₂ O	Bis-2-chloroethyl ether	178.5	Nonazeotrope		v-l 521c
118b	C ₆ H ₈ O ₂	Dioxane	101.1	Nonazeotrope		v-l 522e
119	C ₆ H ₆	Benzene 30°–40°C.		Nonazeotrope		718e
				b.p. curve		718e
120	C ₆ H ₁₄ O	Isopropyl ether	69	Nonazeotrope		v-l 700
121	C ₆ H ₁₄ O	Propyl ether	85	Nonazeotrope		v-l 521
122	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		v-l 699
123	C ₁₀ H ₂₂ O	Amyl ether	185	Nonazeotrope		v-l 521
124	C ₁₀ H ₂₂ O	Isoamyl ether	170	Nonazeotrope		v-l 521

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A = Cl₃OP	Phosphorus	Oxychloride	107.2			
125	Cl ₃ OV	Vanadium oxychloride	126.5	Nonazeotrope	v-l	702
125a	Cl ₃ P	Phosphorus trichloride	76	Nonazeotrope	v-l	412c
126	Cl ₄ Ti	Titanium tetrachloride	136.5	143.2	46.6	v-l 702
126a	CH ₃ Cl ₃ Si	Trichloromethylsilane	66.4	Nonazeotrope	v-l	450c
126b	C ₆ Cl ₆	Hexachlorobutadiene		Nonazeotrope	v-l	68f
A = Cl₃OV	Vanadium	Oxychloride	126.5			
126c	Cl ₄ Ge	Germanium tetrachloride	83.5	Nonazeotrope		718e
				b.p. curve		718e
126d	Cl ₄ Si	Silicon tetrachloride	56.8	Nonazeotrope		718e
				b.p. curve		718e
126e	Cl ₄ Sn	Tin tetrachloride	113.8	Nonazeotrope		718e
				b.p. curve		718e
127	Cl ₄ Ti	Titanium tetrachloride	136.5	Nonazeotrope	v-l	702,1075
		"	136	b.p. curve		718e
127a	Cl ₄ V	Vanadium tetrachloride	153	Nonazeotrope		718c
				b.p. curve		718c
127b	CCl ₄	Carbon tetrachloride	76.5	Nonazeotrope		718c
				b.p. curve		718e
A = Cl₃P	Phosphorus	Trichloride	76			
128	Cl ₄ Si	Silicon tetrachloride	56.7	Nonazeotrope	v-l	63,522,66c
128a	CH ₃ Cl ₃ Si	Trichloromethylsilane	66.4	Nonazeotrope	v-l	328c,450c
129	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		693
130	C ₆ H ₁₄	Hexane	68.8	68.7	8 vol. %	691
131	C ₇ H ₁₆	2,2-Dimethylpentane	79.1	Min. b.p.		691,693
132	C ₇ H ₁₆	2,3-Dimethylpentane	89.8	74.5	98.8 vol. %	691
133	C ₇ H ₁₆	2,4-Dimethylpentane	80.5	74.2	73	691
134	C ₇ H ₁₆	2,2,3-Trimethylbutane	80.9	74.5	77	691
A = Cl₃Sb	Antimony	Chloride				
135	C _n H _{2n+2}	Paraffins	200-220	Min. b.p.		196,938
136	C _n H _{2n-6}	Aromatics	200-220	Nonazeotrope		196,938
A = Cl₄Ge	Germanium	Tetrachloride	86.5			
136a	Cl ₄ Si	Silicon tetrachloride	56.9	Nonazeotrope	v-l	205c
136b	CCl ₄	Carbon tetrachloride	75.9	Nonazeotrope	v-l	205c
136c	CHCl ₃	Chloroform	61	Nonazeotrope	v-l	205c
136d	CH ₂ Cl ₂	Dichloromethane	41.5	Nonazeotrope	v-l	205c
136e	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57.4	Nonazeotrope	v-l	205c
136f	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.45	Nonazeotrope	v-l	205c
136g	C ₂ H ₆ Cl	Chloroethane	13	Nonazeotrope	v-l	205c
A = Cl₄Si	Silicon	Tetrachloride	56.9			
137	Cl ₄ Ti	Titanium tetrachloride	136.5	Nonazeotrope	v-l	575,987
138	CCl ₄	Carbon tetrachloride	76.75	Nonazeotrope	v-l	987,1031
139	CHCl ₃	Chloroform	61	55.6	70	844
140	CH ₃ SiCl ₃	Methyl trichloro- silane, 20°-66°		Nonazeotrope, v.p. curve		485
141	CH ₃ NO ₂	Nitromethane	101	53.8	94	841
142	CH ₃ SiCl ₂	Methyl dichloro- silane, 20°-66°		Nonazeotrope, v.p. curve		485

No.	B-Component		Azeotropic Data				
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.	
A =	Cl₄Si	Silicon Tetrachloride	56.9				
		<i>(continued)</i>					
143	C ₂ H ₃ N	Acetonitrile	81.5	49.1	90.4	v-1 484	
		"	82	49.0	90.6	841,843	
144	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57.4	52.7	63.5	844	
145	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7	Azeotropic?		844	
146	C ₃ H ₃ N	Acrylonitrile	79	51.2	89	841,843	
147	C ₃ H ₅ N	Propionitrile	97	55.6	92	841	
148	C ₃ H ₉ SiCl	Chlorotrimethylsilane		Azeotrope composition independent of pressure			
		"	57.5	54.7	64.8	840,843 841	
		" 2247 mm.		90	66.2	484	
		" 760 mm.	57.7	54.5	64.8	v-1 484	
		" 83 mm.		0	58.8	484	
		" 17 mm.		30.0	55.1	484	
148a	C ₄ H ₉ Cl ₂ O	Bis-2-chloroethyl ether	178.5	Nonazeotrope		v-1 521c	
		"		b.p. curve		886c	
148b	C ₄ H ₉ O ₂	Dioxane	101.1	Nonazeotrope		v-1 522e	
149	C ₆ H ₁₄	3-Methylpentane	63.3	Nonazeotrope		844	
150	C ₆ H ₁₄	2-Methylpentane	60.4	Nonazeotrope		844	
151	C ₆ H ₁₄ O	Isopropyl ether	69	Nonazeotrope		v-1 700	
151a	C ₆ H ₁₄ O	Propyl ether	91	Nonazeotrope		v-1 521c	
152	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		v-1 699	
152a	C ₁₀ H ₂₀ O	Isoamyl ether	173	Nonazeotrope		v-1 521c	
152b	C ₁₀ H ₂₀ O	Amyl ether	190	Nonazeotrope		v-1 521c	
A =	Cl₄Sn	Tin Chloride	113.85				
153	Cl ₄ Ti	Titanium chloride	136	Nonazeotrope		575	
154	CCl ₄	Carbon tetrachloride	76.8	Nonazeotrope		v-1 124	
155	C ₃ H ₅ ClO	Epichlorohydrin	116.45	Reacts		563	
156	C ₅ H ₅ N	Pyridine	115.5	Reacts		563	
157	C ₆ H ₆	Benzene	80.2	Nonazeotrope		563	
158	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575	
159	C ₈ H ₁₂ O ₂	Ethylbutyrate	119.9	Reacts		563	
160	C ₇ H ₈	Toluene	110.7	109.15	52	563	
161	C ₇ H ₁₄	Methylcyclohexane	101.15	<100.8	>15	562	
		"	101.1	Nonazeotrope		545	
162	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		575	
163	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	112.5	80	562	
164	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	107.5	40	548,575	
165	C ₈ H ₁₈	Octane	125.75	<113.2	>80	545,562	
		"	125.7	Nonazeotrope		v-1 124	
A =	Cl₄Ti	Titanium Chloride	136				
166	CCl ₄	Carbon tetrachloride	76.75	Nonazeotrope		v-1 575,987,1076	
167	CS ₂	Carbon disulfide	46.25	Nonazeotrope		v-1 987	
167a	CH ₃ Cl ₃ Si	Trichloromethylsilane	66.4	Nonazeotrope		v-1 522g	
168	C ₂ Cl ₄ O	Trichloroacetyl chloride	118	Nonazeotrope		v-1 868,869,1075	

TABLE I. *Binary Systems*

No.	Formula	B-Component		Azeotropic Data			
		Name	B.P., °C	B.P., °C	Wt.% A		Ref.
A =	Cl,Ti	Titanium Chloride	(continued) 136				
169	C ₂ H ₂ Cl ₂ O	Chloroacetyl chloride	106	105	20	v-1	868
		"	105	Nonazeotrope		v-1	869
170	C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane,	740 mm. 146.6	135.4	91.7	v-1	115
A =	Cu	Copper	2310				
171	Pb	Lead	1525	Azeotropic			575
172	Sn	Tin	2275	Max. b.p.			563
A =	DH	Deuterium Hydride					
173	D ₂	Deuterium, 18°-28°K.	-249.7	Nonazeotrope		v-1	696
174	H ₂	Hydrogen, 18°-28°K.	-252.7	Nonazeotrope		v-1	696
A =	D₂	Deuterium	-249.7				
175	H ₂	Hydrogen, 18°-28°K.	-252.7	Nonazeotrope		v-1	696
A =	D₂O	Deuterium Oxide					
176	H ₂ O	Water		221	53		1055
		Azeo. comp. varies from 0-100% H ₂ O from 220-222°C.					1055
		Nonazeo. below 220°C					
A =	FH	Hydrogen Fluoride	19.4				
177	F ₅ Sb	Antimony pentafluoride	142.7	Nonazeotrope		v-1	870
178	F ₆ U	Uranium hexafluoride					
		" 85 p.s.i.g.			22		238
		" 110 p.s.i.g.			18		238
		" 132 p.s.i.g.			15		238
		" 145 p.s.i.g.			14		238
179	H ₂ O	Water	100	111.35	35.6	} 289,820	" "
		"		B.p. curve			
		" 750 mm.	100	112.0	38.26	v-1	670
180	SO ₂	Sulfur dioxide	- 10	Nonazeotrope		v-1	433
		" 2280 mm.	28	Nonazeotrope		v-1	433
181	CCl ₂ F ₂	Dichlorodifluoromethane		20	8		
		" 150 p.s.i.g.	48	(Under pressure)			48
		"		39	7.5		981
182	CHClF ₂	Chlorodifluoromethane	70 p.s.i.g.	< 7	3		981
		" 150 p.s.i.g.	29	24	2.7		981
		" 230 p.s.i.g.	45	36	2.8		981
		"			1-2.2		48
183	C ₂ HF ₃ O ₂	Trifluoroacetic acid		Nonazeotrope		v-1	659
184	C ₄ H ₁₀	Butane	0	Min. b.p.			291,325
185	C ₄ H ₁₀	2-Methylpropane	- 10	Min. b.p.			291,325
186	C ₄ H ₁₀ O	Ethyl ether	34.5	74	40		135
A =	F₅Sb	Antimony Fluoride	319				
187	F ₅ Sb	Antimony pentafluoride	155	390	62		563
		"	155	384	80		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A = F₅Nb	Niobium Pentafluoride					
187a	F ₅ U	Uranium hexafluoride 5.9 atm.		Nonazeotrope	v-1	756c
A = F₆S	Sulfur Hexafluoride					
188	C ₅ F ₁₂	Perfluoropentane, 25°C.		Nonazeotrope	v-1	695
A = F₈U	Uranium Hexafluoride		56			
188a	F ₈ W	Tungsten hexafluoride 1520–2600 mm.		Nonazeotrope	v-1	768c
188b	C ₂ Cl ₂ F ₄	1,2-Dichlorotetrafluoroethane 2600 mm.		Nonazeotrope	v-1	131c
A = F₆W	Tungsten Hexafluoride		25/1019; 45/1982 mm.			
189	C ₅ F ₁₀	Perfluorocyclopentane	25/833	25/1035	85.4	v-1 819
		"	45/1642	45/2010	83.4	v-1 819
190	C ₅ F ₁₂	Perfluoropentane, 1140 mm.	40.86	28.11	93.2	v-1 41
A = HI	Hydriodic Acid		— 34			
191	H ₂ O	Water 744 mm.	100	127	57	483,820
				18	60.5	820
				100	58.2	820
192	H ₂ S	Hydrogen sulfide 60°C.		Nonazeotrope/	v-1	915
A = HNO₃	Nitric Acid		86			
193	H ₂ O	Water 735 mm.	100	120.5	68	820
		" 75 mm.			66.7	820
		" 1200 mm.			68.7	820
		" 7 mm.		25	66.2	v-1 278
		" 30 mm.				v-1 629c
		" 50 mm.				v-1 629c
		" 100 mm.				v-1 629c
		" 50 mm.	37	57.8	65.8	v-1 72
		" 100 mm.	51.6	72.4	66.0	v-1 72
		" 200 mm.	66.5	86.4	66.4	v-1 72
		" 400 mm.	83.0	103.2	66.8	v-1 72
		" 760 mm.	100	120.7	67.4	v-1 72
		<i>See also H₂O-N₂O₅ below</i>				
194	CHCl ₃	Chloroform	61	47.5	15	738
A = HO₃Re	Rhenic Acid					
194a	H ₂ O	Water	100	Nonazeotrope	v-1	68c
A = H₂	Hydrogen		—252.7			
194b	He	Helium 14°–15.5°K.				v-1 342c
		" 15.5°–29.8°K.				v-1 900c
195	Ne	Neon			28.6	v-1 927
		" 0-26 atm.		Azeotropic		v-1 372
				26°K	33	v-1 372
				30°K	27.2	v-1 372

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂	Hydrogen (<i>continued</i>)	—252.7			
195a	C ₂ H ₄	Ethylene	—104	Nonazeotrope	v-l	386m
A =	H ₂ O	Water	100			
196	H ₂ O ₂	Hydrogen peroxide	152.1	Nonazeotrope	v-l	326
		"			v-l	281
197	H ₂ SO ₄	Hydrogen sulfate		330	1.7	981
		" 200 mm.			1.6	981
198	H ₂ S	Hydrogen sulfide	— 63.5	Nonazeotrope		563
199	H ₃ N	Ammonia	— 33.5	Nonazeotrope		563
200	H ₄ N ₂	Hydrazine	113.5	120	28.5	563
		"	113.5	120	30	402
		" 20-760 mm.				v-l 986
		" 124.8 mm.	66.8	74.2	33.2	v-l 107
		" 281.8 mm.	86.5	93.3	32.3	v-l 107
		" 411.2 mm.	96.8	103.6	31.0	v-l 107
		" 560.4 mm.	105.2	111.3	31.4	v-l 107
		" 700.6 mm.	111.7	117.6	32.6	v-l 107
		" 760 mm.	113.8	120	32.3	v-l 107
201	N ₂ O ₅	Nitrogen pentoxide		Max. b.p.	40	v-l 588
		"		Min. b.p.	14.3	588
		"		Max. b.p.	12.5	588
202	O ₂ S	Sulfur dioxide	— 10	Nonazeotrope		563
203	O ₃ S	Sulfur trioxide	47	338	~ 19	563
		"			17.2	820
204	O ₁₀ P ₄	Phosphorus pentoxide	104 mm.	694	8.9	954
		" 753 mm.		869	7.9	954
205	CCl ₄	Carbon tetrachloride	76.75	66	4.1	215,689
		"	75.9	66	4	623c
206	CS ₂	Carbon disulfide	46.25	42.6	2.8	201,606
207	CHCl ₃	Chloroform	61	56.1	2.8	171,803,1000
208	CH ₂ Cl ₂	Dichloromethane	43.5	38.1	1.5	36,620
209	CH ₂ O	Formaldehyde	— 21	Nonazeotrope	v-l	756
210	CH ₂ O ₂	Formic acid	100.75	107.2	22.6	803
		"			22.5	260
		" 45 p.s.i.a.		139	15	260
		" 175 mm.		63	35	260
		" 15 mm.			40	260
		" 40-760 mm.				v-l 145
		"	100.75	107.65	25.5	v-l 171,649,1058
		"	100.7	107.6	22.3	112
		" 50 mm.				v-l 507c
211	CH ₃ NO ₂	Nitromethane	101.2	83.59	23.6	v-l 168,285,806,857
		"				v-l 856c
212	CH ₃ NO ₃	Methyl nitrate	64.8	< 61.5	< 16	560

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
213	CH ₃ O	Methanol 0-150 p.s.i.g.		Nonazeotrope v-l data		728 198,483,728,1046
214	CH ₃ N	Methylamine	— 6	Nonazeotrope		575
215	CH ₆ N ₂	Methylhydrazine	88	105.2	52.7	402
216	C ₂ Cl ₃ F ₃	1,1,2-Trichlorotrifluoroethane	47.5	44.5	1.0	981
217	C ₂ Cl ₄	Tetrachloroethylene	121	88.5	17.2	981
		"	121	87.7	15.8	466
218	C ₂ HCl ₃	Trichloroethylene	86.2	73.4	7.02	497
		"	86.2-86.6	73.6	5.4	337,803
219	C ₂ HCl ₃ O	Chloral	97.75	95	7	813
220	C ₂ HCl ₅	Pentachloroethane	162.0	95.9		575
221	C ₂ HF ₃ O ₂	Trifluoroacetic acid		105	21	659
222	C ₂ H ₂ Cl ₂	<i>cis</i> -1,2-Dichloroethylene	60.2	55.3	3.35	148
223	C ₂ H ₂ Cl ₂	<i>trans</i> -1,2-Dichloroethylene	48.35	45.3	1.9	148
224	C ₂ H ₃ - Cl ₂ NO ₂	Methyl <i>N,N</i> -dichlorocarbamate		93	50 vol. %	14Z
225	C ₂ H ₃ Cl ₃	1,1,2-Trichloroethane	113.8	86.0	16.4	981
226	C ₂ H ₃ N	Acetonitrile	81.6		16.5	v-l 997f
		10 mm.	— 15	< -16	2.6	983
		" 50 mm.	13	< 12	5.8	983
		" 760 mm.	80.1	76.5	16.3	983
		"	81.5	76.0	14.2	v-l 173,583,
		" 300 mm.	54.4	51.1	10.5	v-l } 727,763,
		" 150 mm.	36.7	34.1	7.2	v-l } 959
		"	81.5	76	14.2	v-l 58
		" 750 mm.		76.1	15.85	700
		"		76.2	17.1	997c
		" 100-3168 mm.		% H ₂ O increases with pressure		v-l 150,742
227	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.5	72.28	9.2	112
		"	83.5	71.6	8.2	981
		"		75.5	8.2	806
		" 150 mm.		33.5	4.9	806
		" 75 mm.		19.0	4.9	806
		"	84	72	7.9	33,357
228	C ₂ H ₁ Cl ₂ O	Bis(chloromethyl) ether	106	Min. b.p.		723
229	C ₂ H ₄ O	Acetaldehyde	20.2	Nonazeotrope	v-l	167
		" 5 atm.		Nonazeotrope	v-l	41c
230	C ₂ H ₄ O	Ethylene oxide	10	Nonazeotrope	v-l	167,980
231	C ₂ H ₄ O ₂	Acetic acid	50 mm.	Nonazeotrope	v-l	507e
		"	118	Nonazeotrope	v-l	171,483,901
232	C ₂ H ₄ O ₂	Methyl formate	31.9	Nonazeotrope		359

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H_2O	Water (<i>continued</i>)	100			
233	C_2H_5Br	Bromoethane	38.4	37	1.3 vol.	820
234	C_2H_5BrO	2-Bromoethanol				
		150 mm.	100	58	55.7	215
235	C_2H_5ClO	2-Chloroethanol				
		50 mm.	60	37.1	60.2	981
		" 100 mm.	75	51.1	59.3	981
		" 748 mm.	128.7	97.75	58	38,76,462
		" 50 mm.		35—36	60	38,76,462
		" 200 mm.		65.46	58.6	481a
		" 200—760 mm.			56 v-l	1c
236	C_2H_5I	Iodoethane	70	66	3—4 vol.	754
237	C_2H_5IO	1-Iodo-2-ethanol	176	98.7	77	215
238	C_2H_5NO	Acetamide	221.2	Nonazeotrope		529
239	C_2H_5NO	N-Methylformamide				
		200 mm.		Nonazeotrope	v-l	373
		500 mm.		Nonazeotrope	v-l	373
240	$C_2H_5NO_2$	Nitroethane	114.07	87.22	28.5	168,806
241	$C_2H_5NO_3$	Ethyl nitrate	87.68	74.35	22	538
241a	C_2H_6	Ethane crit. region			v-l	190c
242	C_2H_6O	Ethyl alcohol	78.3	78.174	4.0	34,131, 337,706,803,1046
				Effect of pressure		471,1001
		" 150°-350°C.			v-l	42
		" 250-2500 mm.			v-l	719
243	C_2H_6SO	Dimethyl sulfoxide		Nonazeotrope		v-l 671
244	$C_2H_6O_2$	Ethylene glycol		Nonazeotrope		v-l 183,201,529
		76-760 mm.				
245	$C_2H_6SO_4$	Methyl sulfate	189.1	98.6	73	575
246	C_2H_7N	Dimethylamine	7.3	Nonazeotrope		575
247	C_2H_7N	Ethylamine	16.55	Nonazeotrope		575
248	C_2H_7NO	2-Aminoethanol	170.5	Nonazeotrope		981
		" 100 mm.	112	Nonazeotrope		981
249	$C_2H_8N_2$	1,1-Dimethylhydrazine	102 mm.			
		"		Max. b.p.	82.5	132
		"		Nonazeotrope		132
250	$C_2H_8N_2$	1,2-Ethylenediamine	116		18.0 v-l	215
		"	116	118.5	20 v-l	386c
		" 1.77 atm.		Nonazeotrope		v-l 386c
		" >3400 mm.		Nonazeotrope		215
		"	116.9	119	18.4	981
		"	116	118	20-25	173
251	$C_3HF_5O_2$	Pentafluoropropionic acid		109	10	659

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	H₂O	Water (continued)	100			
251a	C ₃ H ₂ F ₆ O	1,1,1,3,3,3-Hexafluoro-2-propanol 100–300 mm.		Nonazeotrope	v-1	674c
252	C ₃ H ₃ N	Acrylonitrile	77.2	70.6	14.3	981
		"		70	13	959
		"	77.3	71	12	215
		"			12.7	v-1 997c
		" 200 mm.		33	9.0	v-1 905i
		" 400 mm.		52.1	10.5	v-1 905i
		"	77.3	70.9	12.0	v-1 905i
253	C ₃ H ₃ NS	Thiazole 695.5 mm.		90	34.8	v-1 653
		" 750 mm.	111.5	92.1	35.3	v-1 653
254	C ₃ H ₄ O	Acrolein	52.8	52.4	2.6	981
		" 200 mm.		18.35	1.28	v-1 469
		" "		18.6	1.02	v-1 905i
		" 400 mm.		34.4	1.74	v-1 905i
		"	52.5	52.3	2.48	v-1 905i
255	C ₃ H ₄ O	Propargyl alcohol	113	96	65	172
		"	115	97	54.5	264
		"				v-1 885
256	C ₃ H ₄ O ₂	Acrylic acid 90 mm.	84	Nonazeotrope	v-1	157
		"	141.2	Nonazeotrope		981
		" 750 mm.		99.85	99.6	v-1 301c
		"		% acid increases with pressure		301c
257	C ₃ H ₄ O ₃	Ethylene carbonate		Nonazeotrope		981
258	C ₃ H ₅ Cl	3-Chloropropene	44.9	43.0	2.2	981
259	C ₃ H ₅ Cl	Methylvinyl chloride		33	0.9	981
260	C ₃ H ₅ ClO	1-Chloro-2-propanone	121	Min. b.p.		723
261	C ₃ H ₅ ClO	α-Chloropropionaldehyde	86	80.5-81		712
262	C ₃ H ₅ ClO	Epichlorohydrin	115.2	88.5	26	980
		"	117	88	25	265
263	C ₃ H ₅ ClO ₂	Methyl chloroacetate	131.4	92.7	36.15	121
264	C ₃ H ₅ I	3-Iodopropene	102.0	80.7	10	563
265	C ₃ H ₅ N	Propionitrile	97	81.5-83	24	959
266	C ₃ H ₅ NO	Hydracrylonitrile	229.7	Nonazeotrope		981
267	C ₃ H ₆ Cl ₂	1,2-Dichloropropane	97	78	12	333
268	C ₃ H ₆ Cl ₂ O	2,3-Dichloro-1-propanol	183.8	99.4	87	981
269	C ₃ H ₆ O	Acetone	56.1	Nonazeotrope	v-1	726
		" 50 p.s.i.a.		Nonazeotrope	v-1	726
		" 100 p.s.i.a.		125.4	5.2	v-1 726
		" 200 p.s.i.a.		157.6	7.2	v-1 726
		" 250 p.s.i.a.		168.4	9.4	v-1 726
		" 500 p.s.i.a.		206.0	14.3	v-1 726
		" 0-35 p.s.i.g.		Nonazeotrope		} 371,728, 803,854
		" 85 p.s.i.g.	125.1	124.1	3	
		" 0-185 p.s.i.g.			v-1	

No.	Formula	B-Component		Azeotropic Data			
		Name	B.P., °C	B.P., °C	Wt.% A	Ref.	
A =	H ₂ O	Water (<i>continued</i>)	100				
270	C ₃ H ₈ O	Allyl alcohol	96.90	88.89	27.7	v-1	358,875, 1004,1024
		“ “		89.14	29.2	v-1	338
		“ “ 752 mm.	96.90			v-1	364
271	C ₃ H ₆ O	Propionaldehyde	47.9	47.5	2		981
		“		47.5	2.5		227
272	C ₃ H ₆ O	Propylene oxide	35	Nonazeotrope		v-1	183
		“	34.1	33.8	1.0		575
		“	35	Nonazeotrope			215
		“ 60 p.s.i.g.	88	86.5	0.2	v-1	980
		“ 30 p.s.i.g.	69	69	0.1	v-1	980
		“	34	Nonazeotrope		v-1	980
273	C ₃ H ₆ O ₂	1,3-Dioxolane	75	70-73	6.7		344
		“	75.6	71.9	7		344,981, 148a
274	C ₃ H ₆ O ₂	Ethyl formate	54.2	52.6	5		981
		“ “	54.1	Nonazeotrope			359
275	C ₃ H ₆ O ₂	Methoxyacetaldehyde,					
		“ 770 mm.	92.3	88.8	20		216
		“ 770 mm.	92	88.5	12.8		217
276	C ₃ H ₆ O ₂	Methyl acetate,					
		“ <10 p.s.i.a		Nonazeotrope			366
		“	56.3	56.1	5		981
		“ 265 mm.	30	30	1.5		981
		“	57	56.4	3.2-3.7		303
		“	57	Nonazeotrope			359
		“	57	56.5		v-1	633
		“		55.8	2.6		36g
277	C ₃ H ₆ O ₂	Propionic acid	141.4	99.1	82.2	v-1	483,722, 563
		“	141.1	99.2	83.7	v-1	26,190
		“		99.9	82.3	v-1	812
		“ 400 mm.		82.9	83.9	v-1	812
		“ 200 mm.		66.3	85.5	v-1	812
		“ 100 mm.		Nonazeotrope		v-1	812
		“ 149.8 mm.		60.0	85	v-1	80
		“ 92.6 mm.		50.0	90.0	v-1	80
		“ 55.3 mm.		40.0	94.5	v-1	80
278	C ₃ H ₆ O ₃	Methyl carbonate	90.25	77.5	11		575
279	C ₃ H ₆ O ₃	Trioxane	114.5	91.4	30		1003
		“ 754.5 mm.	113.82	91.32	30.1	v-1	867,225c
279a	C ₃ H ₇ Br	1-Bromopropane	71.0	63.2	4.0		498i
280	C ₃ H ₇ Cl	1-Chloropropane	46.6	44	2.2		981
		“	46.4	43.4	1.0		215
281	C ₃ H ₇ Cl	2-Chloropropane	36.5	33.6	1.2		215
		“	36.5	35.0	1		981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
282	C ₃ H ₇ ClO	1-Chloro-2-propanol	127		49	130
		"	127.4	95.4	45.8	128
		743 mm.		96	50.9	462
283	C ₃ H ₇ ClO	2-Chloro-1-propanol	133.7	96	50.9	575
284	C ₃ H ₇ N	Allylamine	52.9	Nonazeotrope		878
285	C ₃ H ₇ NO	Dimethylformamide	153	Nonazeotrope		v-1 207
		" 50-760 mm.		Nonazeotrope		v-1 655
		" 500 mm.	138	Nonazeotrope		981
		" 200-760 mm.		Nonazeotrope		v-1 934
286	C ₃ H ₇ NO	Propionamide	222.1	Nonazeotrope		535
287	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		575
288	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		575
289	C ₃ H ₇ NO ₂	1-Nitropropane	131.18	91.63	36.5	168,806
290	C ₃ H ₇ NO ₂	2-Nitropropane	120.25	88.55	29.4	168,806
291	C ₃ H ₇ NO ₃	Propyl nitrate	110.5	84.8	25	538,560
292	C ₃ H ₈ O	Isopropyl alcohol	82-82.3	80.3	12.6	v-1 164,525, 834,857
		"				1046
		" 67 mm.		30	12	v-1 979c
		" 153 mm.		45	12	v-1 979c
		" 319 mm.		60	12	v-1 979c
		" 95 mm.		36	13	v-1 1027
		" 190 mm.		49.33	12.8	v-1 1027
		" 380 mm.		63.90	12.6	v-1 1027
		" 760 mm.	82.5	80.10	12.0	v-1 1027, 1042g
		" 3087 mm.		120.45	11.7	v-1 1027
		" 150°-300° C.				v-1 42
		"		Evaporation data		577
		"		Effect of dissolved salt		
		"		80.3		v-1 764
		"				1042
293	C ₃ H ₈ O	Propyl alcohol,				
		" 47 mm.			31.8	322
		" 200 mm.		56.68	29.6	v-1 674,890
		" 400 mm.		71.92	29.0	v-1 890
		" 600 mm.		81.68	28.5	v-1 890
		"		87.65	28.3	v-1 890
		"		In 1.5M CaCl ₂ Solution		v-1 209
		" 740 mm.	97.3	87	28.3	584
		" 1790 mm.		110	27.8	584
		" 2830 mm.		124	27.5	584
		" 3860 mm.		135	27.2	584
		" 5930 mm.		151	26.7	584
		"	97.3	87.76	29.1,	v-1 285,483, 760,1046

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H₂O	Water (continued)	100			
294	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	99.9	77.8	129,556
		“ 100 mm.		51.5	80.5	v-l 421
		“ 752 mm.		99.2	81	v-l 421
		“ 150 mm.	79.2	Nonazeotrope		981
		“ 760 mm.	124.6	99.9	84.7	981
		“ 100 p.s.i.g.	212	169	73.3	981
		“ 750 mm.		99.5	80.0	311
		“ 268 mm.		71	88	311
		“ 212 mm.		67.6	91	311
		“ 133 mm.		57.2	94	311
		“ 60 mm.		42	99	311
		“ 40 mm.		Nonazeotrope		311
295	C ₃ H ₈ O ₂	Dimethoxymethane	42.3	41.9	0.65	581c
			42.3	42.05	1.4	324
			42.25	Nonazeotrope		563
296	C ₃ H ₈ O ₂	1,2-Propanediol	187.8	Nonazeotrope		575
		1,2-Propanediol	188	Nonazeotrope		v-l 183
297	C ₃ H ₈ O ₂	1,3-Propanediol	214.8	Nonazeotrope		v-l 981
298	C ₃ H ₉ N	Propylamine	47.8	Nonazeotrope		981
299	C ₃ H ₉ N	Trimethylamine	3.2	75.5	10	v-l 414
		“ 0°–100°C.				v-l 414
		“	3.5	Nonazeotrope		575
300	C ₃ H ₉ NO	1-Amino-2-propanol	159.9	Nonazeotrope		981
301	C ₃ H ₁₀ N ₂	1,2-Propanediamine	119.7	Nonazeotrope		128
302	C ₄ HF ₇ O ₂	Perfluorobutyric acid	122.0	97	71	659
303	C ₄ H ₄ N ₂	Pyrazine	114-115	95.5	40	751
304	C ₄ H ₄ O	1-Butyn-3-one	85	74	35	902
305	C ₄ H ₄ O	Furan	31.7	Nonazeotrope		575
306	C ₄ H ₄ S	Thiophene	84	Min. b.p.		1017
307	C ₄ H ₅ N	3-Butenenitrile	118.9	89.4	34	981
308	C ₄ H ₅ N	<i>cis</i> - and <i>trans</i> - crotonitrile	107.5-120.5	85		136
309	C ₄ H ₅ N	Methacrylonitrile		76.5	16	767
310	C ₄ H ₅ N	Pyrrol	129.8	93-93.5		39
311	C ₄ H ₆ ClN	2-Chloro-2-methyl- propionitrile	116	87	22	767
312	C ₄ H ₆ O	1-Butene-3-one				
		“ 743 mm.		75.5	14.1	v-l 420
		“ 300 mm.		51.1	14.1	420
		“ 150 mm.		32	11.9	v-l 420
313	C ₄ H ₆ O	3-Butyn-1-ol	128.9	Min. b.p.		267
314	C ₄ H ₆ O	3-Butyn-2-ol	109	92		172
315	C ₄ H ₆ O	Crotonaldehyde,				
		“ 111 mm.	84.9	40	19	981
		“ 273 mm.	112.3	60	22	981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	H₂O	Water (continued)	100			
		Crotonaldehyde				
		“ 412 mm.	126.4	70	23	981
		“	102.4	84	24.8	266,398, 981
316	C ₄ H ₆ O	Methacrylaldehyde	68.0	63.6	7.7	767,981
317	C ₄ H ₆ O ₂	Biacetyl	87-88	78.5		119
318	C ₄ H ₆ O ₂	3-Butenoic acid		Nonazeotrope		981
319	C ₄ H ₆ O ₂	<i>trans</i> -Crotonic acid	185	Nonazeotrope		981
320	C ₄ H ₆ O ₂	Crotonic acid		99.9	97.8	227
321	C ₄ H ₆ O ₂	Butyrolactone	204.3	Nonazeotrope		981
322	C ₄ H ₆ O ₂	Dioxene 753 mm.	94	79.3	13.7	215
		“ 200 mm.		46.5	12.3	215
323	C ₄ H ₆ O ₂	Methacrylic acid	160.5	99.3	76.9	v-l 299
		“ “ 25 mm.		26.0	84.0	215
		“ “ 50 mm.		37.3	82.4	215
		“ “ 100 mm.		50.5	81.1	215
324	C ₄ H ₆ O ₂	Methyl acrylate	80	71	7.2	800
325	C ₄ H ₆ O ₂	Vinyl acetate	72.7	66	7.3	981
326	C ₄ H ₆ O ₃	Propylene carbonate	242.1	Nonazeotrope		981
327	C ₄ H ₇ Cl	1-Chloro-2-methyl-1-propene	68.1	61.9	7.5	105
328	C ₄ H ₇ ClO	α -3-Chloro-2-buten-1-ol	164	98.1		367
329	C ₄ H ₇ ClO	β -3-Chloro-2-buten-1-ol	166	98.8		367
330	C ₄ H ₇ ClO	2-Chloroethyl vinyl ether	109.1	84	17	981
331	C ₄ H ₇ ClO ₂	4-Chloromethyl 1,3-dioxolane, 40 mm.	67	99		860
332	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.5	95.2	45.12	121
333	C ₄ H ₇ N	Butyronitrile	118	87.5	31	959
		“	117.6	88.7	32.5	981
334	C ₄ H ₇ N	Isobutyronitrile	103	82.5	23	959
335	C ₄ H ₇ NO	2-Hydroxyisobutyronitrile, 30 mm.		Nonazeotrope		981
		“ 50 mm.		Nonazeotrope		981
336	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	179.2	98	65.5	981
337	C ₄ H ₈ Cl ₂ O	1,3-Dichloro-2-methyl-2-propanol	174	98.3	64.8	105
338	C ₄ H ₈ O	2-Butanone	79.6	73.41	11.3	v-l 552,633, 876,877
		“ 768-1243 mm		Effect of pressure		363
		“	79.6	73.4	11.0	218
		“ 3.5 p.s.i.g.		79.3	12.1	218
		“ 9.2 p.s.i.g.		88.0	12.5	218
		“ 30 p.s.i.g.		111	15.8	218
		“ 60 p.s.i.g.		125	18.3	218
		“ 14.7 p.s.i.a.		73.3	11.6	v-l 726
		“ 50 p.s.i.a.		112.2	15.9	726

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
		2-Butanone	100 p.s.i.a.	139.0	19.3	726
		"	250 p.s.i.a.	180.7	23.4	726
		"	500 p.s.i.a.	216.1	26.4	726
		"	79.6	73.77	12.7	v-1 15
		"	600 mm.	67.11	12.1	v-1 15
		"	400 mm.	56.81	11.0	v-1 15
		"	200 mm.	40.16	8.3	v-1 15
339	C ₄ H ₈ O	1-Buten-3-ol	97.4	85	26	172
		"	96-97	Azeotropic		575
340	C ₄ H ₈ O	Butyraldehyde	74	68	6	519
		"		Evaporation behavior		577
		"	74.8	68.0	9.7	981
		"		67.8	6.7	227
341	C ₄ H ₈ O	Crotonyl alcohol	119-120		60	575
342	C ₄ H ₈ O	Ethyl vinyl ether	35.5	34.6	1.5	981
343	C ₄ H ₈ O	Isobutyraldehyde	63.5	64.3	6.7	227
		"	63.3	60.1	9.6	665
344	C ₄ H ₈ O	Methyl propenyl ether	46.3	46.3	0.5	981
345	C ₄ H ₈ O	Tetrahydrofuran				
		"	100 p.s.i.g.		12	v-1 224
		"		64	5.3	v-1 224
		"	66	63.8	4.6	v-1 158
346	C ₄ H ₈ OS	2-Methylthiopropionaldehyde,				
		"	85 mm.	48	64	215
		"	412 mm.	82	60	215
		"	753 mm.	97.5	68	215
		"	759 mm.	97.5	63	215
347	C ₄ H ₈ OS	1,4-Oxathiane	149.2	95.6	48	981
348	C ₄ H ₈ O ₂	Butyric acid	163.5	99.4	97	v-1 26
		" "	162.45	99.4	81.5	} 483,545, 722,757
					80	
349	C ₄ H ₈ O ₂	Dioxane	50 mm.	26.9	10.5	v-1 481g
		"	100 mm.	39.9	12.1	v-1 481g
		"	101.3	87.8	17.6	v-1 481g
		"	101.32	87.82	18	v-1 128,
		"		Effect of dissolved salt		201,898
		"	260 mm.	60	15.4	v-1 641
		"		60	15.4	183
350	C ₄ H ₈ O ₂	1,3-Dioxane	104-105	86.5		860
351	C ₄ H ₈ O ₂	Ethoxyacetaldehyde	105	90	21.8	217
		"	103	90	24.4	881
352	C ₄ H ₈ O ₂	Ethyl acetate,				
		"	25 mm.	2.51	— 1.90	} 650, 877, 1033
		"	250 mm.	46.87	42.55	
		"	760 mm.	77.15	70.38	
		"	1441 mm.	97.80	89.08	

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
		Ethyl acetate		50		v-1 452c
		"		60		v-1 452c
		"		70		v-1 452c
		"		80		v-1 452c
353	C ₄ H ₈ O ₂	2-Hydroxybutyr- aldehyde, 80 mm.				Nonazeotrope 981
354	C ₄ H ₈ O ₂	Isobutyric acid	154.5	98.8	71.8	227
		"	154.35	99.3	79	563
355	C ₄ H ₈ O ₂	Isopropyl formate	68.8	65.0	3	575
356	C ₄ H ₈ O ₂	3-Methoxypropional- dehyde, 100 mm.		45	30	981
357	C ₄ H ₈ O ₂	2-Methyl-1,3-dioxolane	82.5	75	8	215
358	C ₄ H ₈ O ₂	Methyl propionate	79.7	71.0	8.2	227
		" "	79.85	71.4	3.9	531
359	C ₄ H ₈ O ₂	Propyl formate	80.9	71.6	2.3	359, 531,804
360	C ₄ H ₈ O ₂	2-Vinyloxyethanol	143	98	65	263
361	C ₄ H ₈ O ₃	Methyl lactate	144.8	99	80	852
361a	C ₄ H ₈ Br	1-Bromo-2-methylpropane	91.4	75.3	7.3	498i
362	C ₄ H ₉ Cl	1-Chlorobutane	77.9	68.1	6.6	215
363	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.8	61.6	3.3	215
364	C ₄ H ₉ ClO	1-Chloro-2-methyl-2- propanol	126.7	93-94	34	105
365	C ₄ H ₉ I	1-Iodo-2-methylpropane	122.5	95-96	21	vol.% 754
366	C ₄ H ₉ N	Methallylamine	78.7	78.4	4.1	878
367	C ₄ H ₉ NO	Morpholine	128.3			Nonazeotrope 981
368	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	70.0	~7	575
369	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	63.2	8	575
370	C ₄ H ₉ NO ₂	N-(2-Hydroxyethyl) acetamide				Nonazeotrope 981
371	C ₄ H ₉ NO ₃	Isobutyl nitrate	122.9	88.5	28	559
371a	C ₄ H ₁₀	Butane crit. region				v-1 190c
372	C ₄ H ₁₀ O	Butyl alcohol	117.4	92.7	42.5	v-1 943,452c 128,535, 755,497, 877,896, 943
		"				Evaporation behavior 577
		" 250-2500 mm.				v-1 719
		" 30 mm.	48	28	52.4	982
		" 685 mm.		88.7	43.5	v-1 992
		"	118	92.6	42.2	v-1 380
		" 1485 mm.	139	111.2	42.2	v-1 380
		" 3690 mm.	171.2	141.8	41.8	v-1 380
		" 5900 mm.	191.8	158.8	41.8	v-1 380
		" 8110 mm.	206.1	172.3	38.6	v-1 380

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	H₂O	Water (continued)	100			
		Butyl alcohol	100 mm.	48	49.8	266
		"	270 mm.	70	46.6	266
		"	755 mm.	92.4	42.8	266
373	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	87.0	26.8	v-1 1039
		"		Evaporation behavior		577
		"	99.5	88.5	32	981
		"	20 mm.	27.3	16.0	413
		"	99.5	87.35	28.4	14
		"	600 mm.	81.50	28.8	14
		"	400 mm.	72.07	29.3	14
		"	200 mm.	56.95	29.5	14
		"	60-80°C.			v-1 14
		"	99.4	87.5	27.3	164,877
		"		87.5	26	v-1 109
374	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol				
		100 mm.			9.4	v-1 771c
		"	82.5	79.9	11.76	877,1046
		"	8120 mm.			v-1 771c
		"		79.85	14.0	581c
		"	82.9			v-1 937c
375	C ₄ H ₁₀ O	Ethyl ether	34.5	34.15	1.26	877
		"	11 atm	114	4.5	775
		"	20 p.s.i.g.	62	60	2.0 981
376	C ₄ H ₁₀ O	Isobutyl alcohol,				
		745 mm.				v-1 982
		"	107.0	89.8	33.0	v-1 483,776, 921,1046
		100-130°C.		Effect of pressure		117
377	C ₄ H ₁₀ O	Methyl propyl ether	38.9	~ 38.7	~ 2	563
378	C ₄ H ₁₀ O ₂	<i>l</i> -2,3-Butanediol,				
		14-75 p.s.i.g.		Nonazeotrope		v-1 965
379	C ₄ H ₁₀ O ₂	<i>meso</i> -2,3-Butanediol				
		200-760 mm.	183-184	Nonazeotrope		v-1 731
380	C ₄ H ₁₀ O ₂	1,1-Dimethoxyethane	64.3	61.3	3.6	45
381	C ₄ H ₁₀ O ₂	1,2-Dimethoxyethane	83	76	10.5	129,417
		"	35		6	23
		"	85.2		10.4	23
		"	85	77.4	10.1	215
382	C ₄ H ₁₀ O ₂	2-Ethoxyethanol,				
		<100 mm.		Nonazeotrope		71
		"	200 mm.	66.4	70	v-1 71
		"	400 mm.	82.4	79	v-1 71
		"	134	98.2	87	v-1 71
		"	200 mm.	96.5	66.4	85 981
		"	400 mm.	115.6	82.4	76 981
		"	135.6	99.4	71.2	981
		"	135.1	99.4	71.2	129,526
		"			70.0	v-1 34,210

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H₂O	Water (continued)	100			
383	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.91	61.25	4.4	1035
384	C ₄ H ₁₀ O ₂	1-Methoxy-2-propanol	118	96	~ 48.5	215
		"	118	97.5	35	797
385	C ₄ H ₁₀ O ₂	2-Methoxy-1-propanol	130	98	67	797
386	C ₄ H ₁₀ O ₃	Diethylene glycol	245.5	Nonazeotrope		556
		"	"	Nonazeotrope		v-1 183
		" 10 mm.	"	Nonazeotrope		v-1 183
387	C ₄ H ₁₁ N	Butylamine, 575 mm.	69	69	1.3	981
		" 20 p.s.i.g.	106		6.5	981
		"	77.8	Nonazeotrope		v-1 481c
388	C ₄ H ₁₁ N	Diethylamine		Effect of NaOH		v-1 416
		"	55.5	Nonazeotrope		v-1 415
389	C ₄ H ₁₁ N	Isobutylamine	68	Nonazeotrope		v-1 787
390	C ₄ H ₁₁ NO	2-Dimethylamino-ethanol,	27 p.s.i.g. 174		90.2	981
		" 744 mm.	133.9	99	92.6	981
		" 540 mm.	123.4	91	95.2	981
		" 250 mm.	100.7	71	98.2	981
391	C ₄ H ₁₁ NO	3-Methoxypropylamine	116		~95	17
392	C ₄ H ₁₁ NO ₂	2,2'-Iminodiethanol	268	Nonazeotrope		981
393	C ₄ H ₁₂ N ₂	Tetramethylhydrazine	74.3	69	3	401
394	C ₅ H ₄ O ₂	Furfural	161.7			v-1 972
		" 600 mm.		91.3	65	v-1 972
		" 300 mm.		74.1	65.5	v-1 972
		" 150 mm.		58.2	66.6	v-1 972
		" 55 mm.		40.1	68.6	v-1 972
		"	161.45	97.85	65	556
		" 100-200°F.				v-1 743
		" 1-18 atm.	161.7			v-1 648
395	C ₅ H ₅ N	Pyridine	230 mm.	62	45	215
		"	490 mm.	79	45	215
		"	115	94	43	44,553
		"	115.3	93.6	41.3	413
		" 120 mm.			46.2	322
		" 758 mm.			40.5	322
		" < 760 mm.		30	40.7	v-1 412
		" < 760 mm.		50	—	v-1 412
		" < 760 mm.		80	40.7	412,1058
		"		Effect of dissolved salt		
		"				v-1 764
396	C ₅ H ₆ N ₂	2-Methylpyrazine,	133	97	55	1036
		" 737 mm.	130	92.6	36 vol. %	789
397	C ₅ H ₆ O	2-Methylfuran	63.7	58.2	—	769
		" 740 mm.	62.7	57.3	3.4	v-1 897
398	C ₅ H ₆ O ₂	Furfuryl alcohol	169.35	98.5	80	545
399	C ₅ H ₇ N	3-Methyl-3-butenenitrile	137.0	93.0	43.2	981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
400	C ₅ H ₇ NO	Furfurylamine	144	99	74	920
400a	C ₅ H ₈	Isoprene	34.1	32.4	0.14	581c
401	C ₅ H ₈ O	Allyl vinyl ether	67.4	60	5.4	981
402	C ₅ H ₈ O	Cyclopentanone	130.8	94.6	42.4	v-1 981
		" 740 mm.	130	92.6	36 vol. %	789
403	C ₅ H ₈ O	1-Methoxy-1,3-butadiene	90.7	76.2	12.7	981
404	C ₅ H ₈ O	3-Methyl-3-butene-2-one	97.9	81.5	18.4	981
		" 735 mm.	98.5	82	—	79
		" 100 mm.	45-46	34-35	—	79
405	C ₅ H ₈ O	2-Methyl-3-butyne-2-ol, 100 mm.		Min. b.p.		895
		"	103	90	26	172,900
		"	104.4	91.0	29	v-1 169
406	C ₅ H ₈ O	4-Pental	106	84.3	21	981
407	C ₅ H ₈ O	3-Penten-2-one	123.5	92	28.6	981
408	C ₅ H ₈ O ₂	Allyl acetate	104.1	83	16.7	981
		" "	105	Azeotropic		723
409	C ₅ H ₈ O ₂	Ethyl acrylate	100	98.3	—	804
		" "	99.5	81.1	15	807
		" 195 mm.	61	48	12	981
410	C ₅ H ₈ O ₂	Isopropenyl acetate, 200 mm.	60.2	48	11	981
		"	97.4	79.3	13.4	981
411	C ₅ H ₈ O ₂	Methyl methacrylate	100.8	83	14	807
		" " 200 mm.		49	11.6	1032
		" "	99.5	86-92	—	1032
412	C ₅ H ₈ O ₂	2,3-Pentanedione	109	86	—	119
413	C ₅ H ₈ O ₂	2,4-Pentanedione	140.6	94.4	41	981
414	C ₅ H ₈ O ₂	Δ-Valerolactone		Nonazeotrope		981
415	C ₅ H ₈ O ₂	Vinyl propionate	95.0	79	13	981
416	C ₅ H ₉ ClO ₂	Propyl chloroacetate	162.3	97.1	57.5	121
416a	C ₅ H ₉ NO	N-Methylpyrrolidone				
		" 200 mm.				v-1 742c
		" 760 mm.				v-1 742c
417	C ₅ H ₁₀ Cl ₂ O ₂	Bis(2-chloroethoxy) methane	218.1	99.4	86.8	981
418	C ₅ H ₁₀ N ₂	3-Dimethylamino-propionitrile	174.5	99.6	84	981
419	C ₅ H ₁₀ O	<i>cis</i> -1-Butenyl methyl ether	72.0	64	6.1	981
420	C ₅ H ₁₀ O	<i>trans</i> -1-Butenyl methyl ether	76.7	67	7.2	981
			140.85	96.25	58	575
421	C ₅ H ₁₀ O	Cyclopentanol	140.85	96.25	58	575
422	C ₅ H ₁₀ O	Isopropenyl ethyl ether	61.9	58	2	981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
423	C ₅ H ₁₀ O	Isopropyl vinyl ether	55.7	51.8	2.7	981
424	C ₅ H ₁₀ O	Isovaleraldehyde		—	17.9	665
		"	92.5	77	12	215
424a	C ₅ H ₁₀ O	3-Methyl-2-buten-1-ol	140	96.4	69.0	581c
424b	C ₅ H ₁₀ O	3-Methyl-3-buten-1-ol	130.0	95.0	57.9	581c
424c	C ₅ H ₁₀ O	2-Methyl-3-buten-2-ol	97.0	86.5	23.5	581c
425	C ₅ H ₁₀ O	2-Methyltetrahydrofuran	77	Min. b.p.		350
426	C ₅ H ₁₀ O	3-Methyl-2-butanone	94	~ 79	~13	563
427	C ₅ H ₁₀ O	2-Pentanone	102.3	83.3	19.5	552,877
428	C ₅ H ₁₀ O	3-Pentanone	102.05	82.9	14	552
		"		82.9	18.8	497
429	C ₅ H ₁₀ O	Propyl vinyl ether	65.1	59	5	981
430	C ₅ H ₁₀ O	Tetrahydropyran	88	71	8.5	223
		"		Min. b.p.		81
431	C ₅ H ₁₀ O	Valeraldehyde	103.3	83	19	981
432	C ₅ H ₁₀ O	Valeraldehydes (isomers)	98.6	80	17	981
433	C ₅ H ₁₀ O ₂	Butyl formate	106.6	83.8	16.5	359,538 498c
434	C ₅ H ₁₀ O ₂	4,5-Dimethyl-1,3-dioxolane		Min. b.p.		860
435	C ₅ H ₁₀ O ₂	3-Ethoxy-1,2-epoxypropane	124-126	90-91		265
436	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	81.2	10	531,804
		" 350 mm.	76.0	61	13.3	981
437	C ₅ H ₁₀ O ₂	3-Hydroxy-3-methyl- 2-butanone	141.0	98.6	61.0	v-l 169
438	C ₅ H ₁₀ O ₂	Isobutyl formate	98.3	79.5	18.9	359,1034
		"	98.3	79.6	12.4	498i
439	C ₅ H ₁₀ O ₂	Isopropyl acetate	88.6	76.6	10.6	531,877
		"		76.6	10.4	497
440	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	99.5	81.6	563
441	C ₅ H ₁₀ O ₂	3-Methoxybutyraldehyde,				
		" 100 mm.		50	37	981
		" 200 mm.		64	37	981
		"	131	>92	35	981
442	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	82.7	11.5	531
443	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	77.7	6.8	531
444	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	82.4	14	333,359
		" 200-700 mm.				v-l 891
445	C ₅ H ₁₀ O ₂	Tetrahydrofurfuryl alcohol				v-l 197
446	C ₅ H ₁₀ O ₂	Valeric acid	185.5	99.8	89	981
447	C ₅ H ₁₀ O ₂	Valeric acid (isomers)	183.2	99.6	85	981
448	C ₅ H ₁₀ O ₂	1-Vinyloxy-2-propanol		~100	75	263
449	C ₅ H ₁₀ O ₂	3-Vinyloxy-1-propanol		~100	75	263
450	C ₅ H ₁₀ O ₃	β-Ethoxypropionic acid	219.2	Nonazeotrope		981
451	C ₅ H ₁₀ O ₃	γ-Methoxybutyric acid		Nonazeotrope		981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
452	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.5	91	30	575
453	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	97.0	51.5	526
		“ 45 mm.			58	v-1 920c
454	C ₅ H ₁₀ O ₃	Methoxymethyl propionate		95	56	981
455	C ₅ H ₁₀ O ₃	Methyl β-methoxypropionate, 100 mm.	84	Azeotropic		87
456	C ₅ H ₁₁ Cl	1-Chloropentane	108.35	82		409,723
457	C ₅ H ₁₁ N	Piperidine	105.8	92.8	35	914
458	C ₅ H ₁₁ NO	4-Methylmorpholine	115.6	94.2	24	981
459	C ₅ H ₁₁ NO	Tetrahydrofurfurylamine	153	Nonazeotrope		920
460	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	<80.6	<15	575
461	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	95.0	40	560
462	C ₅ H ₁₂	Pentane	36.1	34.6	1.4	981
463	C ₅ H ₁₂ N ₂	1-Methylpiperazine	138.0	Nonazeotrope		981
464	C ₅ H ₁₂ O	<i>n</i> -Amyl alcohol	137.8	95.8	54.4	324,359, 545,633, 755
465	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.25	87.35	27.5	545
466	C ₅ H ₁₂ O	<i>tert</i> -Butyl methyl ether	55	52.6	4	256
		“	55.0	52.1	2.1	581c
467	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	59.5	4	538
468	C ₅ H ₁₂ O	Isoamyl alcohol	132.05	95.15	49.60	760,1046
469	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.9	91.0	33	576
470	C ₅ H ₁₂ O	2-Pentanol	119.3	91.7	36.5	545,877
471	C ₅ H ₁₂ O	3-Pentanol	115.4	91.7	36.0	545
472	C ₅ H ₁₂ O ₂	1,1-Diethoxymethane	87.5	75.2	10	324,668 970
473	C ₅ H ₁₂ O ₂	1,2-Dimethoxypropane	92-93	80		417
		“	92	80	11	981
474	C ₅ H ₁₂ O ₂	1-Ethoxy-2-propanol	132.2	97.3	50.1	981
475	C ₅ H ₁₂ O ₂	3-Methoxy-1-butanol	161.1	98.5	80	981
475a	C ₅ H ₁₂ O ₂	3-Methyl-1,3-butanediol	203	Nonazeotrope		581c
476	C ₅ H ₁₂ O ₂	1,5-Pentanediol	242.5	Nonazeotrope		981
477	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.5	98.8	70	981
		“	151.35	98.75	72	556
478	C ₅ H ₁₂ O ₃	2-(2-Methoxyethoxy)ethanol	192.95	Nonazeotrope		556
479	C ₅ H ₁₂ O ₃	1,1,2-Trimethoxyethane	126	93	30	346
480	C ₅ H ₁₃ N	<i>N</i> -Methylbutylamine	91.1	82.7	15	981
481	C ₅ H ₁₃ NO	1-Ethylamino-2-propanol	159.4	Nonazeotrope		981
482	C ₅ H ₁₃ NO	3-Ethoxypropylamine		80		17
483	C ₅ H ₁₄ N ₂	<i>N,N</i> -Dimethyl-1,3-propanediamine	134.9	Nonazeotrope		981
484	C ₆ H ₅ Cl	Chlorobenzene	131.8	90.2	28.4	762
484a	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol				
		120 mm.		54	72	215
		750 mm.		97.5	67	215
485	C ₆ H ₅ NO ₂	Nitrobenzene	210.85	98.6	88 vol.%	689

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
486	C ₆ H ₆	Benzene 25-400 p.s.i.a				v-l 103c
		"	80.2	69.25	8.83	689,877, 1043
		" 537.0 mm.		60	8.35	979
		" 295.0 mm.		45	6.36	979
		" 150.5 mm.		30	5.98	979
		"		69.25	8.95	497
		"		69.25		1042
487	C ₆ H ₆ O	Phenol <24°C		Nonazeotrope		25
		"		160	89.1	25
		"		275	94.4	25
		" 200 mm.		66.4	96.5	472
		"		15		v-l 627
		" 127 mm.		56.3	94.5	853
		" 294 mm.		75.0	92.8	853
		" 531 mm.		90.0	91.71	853
			182	99.52	90.79	762,877
488	C ₆ H ₇ N	Aniline		41	86.6	v-l 853
		"		56.3	84	v-l 853
		" 742 mm.		98.6	80.8	v-l 403
		" 6 atm.		155	76.6	v-l 403
		" 11 atm.		182	76.2	v-l 403
		" 16.4 atm.		200	77.4	v-l 403
		"		75	81.8	v-l 853
		"		90	80.5	v-l 853
489	C ₆ H ₇ N	2-Picoline	129.5	93.5	48	39,43
490	C ₆ H ₇ N	3-Picoline, 700 mm.		94.1	61.4	39,141, 175,585
		"	144.1	97	60	v-l 1063
		"		96.7		160c,585
491	C ₆ H ₇ N	4-Picoline	144.3	97.35	62.8	v-l 1063
		"		97.4	63.5	981
		" 700 mm.		94.6	63.5	39,141, 175,585
		"		97.4	63.5	981,160c
492	C ₆ H ₈	1,4-Cyclohexadiene	85.6	71.3		575
493	C ₆ H ₈	1,3-Cyclohexadiene	80.8	68.9	9	563
494	C ₆ H ₈ N ₂	2,5-Dimethylpyrazine	154	98.5	65	1036
495	C ₆ H ₈ N ₂	2-Ethylpyrazine		98-99	>0.18	215
496	C ₆ H ₈ N ₂	Phenylhydrazine	243	Nonazeotrope		563
497	C ₆ H ₈ O	2,5-Dimethylfuran	93.3	77.0	11.7	981
498	C ₆ H ₈ O	2,4-Hexadienol	171	98.0	70	981
499	C ₆ H ₈ O ₂	1,3-Butadienyl acetate	138.5	93	35.6	981
500	C ₆ H ₈ O ₂	Vinyl crotonate	133.9	92	31	981
		"	132.7	91.0	24.2	873
501	C ₆ H ₈ O ₄	Methyl fumarate	193.25	98.85	74.5	575
502	C ₆ H ₉ N ₃	3,3'-Iminodipropionitrile		Nonazeotrope		981

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
503	C ₆ H ₁₀	Cyclohexene	82.75	70.8	10	563
		"		70.8	8.93	497
504	C ₆ H ₁₀	2-Ethyl-1,3-butadiene	66.9	60.2	5.3	981
505	C ₆ H ₁₀	4-Methyl-1,3-pentadiene		67.0	7.5	849
506	C ₆ H ₁₀ O	Cyclohexa- none, <760 mm.		90	—	v-1 334
		"	155.6	96.3	55	v-1 334
		"	155.4	95	61.6	981
507	C ₆ H ₁₀ O	2-Ethylcrotonaldehyde	135.3	92.7	38	981
508	C ₆ H ₁₀ O	2-Hexenal	149	95.1	48.6	981
509	C ₆ H ₁₀ O	1-Hexen-5-one	129	Min. b.p.		723
		"	128.9	92.1	35.3	981
510	C ₆ H ₁₀ O	Mesityl oxide	129.5	91.8	34.8	723,877
		"	128	91.3	29 vol%	724
510a	C ₆ H ₁₀ O	Methylidihydropyran	118.5	87.6	20.5	581c
		" <760 mm.		60	18.4	v-1 581g
511	C ₆ H ₁₀ O	2-Methyl-2-pentenal	138.2	93.5	40	981
512	C ₆ H ₁₀ O ₂	Crotonyl acetate	129	Min. b.p.		723
513	C ₆ H ₁₀ O ₂	Ethyl crotonate	137.8	93.5	38	981
513a	C ₆ H ₁₀ O ₂	4-Vinyl-1,3-dioxane	144.9	94.5	57.5	581c
514	C ₆ H ₁₀ O ₂	Vinyl butyrate	116.7	87.2	20.4	981
515	C ₆ H ₁₀ O ₂	Vinyl isobutyrate	105.4	83.5	17	981
516	C ₆ H ₁₀ O ₄	Ethylene glycol diacetate	190.8	99.7	84.6	981
517	C ₆ H ₁₁ ClO ₂	Butyl chloroacetate	181.9	98.12	75.49	121
518	C ₆ H ₁₁ ClO ₂	Isobutyl chloroacetate	174.4	97.8	64.18	121
519	C ₆ H ₁₁ N	Diallylamine	110.4	87	22-23	878
			110.5	87.2	24	981
520	C ₆ H ₁₁ NO	Caprolactam 30 mm.		Nonazeotrope	v-1	617c
		" 80 mm.		Nonazeotrope	v-1	617c
		" 180 mm.		Nonazeotrope	v-1	617c
		" 760 mm.		Nonazeotrope	v-1	617c,905r
		" 50-760 mm.			v-1	976
521	C ₆ H ₁₁ NO ₃	2-Methyl-2-nitropropyl vinyl ether, 10 mm.	77-78	—	8.6	1008
522	C ₆ H ₁₂	Cyclohexane	80.8	69.5	8.4	413
		"	80.75	68.95	9	563
		" 25-400 p.s.i.a.				v-1 103c
523	C ₆ H ₁₂	1-Hexene	63.84	57.7	5.7	806
524	C ₆ H ₁₂	4-Methyl-2-pentene	56.7	53.5	3.5	981
525	C ₆ H ₁₂ Cl ₂ O	Bis(chloroisopropyl) ether	187.0	98.5	62.6	981
526	C ₆ H ₁₂ Cl ₂ O ₂	1,2-Bis(2-chloro- ethoxy)ethane	240.9	99.7	94.0	981
527	C ₆ H ₁₂ O	Butyl vinyl ether	94.2	77.5	11.6	981
528	C ₆ H ₁₂ O	Cyclohexanol, 42 mm.		35	86	1072

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
		Cyclohexanol, 57 mm.		40	84.8	1072
		" 95 mm.		50	82.5	1072
		" 158 mm.		60	80.2	1072
		" 252 mm.		70	77.8	1072
		" 385 mm.		80	75.2	1072
		" 570 mm.		90	72.6	1072
		" 684 mm.		95	70.7	1072
		"	160.65	97.8	69.5	1072
		" <760 mm.		90	74	v-l 335
		"	160.65	~ 97.8	~80	563
529	C ₆ H ₁₂ O	2,2-Dimethyltetrahydrofuran	90	Min. b.p.		350
530	C ₆ H ₁₂ O	2,5-Dimethyltetrahydrofuran	90	78	13	172
531	C ₆ H ₁₂ O	2-Ethylbutyraldehyde	116.7	87.5	23.7	981
532	C ₆ H ₁₂ O	Hexaldehyde	128.3	91.0	31.3	981
533	C ₆ H ₁₂ O	2-Hexanone	127	90.5	26 vol.%	552,723, 724,877
534	C ₆ H ₁₂ O	3-Hexanone	124	Min. b.p.		723
535	C ₆ H ₁₂ O	Isobutyl vinyl ether	83.4	70.5	7.8	981
536	C ₆ H ₁₂ O	2-Methylpentanal	118.3	88.5	23	981
537	C ₆ H ₁₂ O	4-Methyl-2-pentanone	115.9	87.9	24.3	877
538	C ₆ H ₁₂ O	2-Methyl-2-pentene-4-ol		94.6	40.8	849
539	C ₆ H ₁₂ O	Pinacolone	106	~ 85	~14.5	563
540	C ₆ H ₁₂ OS	2-Ethylthioethyl vinyl ether	169.7	97.8	61	981
541	C ₆ H ₁₂ O ₂	Amyl formate	132	91.6	28.4	359,723
542	C ₆ H ₁₂ O ₂	Butyl acetate	126.2	90.2	28.7	359,723,877
543	C ₆ H ₁₂ O ₂	<i>sec</i> -Butyl acetate	112.4	87	22.5	723,877
543a	C ₆ H ₁₂ O ₂	4,4-Dimethyl-1,3-dioxane	133.4	92.8	35	581c
		" <760 mm.		60	28.2	v-l 581g
544	C ₆ H ₁₂ O ₂	Ethyl butyrate	120.1	87.9	21.5	531
545	C ₆ H ₁₂ O ₂	2-Ethylbutyric acid	194.2	99.7	87	981
546	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	85.2	15.2	531
547	C ₆ H ₁₂ O ₂	2-Ethyl-2-methyl-1,3-dioxolane	117.6	88.5	20	981
548	C ₆ H ₁₂ O ₂	Hexanoic acid	205.7	99.8	92.1	981
549	C ₆ H ₁₂ O ₂	4-Hydroxy-4-methyl-2-pentanone 50 mm.		Nonazeotrope	v-l	352
		" 100 mm.		Nonazeotrope	v-l	352
		" 200 mm.	123.5	66.4	97	v-l 352
		" 400 mm.	143	82.6	90	v-l 352
		" 760 mm.	161	99.5	85	v-l 352
		"	169.2	99.6	87	982
		"	166	98.8	87.3	128,877
550	C ₆ H ₁₂ O ₂	Isoamyl formate	124.2	90.2	21	359,531,723
551	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	87.4	16.5	359,498c, 531,723
552	C ₆ H ₁₂ O ₂	Isopropyl propionate	110.3	85.2	19.9	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
552a	C ₆ H ₁₂ O ₂	4-Methyl-4-hydroxy-tetrahydropyran	188	Nonazeotrope		581c
553	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	87.2	19.2	531
554	C ₆ H ₁₂ O ₂	2-Methylpentanoic acid	196.4	99.4	87.9	981
555	C ₆ H ₁₂ O ₂	Propyl propionate	122.1	88.9	23	531,723
556	C ₆ H ₁₂ O ₂	4-Vinyloxy-1-butanol		Min. b.p.		263
557	C ₆ H ₁₂ O ₂	Tetrahydropyran-2-methanol	187.2	Nonazeotrope		981
558	C ₆ H ₁₂ O ₃	2,2-Dimethoxy-3-butanone	145	94		119
559	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	97.4	45	526
		" "	156.2	97.5	55.6	981
560	C ₆ H ₁₂ O ₃	Methyl 3-ethoxypropionate, 50 mm.		37	50	981
561	C ₆ H ₁₂ O ₃	Paraldehyde	124	90	28.5	563,975
562	C ₆ H ₁₂ O ₃	Trioxane	114.5	91.4	30	1003
563	C ₆ H ₁₂ O ₃	2-(2-Vinyloxyethoxy) ethanol		~ 100	97-8	263
		"	207.6	Nonazeotrope		981
564	C ₆ H ₁₃ Cl	1-Chlorohexane	134.5	91.8	29.7	981
565	C ₆ H ₁₃ N	Cyclohexylamine,				
		" 40 mm.	51.4	31.7	69.0	139
		" 70 mm.		41.9	66.0	139
		" 100 mm.	72	49.0	64.1	139
		" 200 mm.	90.9	63.6	60.7	139
		" 300 mm.	102.5	72.7	59.1	139
		" 500 mm.	118.9	85.3	57.0	139
		" 760 mm.	134.5	96.4	55.8	139
		"				v-1 718c
566	C ₆ H ₁₃ N	Hexamethyleneimine	138	95.5	49.5	222,224
		"	134.5	96.5	55.78	413
567	C ₆ H ₁₃ NO	2,6-Dimethylmorpholine	146.6	99.6	70	981
568	C ₆ H ₁₃ NO	4-Ethylmorpholine	138.3	96.7	46.2	981
569	C ₆ H ₁₃ NO ₂	4-Morpholineethanol	225.5	Nonazeotrope		981
570	C ₆ H ₁₄	Hexane	68.7	61.6	5.6	563,981
		" 25-400 p.s.i.a				v-1 103c
		"		61.5	5.4	623c
571	C ₆ H ₁₄ N ₂	2,5-Dimethylpiperazine	164	Nonazeotrope		981
572	C ₆ H ₁₄ N ₂ O	4-(2-Aminoethyl) morpholine	204.7	Nonazeotrope		981
573	C ₆ H ₁₄ N ₂ O	1-Piperazineethanol	246.3	Nonazeotrope		981
574	C ₆ H ₁₄ O	<i>tert</i> -Amyl methyl ether	86	73.8	9	256
575	C ₆ H ₁₄ O	Butyl ethyl ether	92.2	76.6	11.9	981
		" " "		76.7	10.8	497
576	C ₆ H ₁₄ O	<i>tert</i> -Butyl ethyl ether	73	65.2	6	256
577	C ₆ H ₁₄ O	2-Ethyl-1-butanol	148.9	96.7	58.7	128
		" "	147.0	96.7	58	982

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (continued)	100			
578	C ₆ H ₁₄ O	Hexyl alcohol	157.1	97.8	67.2	982
		“ “	157.85	97.8	75	545
579	C ₆ H ₁₄ O	Isopropyl ether	69	62.2	4.5	196,877
		“ “			v-1	1042g
		“ 131 mm.	22.47	20.0	2.6	981
		“ 297 mm.	41.82	38.0	3.4	981
		“ 481 mm.	54.75	50.0	4.0	981
		“ 1520 mm.	92	88	7.6	981
580	C ₆ H ₁₄ O	2-Methyl-1-pentanol	148	97.2	60	981
581	C ₆ H ₁₄ O	4-Methyl-2-pentanol	131.8	94.3	43.3	981
582	C ₆ H ₁₄ O	Propyl ether	90.7	75.4		760
583	C ₆ H ₁₄ O ₂	Acetal	103.6	82.6	14.5	45,563
584	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.2	98.8	79.2	129,527
585	C ₆ H ₁₄ O ₂	1,2-Diethoxyethane	123	89.4	25	129,563
586	C ₆ H ₁₄ O ₂	1,3-Dimethoxybutane	120.3	89.6	30	981
587	C ₆ H ₁₄ O ₂	1,1-Dimethoxy-2-methylpropane	104.7	83.9	14.3	981
588	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7	85.90	18.4	1035
589	C ₆ H ₁₄ O ₂	2-Methyl-1,5-pentanediol	242.4	Nonazeotrope		981
590	C ₆ H ₁₄ O ₂	3-Methyl-1,5-pentanediol	248.4	Nonazeotrope		981
591	C ₆ H ₁₄ O ₂	Pinacol	174.35	Nonazeotrope		526
592	C ₆ H ₁₄ O ₃	Bis(2-methoxyethyl) ether,				
		“ 100 mm.	103		89.5	23
		“ 760 mm.	162		80.2	23
		“ 800 mm.	164		80	23
		“ 760 mm.	164	99.55	78	v-1 215
593	C ₆ H ₁₄ O ₃	2-(2-Ethoxyethoxy) ethanol	202.8	Nonazeotrope		981
593a	C ₆ H ₁₄ O ₃	3-Methyl-1,3,5-pentanetriol	295	Nonazeotrope		581c
594	C ₆ H ₁₄ O ₄	Triethylene glycol	288.7	Nonazeotrope		526
595	C ₈ H ₁₈ N	Diisopropylamine				
		“ 38.8 mm.		10	2.4	v-1 194c
		“ 51.2 mm.		15	2.9	v-1 194c
		“ 67.2 mm.		20	3.8	v-1 194c
		“ 86.8 mm.		25	4.3	v-1 194c
		“ 112.2 mm.		30	4.3	v-1 194c
		“ 180.8 mm.		39.95	5.3	v-1 194c
		“ “	83.86	74.1	9.2	878
		“ “	84.1	74.1	9	981
596	C ₆ H ₁₅ N	1,3-Dimethylbutylamine	108.5	89.5	28.6	981
597	C ₆ H ₁₅ N	3,3-Dimethyl-1-butylamine	112.8	92.9		406
598	C ₆ H ₁₆ N	Dipropylamine				
		“ 15.4 mm.		10	16.2	v-1 194c
		“ 30.0 mm.		20	19.1	v-1 194c
		“ 55.5 mm.		30		v-1 194c

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
		Dipropylamine				
		97.0 mm.		39.95		v-1 194c
		"	109	86.7		144
599	C ₆ H ₁₅ N	<i>N</i> -Ethylbutylamine	111.2	87.5	43.6	981
		" 13.95 mm.		10	~16	v-1 194f
		" 27.1 mm.		20	~20	v-1 194f
		" 50.3 mm.		30	~30	v-1 194f
		" 88.75 mm.		40	~50	v-1 194f
599a	C ₆ H ₁₅ N	<i>N</i> -Ethyl- <i>sec</i> -butylamine				
		22 mm.		10	~5	v-1 194f
		" 30 mm.		15	~6	v-1 194f
		" 40 mm.		20	~7.1	v-1 194f
		" 54 mm.		25	~8	v-1 194f
		" 72 mm.		30	~9	v-1 194f
		" 122 mm.		40	~10	v-1 194f
600	C ₆ H ₁₅ N	Hexylamine	132.7	95.5	49	981
601	C ₆ H ₁₅ N	Triethylamine				
		75°–100°C.				v-1 156c
		"	89.4			v-1 156c,923
		"	89.4	75	10	977
602	C ₆ H ₁₅ NO	2-Butylaminoethanol	199.3	Nonazeotrope		981
603	C ₆ H ₁₅ NO	2-Diethylaminoethanol	162.1	98.9	74.4	981
		"	162	Azeotropic		22
604	C ₆ H ₁₅ NO	1-Isopropylamino- 2-propanol	164.5	99.8	86	981
605	C ₆ H ₁₅ NO	3-Isopropoxypropylamine	147		67	17
606	C ₆ H ₁₅ N ₃	4-(2-Aminoethyl) piperazine	222.0	Nonazeotrope		981
607	C ₆ H ₁₆ N ₂	<i>N,N</i> -Diethylethylene- diamine	144.9	99.8	79.5	981
608	C ₆ H ₁₆ N ₂	<i>N,N,N',N'</i> -Tetra- methylethylene- diamine	119-22	95.6	30	816
609	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	163.5	95		101
610	C ₇ H ₈	Toluene	110.7	84.1	13.5	563,689,877
		"	110.6	84.6	18	935
		"	110.7	Evaporation behavior		577
		"	110.6	85	20.2	981
611	C ₇ H ₈ O	Anisole	153.85	95.5	40.5	531
612	C ₇ H ₈ O	Benzyl alcohol	205.2	99.9	91	535
		"	204.7			v-1 935
613	C ₇ H ₈ O ₂	Guaiacol	205.0	99.5	87.5	266
614	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	244.7	99.25	80	575
615	C ₇ H ₉ ClO ₄	2-Chloroallylidene diacetate	212.1	99.7	85	981
616	C ₇ H ₉ N	2,6-Lutidine	142	96.02	51.8	v-1 1063
		" 700 mm.		93.3	51.5	39,141,175,585

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.	
A =	H ₂ O	Water (<i>continued</i>)	100				
617	C ₇ H ₉ N	<i>o</i> -Toluidine	199.7		15.4	413	
618	C ₇ H ₉ N	<i>p</i> -Toluidine	200.4		13.8	413	
619	C ₇ H ₉ N	Tetrahydrobenzoxitrile	195.1	98.8	78.3	981	
620	C ₇ H ₁₀ O	1,2,3,6-Tetrahydrobenzaldehyde	164.2	96.9	60	981	
621	C ₇ H ₁₀ O ₄	Allylidene diacetate		98.7	71	981	
622	C ₇ H ₁₂	2,4-Dimethyl-1,3-pentadiene, 750.6 mm.	93.3	76.8	13	981	
623	C ₇ H ₁₂ O	3-Hepten-2-one	162.9	96	55.7	981	
624	C ₇ H ₁₂ O ₂	Butyl acrylate	147	94.5	40	215	
		" "		94.3	38	981	
		" 100 mm.		47.8	41	981	
625	C ₇ H ₁₂ O ₂	2-Ethoxy-3,4-dihydro-1,2-pyran	142.9	93.6	34.9	981	
625a	C ₇ H ₁₂ O ₂	4-Methyl-4-vinyl-1,3-dioxane	151	95		581c	
626	C ₇ H ₁₂ O ₄	Pimelic acid, 100 mm.	272	Nonazeotrope			981
627	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	195.2	98.95	77.76	121	
628	C ₇ H ₁₄	Methylcyclohexane	101.15	81.0		275	
629	C ₇ H ₁₄	1-Heptene	93.64	77.0	14.8	806	
630	C ₇ H ₁₄ O	Butyl isopropenyl ether	114.8	86.3	18.8	981	
631	C ₇ H ₁₄ O	2-Heptanone	149	95	48	724,725	
632	C ₇ H ₁₄ O	3-Heptanone	147.6	94.6	42.2	981	
633	C ₇ H ₁₄ O	4-Heptanone	143.7	94.3	40.5	981	
		"	143	94		723,724	
634	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.8	98.4	80	576	
635	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144	94.7	44	981	
		"		93.0	75	227	
636	C ₇ H ₁₄ O ₂	Amyl acetate (isomers)	146	94	36.2	981	
637	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	95.2	41	359,723,725	
638	C ₇ H ₁₄ O ₂	<i>sec</i> -Amyl acetate	133.5	92.0	33.2	877	
639	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	94.8	41	575	
		" "	137	Min. b.p.			723
640	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	Heteroazeotrope			575
641	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	92.2	30.2	531	
642	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	94.5	40	575	
643	C ₇ H ₁₄ O ₂	Isoamyl acetate	142	93.8	36.3	359,531,723	
644	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.85	92.75	52.2	531	
645	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	88.4	23	575	
646	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	95.3	41	575	
647	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	94.1	36.4	531,723	
648	C ₇ H ₁₄ O ₂	Propyl isobutyrate	133.9	92.15	30.8	531	
649	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	97.8	60	575	
650	C ₇ H ₁₄ O ₃	2,2-Dimethoxy-3-pentanone	162.5	95.5		119	

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
651	C ₇ H ₁₄ O ₃	Ethyl 3-ethoxypropionate	170.1	97	63	981
		" 100 mm.	107.8	50.5	71	981
651a	C ₇ H ₁₄ O ₃	4-Hydroxyethyl-4-methyl-1,3-dioxane		Nonazeotrope		581c
651b	C ₇ H ₁₄ O ₃	4-Hydroxy-3-methyl-4-methyltetrahydropyran		Nonazeotrope		581c
652	C ₇ H ₁₄ O ₃	3-Methoxybutyl acetate	171.3	96.5	65.4	981
653	C ₇ H ₁₄ O ₄	2-(2-Methoxyethoxy) ethyl acetate	208.9	Nonazeotrope		981
654	C ₇ H ₁₆	Heptane	98.4	79.2	12.9	981
		"	98.4	80.0		575
655	C ₇ H ₁₆ O	Amyl ethyl ether	120	Min. b.p.		723
656	C ₇ H ₁₆ O	<i>tert</i> -Amyl ethyl ether	101	81.2	13	256
657	C ₇ H ₁₆ O	Heptyl alcohol	176.15	98.7	83	545
658	C ₇ H ₁₆ O	5-Methyl-2-hexanol		96.5	59.1	227
659	C ₇ H ₁₆ O ₂	1-Butoxy-2-methoxyethane	149.9	95.6	42	981
660	C ₇ H ₁₆ O ₂	1-Butoxy-2-propanol	170.1	98.6	72	981
661	C ₇ H ₁₆ O ₂	Diisopropoxymethane		79-80	12	970
662	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2	92.2	40.3	324,970
663	C ₇ H ₁₆ O ₂	2-Ethyl-1,5-pentane-diol	253.3	Nonazeotrope		981
664	C ₇ H ₁₆ O ₃	1-(2-Ethoxyethoxy)-2-propanol	198.1	Nonazeotrope		981
665	C ₇ H ₁₆ O ₃	2-Ethoxyethyl 2-methoxyethyl ether		99.5	82	981
666	C ₇ H ₁₆ O ₃	2-(2-Propoxyethoxy) ethanol	215.8	Nonazeotrope		981
667	C ₇ H ₁₇ NO	1-Diethylamino-2-propanol	159.5	97.2	55	981
668	C ₇ H ₁₈ N ₂	3-Diethylaminopropylamine	169.4	99.8	93	981
669	C ₈ H ₈	Styrene	145.1	93.9	40.9	981
		"	145	93		688
670	C ₈ H ₈ Cl ₂ O ₂	2-(2,4-Dichlorophenoxy)ethanol		~100	~99.6	981
671	C ₈ H ₈ O	Acetophenone	202.0	98	81.7	581c,981
672	C ₈ H ₈ O	(Epoxyethyl)benzene	194.2	99.2	77.6	981
673	C ₈ H ₈ O ₂	Benzyl formate	202.3	99.2	80	538
674	C ₈ H ₈ O ₂	Methyl benzoate	199.45	99.08	79.2	531
675	C ₈ H ₈ O ₂	Phenyl acetate	195.7	98.9	75.1	531
676	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	33.5	33	53,688
		"	136.2	92	33.0	981
		"		91	30.6	227
677	C ₈ H ₁₀	<i>m</i> -Xylene	139.1	94.5	40	981
		"	139	92	35.8	689,803

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
678	C ₈ H ₁₀ O	α -Methylbenzyl alcohol	203.4	99.7	89	982
679	C ₈ H ₁₀ O	Phenetole	170.4	97.3	59	531
680	C ₈ H ₁₀ O ₂	Veratrole	205.5	99.0	76.5	531
681	C ₈ H ₁₁ N	<i>s</i> -Collidine	171	Min. b.p.		813
682	C ₈ H ₁₁ N	<i>N</i> -Ethylaniline	204.8	99.2	83.9	981
683	C ₈ H ₁₁ N	α -Methylbenzylamine	188.6	99.4	83.8	981
684	C ₈ H ₁₁ N	2-Methyl-5-ethyl-pyridine	178.3	98.4	72	981
685	C ₈ H ₁₁ N	<i>ar</i> -Methyl-1,2,3,6-tetrahydrobenzo-nitrile	205.4	99.1	82.6	981
686	C ₈ H ₁₂ O	2-Methyl-1,2,3,6-tetrahydrobenz-aldehyde	176.4	97.7	92.2	981
687	C ₈ H ₁₂ O ₂	3,4-Dihydro-2,5-dimethyl-2H-pyran-2-carboxaldehyde	170.9	97.4	56	981
688	C ₈ H ₁₀ O ₄	Diethyl fumarate	218.1	99.5	87.5	981
689	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	99.65	88.2	575
690	C ₈ H ₁₄	Diisobutylene	101	81	87	877
		"	102.3	82	12	981
691	C ₈ H ₁₄ O	Bicyclo[2.2.1]-heptane-2-methanol	203.9	99.7	91	981
692	C ₈ H ₁₄ O	Diisobutylene oxide		94	37	981
693	C ₈ H ₁₄ O	2-Ethyl-2-hexenal	176	97.6	60.9	981
694	C ₈ H ₁₄ O	2-Methallyl ether	134.6	92.5	31.0	879
695	C ₈ H ₁₄ O	2-Octenal		99.2	76.2	981
696	C ₈ H ₁₄ O ₂	1,1-Diallyloxyethane	150.9	95.3	41	981
697	C ₈ H ₁₄ O ₂	2-Ethyl-3-hexenoic acid	231.8	99.9	97.4	981
698	C ₈ H ₁₄ O ₂	Vinyl 2-methyl-valerate	148.8	95	38	981
699	C ₈ H ₁₄ O ₃	Bis(2-vinyloxyethyl) ether	198.7	99.4	82	981
700	C ₈ H ₁₄ O ₃	Butyl acetoacetate	213.9	99.4	84.1	981
701	C ₈ H ₁₄ O ₄	Diethyl succinate	216.2	99.9	91	981
702	C ₈ H ₁₅ N	2-(Aminomethyl)bicyclo[2.2.1]heptane	185.9	99	82	981
703	C ₈ H ₁₅ N	Dimethallylamine	149.0	94.1	40.3	878
704	C ₈ H ₁₆	1-Octene	121.28	88.0	28.7	806
705	C ₈ H ₁₆ O	Allyl isoamyl ether	120	Min. b.p.		723
706	C ₈ H ₁₆ O	2-Ethylhexaldehyde	163.6	96.4	51.6	981
707	C ₈ H ₁₆ O	2,2,5,5-Tetramethyltetrahydro-furan	115	Min. b.p.		350
708	C ₈ H ₁₆ O	2,4,4-Trimethyl-1,2-epoxypentane	140.9	93.4	33	981

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	H₂O	Water (continued)	100			
709	C ₈ H ₁₆ O	2,4,4-Trimethyl- 2,3-epoxypentane	127.3	91	25	981
710	C ₈ H ₁₆ OS	2-Butylthioethyl vinyl ether	210.5	99.3	80	981
711	C ₈ H ₁₆ O ₂	2-Butoxyethyl vinyl ether		97.0	52.8	981
712	C ₈ H ₁₆ O ₂	Butyl butyrate	165.7	97.2	53	538
713	C ₈ H ₁₆ O ₂	2,3-Epoxy-2-ethyl- hexanol		100	99.5	981
714	C ₈ H ₁₆ O ₂	2-Ethylbutyl acetate	162.3	97.0	52.4	981
715	C ₈ H ₁₆ O ₂	Ethyl caproate	166.8	97.15	54	538
716	C ₈ H ₁₆ O ₂	2-Ethylhexanoic acid	227.6	99.9	96.4	981
				99.5	97.6	227
717	C ₈ H ₁₆ O ₂	Hexyl acetate	171.0	97.4	61	981
718	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	96.55	48.5	531
719	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	96.3	46	531
720	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	95.5	39.4	531
721	C ₈ H ₁₆ O ₂	Iso-octanoic acid (isomers)	220	99.9	96	981
722	C ₈ H ₁₆ O ₂	4-Methyl-2-pentyl acetate	146.1	94.8	36.7	981
723	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.8	96.2	45.2	531
724	C ₈ H ₁₆ O ₃	2-Butoxyethyl acetate	192.2	98.8	71.9	981
725	C ₈ H ₁₆ O ₃	2,2-Diethoxy-3-butanone	163.5	95-96		119
726	C ₈ H ₁₆ O ₃	2,5-Diethoxytetra- hydrofuran	173.0	98	60	981
727	C ₈ H ₁₆ O ₃	2-Ethoxyethyl-2-vinyl- oxyethyl ether	194.0	99.3	82.3	981
728	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy) ethyl acetate	217.4	Nonazeotrope		981
		"	218.5	99.2	76	575
729	C ₈ H ₁₇ Cl	1-Chloro-2-ethyl- hexane	173	97.3	55	981
730	C ₈ H ₁₇ N	<i>N</i> -Ethylcyclohexyl- amine	164.9	97.1	58	981
731	C ₈ H ₁₇ N	5-Ethyl-2-methyl- piperidine	163.4	97.1	57.0	981
732	C ₈ H ₁₇ N	<i>ar</i> -Methylcyclo- hexylmethylamine		99.0	79	981
733	C ₈ H ₁₇ NO	4-Ethyl-2,6-dimethyl- morpholine	158.1	97.5	49	981
734	C ₈ H ₁₈	Octane	125.7	89.6	25.5	981
		"	124.75	89.4		575
734a	C ₈ H ₁₈	Isooctane	118	78.8	11.1	498i
735	C ₈ H ₁₈ O	Butyl ether	142.6	92.9	33	723,725,760
736	C ₈ H ₁₈ O	<i>sec</i> -Butyl ether	121	Min. b.p.		723

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
737	C ₈ H ₁₈ O	2-Ethylhexanol	183.5	99.1	80	128
738	C ₈ H ₁₈ O	Ethyl hexyl ether	143-144	92.9	29 vol.%	724
739	C ₈ H ₁₈ O	Isobutyl ether	122.2	88.6	23	538,723
740	C ₈ H ₁₈ O	Iso-octyl alcohol (isomers)	186.5	99.8	82	981
741	C ₈ H ₁₈ O	Octyl alcohol	195.15	99.4	90	550
742	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7	98	73	563
743	C ₈ H ₁₈ O ₂	Acetaldehyde dipropyl acetal	147.7	94.7	36.6	45
744	C ₈ H ₁₈ O ₂	2-Ethyl-1,3-hexanediol	243.1	Nonazeotrope		981
745	C ₈ H ₁₈ O ₂	1-Butoxy-2-ethoxy- ethane	164.2	96.8	50	981
746	C ₈ H ₁₈ O ₂	1,1-Diethoxybutane	146.3	94.2	34.5	981
747	C ₈ H ₁₈ O ₂	5-Ethoxy-3-methyl- pentanol	211.7	99.9	97	981
748	C ₈ H ₁₈ O ₂	2-Ethyl-3-methyl- 1,5-pentanediol	265.5	Nonazeotrope		981
749	C ₈ H ₁₈ O ₂	2-Hexyloxyethanol	208.1	99.7	91	981
750	C ₈ H ₁₈ O ₂	2-(2-Methylpentyl- oxy) ethanol	197.1	99.6	86	981
751	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy) ethanol	230.6	Nonazeotrope		981
752	C ₈ H ₁₈ O ₃	Bis(2-ethoxyethyl) ether	188.4	99.4	69	981
		"		98.4	78.5	129
753	C ₈ H ₁₈ O ₄	1,2-Bis(2-methoxy- ethoxy)ethane		Nonazeotrope		23
754	C ₈ H ₁₈ N	Dibutylamine	159.6	97	50.5	475,981
		"		96.9	51.7	v-1 481c
755	C ₈ H ₁₉ N	2-Ethylhexylamine	169.1	98.2	64	981
756	C ₈ H ₁₉ N	1,1,3,3-Tetramethylbuty- lamine	140	86	35	817
757	C ₈ H ₁₉ NO	2-Diisopropylamino- ethanol	190.9	99.2	85	981
758	C ₈ H ₁₉ NO ₂	2,2'-Butyliminodi- ethanol		Nonazeotrope		981
759	C ₈ H ₁₉ NO ₂	1,1'-Ethyliminodi- 2-propanol	238.9	Nonazeotrope		981
760	C ₉ H ₇ N	Quinoline	237.3		96.6	v-1 603
		"	Azeo. composition	independent of press.		603
761	C ₉ H ₉ O ₂	Vinyl benzoate		99.3	82.6	981
762	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	99.60	87.5	531
763	C ₉ H ₁₀ O ₂	1,2-Epoxy-3- phenoxypropane	244.4	99.8	96.1	981
764	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.4	99.40	84.0	531,689
765	C ₉ H ₁₀ O ₂	Methyl α -toluate	215.3	99.6	88	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
766	C ₉ H ₁₁ N	5-Ethyl-2-vinyl-pyridine		99.4	85	981
767	C ₉ H ₁₂	Cumene	152.4	95	43.8	981
768	C ₉ H ₁₂	Mesitylene	164.6	96.5		575
768a	C ₉ H ₁₂ O	α,α -Dimethylbenzyl alcohol		98.1	82	581c
769	C ₉ H ₁₂ O	Phenyl propyl ether	190.2	98.5	66	538
770	C ₉ H ₁₂ O ₂	Bicyclo[2.2.1]hept-5-ene-2-ol acetate	188.6	98.6	70	981
771	C ₉ H ₁₃ NO	5-Ethyl-2-pyridine-ethanol		Nonazeotrope		981
772	C ₉ H ₁₄ O	Isophorone	215.2	99.5	83.9	981
		" 25 p.s.i.g.	251	130	86.5	981
773	C ₉ H ₁₅ O	1-Methyl-2,5-endomethylene-cyclohexane-1-methanol	211.1	99.7	90.6	981
774	C ₉ H ₁₅ N	Triallylamine	151.1	95	38	981
775	C ₉ H ₁₆ O	5-Ethyl-3-hepten-2-one	193.5	98.7	73.4	981
776	C ₉ H ₁₆ O ₄	Dimethyl pimelate	248.9	99.9	96.8	981
777	C ₉ H ₁₈	1-Nonene	146.87	94.5	46.3	806
778	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	169.4	97.0	51.9	981
779	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	98.0	63	575
780	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	98.5	72	575
781	C ₉ H ₁₈ O ₂	2-Heptyl acetate	176.4	97.8	58.9	981
782	C ₉ H ₁₈ O ₂	3-Heptyl acetate	173.8	97.5	57.6	981
783	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	98.05	63.5	531
784	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	168.9	97.35	56.0	531
785	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	97.4	55.8	531
786	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	98.8	74	575
787	C ₉ H ₁₈ O ₃	β -(2-Ethylbutoxy) propionic acid		100	> 99	981
788	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	98.6	74	575
789	C ₉ H ₂₀	Nonane	150.7	94.8	82	968
		"	150.8	95	39.8	981
		"	150.8	94.6	53.2	806
790	C ₉ H ₂₀ O	2,6-Dimethyl-4-heptanol	178.1	98.5	70.4	982
791	C ₉ H ₂₀ O ₂	Dibutoxy methane	181.8	98.2	62	324
792	C ₉ H ₂₀ O ₂	Diisobutoxymethane	163.8	97.2	47.5	324,970
793	C ₉ H ₂₀ O ₂	2-Ethyl-2-butyl-1,3-propanediol		Nonazeotrope		981
794	C ₉ H ₂₀ O ₃	1-(2-Butoxyethoxy)-2-propanol	230.3	99.9	95	981
795	C ₉ H ₂₀ O ₃	2-Methoxymethyl-2,4-dimethyl-1,5-pentanediol		Nonazeotrope		981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (continued)	100			
796	C ₉ H ₂₀ O ₃	1,1,3-Triethoxypropane		99	70	981
797	C ₉ H ₂₁ N	N-Methyldibutylamine	163.1	96.5	48.0	981
798	C ₉ H ₂₁ N	Tripropylamine	156	94.3		144
799	C ₉ H ₂₁ NO ₂	1,1'-Isopropyliminodi-2-propanol	248.6	Nonazeotrope		981
800	C ₉ H ₂₁ NO ₄	2-(2-[2-(3-Amino-propoxy)ethoxy]ethoxy)ethanol		Nonazeotrope		981
801	C ₁₀ H ₈	Naphthalene	218	98.8	84	689
802	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	99.8	96.0	538
803	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	99.9	95.5	538
804	C ₁₀ H ₁₀ O ₂	Safrol	235.9	99.72	92.3	531
805	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.2	99.95	97.5	575
		" "	282.9	100	98.9	981
806	C ₁₀ H ₁₂	1,2,3,4-Tetrahydronaphthalene		99.1	80	266
807	C ₁₀ H ₁₂ O	Anethole	235.7	99.7	92	575
808	C ₁₀ H ₁₂ O	Estragole	215.6	99.3	82	538
809	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75	99.73	91.3	531
810	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	99.70	90.9	531
811	C ₁₀ H ₁₂ O ₃	2-Phenoxyethyl acetate	260.6	99.9	97.4	981
812	C ₁₀ H ₁₄	Dicyclopentadiene	172	98	67.7	981
813	C ₁₀ H ₁₄ N ₂	Nicotine, 110 mm.		Nonazeotrope		v-1 284
		" 478 mm.			99.70	v-1 284
		" 572 mm.			99.02	v-1 284
		" 624 mm.			98.50	v-1 284
		" 760 mm.		99.85	97.48	v-1 284
				99.988	2.5	894
814	C ₁₀ H ₁₄ O ₂	m-Diethoxybenzene	235.0	99.7	91	538
815	C ₁₀ H ₁₄ O ₂	Ethyl bicyclo[2.2.1]hept-5-ene-2-carboxylate	198	99.2	80	981
816	C ₁₀ H ₁₄ O ₃	2-(2-Phenoxyethoxy) ethanol	297.9	Nonazeotrope		981
817	C ₁₀ H ₁₅ N	N-Butylaniline	240.4	99.8	94.4	981
818	C ₁₀ H ₁₅ N	N-Ethyl-α-ethylbenzylamine	201.2	99.2	80	981
819	C ₁₀ H ₁₅ N	N,N,α-Trimethylbenzylamine	195.8	98.6	74.8	981
820	C ₁₀ H ₁₅ NO	2-(α-Methylbenzylamino) ethanol		Nonazeotrope		981
821	C ₁₀ H ₁₆	Camphene	159.6	96.0		575
822	C ₁₀ H ₁₆ O	Dicyclopentenol		100	96.6	981
823	C ₁₀ H ₁₆ O	Trimethyltetrahydrobenzaldehyde	204.5	99.0	77.0	981

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
824	C ₁₀ H ₁₈ O ₄	Diisopropyl maleate	228.7	99.9	93	981
825	C ₁₀ H ₁₈ O	Cineol	176.35	99.55	57.0	531
826	C ₁₀ H ₁₈ O	Linalool	199	~99.7		563
827	C ₁₀ H ₁₈ O ₂	Vinyl 2-ethylhexanoate	185.2	98.6	68	981
828	C ₁₀ H ₁₈ O ₂	Vinyl octanoate (isomers)		99.1	74	981
829	C ₁₀ H ₂₀	1-Decene	170.57	96.7	64.2	806
830	C ₁₀ H ₂₀ O	2-Ethylhexyl vinyl ether	177.7	97.8	59.1	981
831	C ₁₀ H ₂₀ O ₂	2-Ethylbutyl butyrate	199.6	98.6	74.9	981
832	C ₁₀ H ₂₀ O ₂	2-Ethylhexyl acetate	198.4	99.0	73.5	981
833	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	99.25	82	575
834	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	193.5	98.8	74.1	531
835	C ₁₀ H ₂₀ O ₂	4-Methyl-2-pentyl butyrate	182.6	98.2	60.8	981
836	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	99.45	85	575
837	C ₁₀ H ₂₀ O ₃	2-Butoxyethyl 2-vinyl- oxyethyl ether	226.7	99.8	90	981
838	C ₁₀ H ₂₀ O ₃	2,2-Dipropoxy-3-butanone	196.7	98.5		119
839	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy) ethyl acetate	245.3	99.8	92	575
840	C ₁₀ H ₂₁ Cl	Chlorodecane (isomers)	210.6	99.7	84	981
841	C ₁₀ H ₂₁ N	N-Butylcyclohexyl- amine	209.5	99.5	81	981
842	C ₁₀ H ₂₂	Decane	173.3	97.2		575
843	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	96.1		575
844	C ₁₀ H ₂₂ O	Amyl ether	190	98.4		760
845	C ₁₀ H ₂₂ O	Decyl alcohol (isomers)	217.3	100	94.8	982
846	C ₁₀ H ₂₂ O	2-Ethyl octanol	220.5	99.9	94.0	981
847	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	97.4	54	538,760
848	C ₁₀ H ₂₂ O	2-Propylheptanol	217.9	99.8	92	981
849	C ₁₀ H ₂₂ O ₂	Acetaldehyde dibutyl acetal	188.8	98.7	66.3	45,895
850	C ₁₀ H ₂₂ O ₂	Acetaldehyde diisobutyl acetal	171.3	97.4	52.5	45
851	C ₁₀ H ₂₂ O ₂	1,2-Dibutoxyethane	203.6	99.1	76.8	981
852	C ₁₀ H ₂₂ O ₃	2-(2-Hexyloxyethoxy) ethanol	259.1	100	98.1	981
853	C ₁₀ H ₂₂ O ₄	1,2-Bis(2-ethoxy- ethoxy)ethane	246.9	Nonazeotrope		981
854	C ₁₀ H ₂₂ O ₅	Bis[2-(2-methoxy- ethoxy)ethyl] ether		Nonazeotrope		23,981
855	C ₁₀ H ₂₃ N	Decylamine (isomers)	203.7	99.5	82	981
856	C ₁₀ H ₂₃ N	Diamylamine (isomers)	190	99.3	76	981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
857	C ₁₀ H ₂₃ N	<i>N,N</i> -Dimethyl-2-ethyl-hexylamine	176.1	98.2	58	981
858	C ₁₀ H ₂₃ NO	2-Dibutylaminoethanol	228.7	99.9	91.0	981
859	C ₁₁ H ₁₀	1-Methylnaphthalene	245	99.8	94	266
860	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272	99.93	97	575
861	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0	99.85	96.2	538
862	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.8	99.88	94	538
863	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	99.95	98.8	575
864	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	99.82	92.6	531
865	C ₁₁ H ₁₄ O ₃	Butyl salicylate	268.2	99.9	95.8	981
866	C ₁₁ H ₁₄ O ₃	Ethyl 6-formylbicyclo[2.2.1]hept-5-en-2-carboxylate		100	97	981
867	C ₁₁ H ₁₆ O ₃	Allyl 6-methyl-3,4-epoxycyclohexane-carboxylate	251.4	100	98.1	981
868	C ₁₁ H ₁₈ O ₂	Isopropyl 6-methyl-3-cyclohexene-carboxylate	215.2	99.7	84	981
869	C ₁₁ H ₂₀ O	5-Ethyl-3-nonan-2-one	226.4	99.6	92	981
870	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.2	98.55	68	538
871	C ₁₁ H ₂₀ O	Methyl terpineol ether	216.2	99.3	83	575
872	C ₁₁ H ₂₀ O ₄	Diethyl pimelate	268.1	100	98.3	981
873	C ₁₁ H ₂₂ O	5-Ethyl-2-nonanone	222.9	99.6	87.1	981
874	C ₁₁ H ₂₂ O ₂	2,6-Dimethyl-4-heptyl acetate	192.2	98.7	67.6	981
875	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	99.6	88	575
876	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	99.75	91	575
877	C ₁₁ H ₂₂ O ₃	4-Methoxy-2,6-dipropyl-1,3-dioxane	223.6	99.6	88.1	981
878	C ₁₁ H ₂₄	Undecane	194.5	98.85	96	968
879	C ₁₁ H ₂₄ O	5-Ethyl-2-nonanol	225.4	99.7	89.1	981
880	C ₁₁ H ₂₄ O ₂	Diamyloxymethane	221.6	99.2	93	324
881	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	207	99.3	78.8	45,970
882	C ₁₁ H ₂₄ O ₂	2,2-Dibutoxypropane		98.9	69.6	981
883	C ₁₁ H ₂₄ O ₂	2,6-Dimethyl-4-heptyloxyethanol	225.5	99.9	91	981
884	C ₁₁ H ₂₄ O ₄	1,1,3,3-Tetraethoxypropane	220.1	99.8	87.4	981
885	C ₁₁ H ₂₅ NO	1-Dibutylamino-2-propanol	229.1	99.8	88.4	981
886	C ₁₂ H ₁₀ O	<i>o</i> -Phenylphenol		99.95	98.75	266

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	H₂O	Water (continued)	100			
887	C ₁₂ H ₁₀ O	Phenyl ether	259.3	99.33	96.75	531
888	C ₁₂ H ₁₄ O ₄	Ethyl phthalate	298.5	99.98	98	575
889	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.3	99.9	95.6	531
890	C ₁₂ H ₁₈ O	Triisobutylene oxide		99.3	72	981
891	C ₁₂ H ₁₉ N	<i>N</i> -Butyl- α -methyl- benzylamine	239.3	99.8	92	981
892	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	99.62	87.3	531
893	C ₁₂ H ₂₀ O ₂	<i>sec</i> -Butyl-6-methyl- 3-cyclohexene- carboxylate		100	92	981
894	C ₁₂ H ₂₀ O ₄	Dibutyl fumarate	285.2	99.9	98.5	981
895	C ₁₂ H ₂₀ O ₄	Dibutyl maleate	280.6	99.9	98.4	981
896	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	98.9	75	575
897	C ₁₂ H ₂₂ O ₂	2-Ethylhexyl crotonate	241.2	99.9	93.4	981
898	C ₁₂ H ₂₂ O ₂	Vinyl decanoate (isomers)		99.9	88	981
899	C ₁₂ H ₂₂ O ₄	Diethyl 2-ethyl- 3-methylglutarate	255.8	100	97.1	981
900	C ₁₂ H ₂₃ N	Dicyclohexylamine	255.8	Nonazeotrope		139
901	C ₁₂ H ₂₄ O	2,6,8-Trimethyl- 4-nonanone	218.2	99	84	981
902	C ₁₂ H ₂₄ O ₂	2-Ethylbutyl 2- ethylbutyrate	222.6	99.6	85.6	981
903	C ₁₂ H ₂₄ O ₂	2-Ethylbutyl hexanoate	236.2	99.7	91.2	981
904	C ₁₂ H ₂₄ O ₂	Hexyl 2-ethylbutyrate	230.3	99.7	88.8	981
905	C ₁₂ H ₂₄ O ₂	Hexyl hexanoate	245.2	99.8	93.3	981
906	C ₁₂ H ₂₄ O ₃	2,2-Dibutoxy-3- butanone	228-230	97-8		119
907	C ₁₂ H ₂₄ O ₃	2,2-Diisobutoxy-3- butanone	214-215	98		119
908	C ₁₂ H ₂₆	Dodecane	214.5	99.45	98	968
909	C ₁₂ H ₂₆ O	2-Butyl-1-octanol	253.4	99.9	97.5	981
910	C ₁₂ H ₂₆ O	2,6,8-Trimethyl- 4-nonanol	225.5	99.6	89.7	982
911	C ₁₂ H ₂₆ O ₂	Acetaldehyde diamyl acetal	225.3	99.8	85.5	45
912	C ₁₂ H ₂₆ O ₂	Acetaldehyde diisoamyl acetal	213.6	99.3	78.8	45
913	C ₁₂ H ₂₆ O ₂	1,1-Diethoxy- 2-ethylhexane	207.8	99.3	78.6	981
914	C ₁₂ H ₂₆ O ₂	3-Ethoxy-4-ethyl- octanol	249.2	100	98	981
915	C ₁₂ H ₂₆ O ₃	Bis(2-butoxyethyl) ether	254.6	99.8	94.7	981
916	C ₁₂ H ₂₆ O ₃	1,1,3-Triethoxyhexane		99.6	85	981
917	C ₁₂ H ₂₇ N	Dihexylamine	239.8	99.8	92.8	981
918	C ₁₂ H ₂₇ N	Tributylamine	213.9	99.65	79.7 v-1	481c

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	H ₂ O	Water (<i>continued</i>)	100			
919	C ₁₂ H ₂₇ O ₄ P	Tributyl phosphate		100	99.4	981
920	C ₁₃ H ₂₄ O ₂	Decyl acrylate (isomers)		99.9	94.9	981
921	C ₁₄ H ₂₂ O	2-(Ethylhexyl)phenol	297.0	100	> 99	981
922	C ₁₄ H ₂₃ N	<i>N</i> -(Ethylhexyl)aniline		100	99.3	981
923	C ₁₄ H ₂₄	1,3,6,8-Tetramethyl- 1,6-cyclodecadiene	220.5	99.5	82.3	981
924	C ₁₄ H ₂₆ O ₄	Dibutyl adipate		100	>99	981
925	C ₁₄ H ₂₆ O	Trimethylnonyl vinyl ether	223.4	99.6	84.3	981
926	C ₁₄ H ₂₈ O ₂	2-Ethylbutyl 2-ethyl- hexanoate	261.5	99.9	95.8	981
927	C ₁₄ H ₂₈ O ₂	2-Ethylhexyl 2-ethyl- butyrate	252.8	99.9	94.8	981
928	C ₁₄ H ₂₈ O ₂	2-Ethylhexyl hexanoate	267.2	99.9	96.4	981
929	C ₁₄ H ₂₈ O ₂	Hexyl 2-ethyl- hexanoate	254.3	99.9	94.6	981
930	C ₁₄ H ₂₈ N	<i>N</i> -(2-Ethylhexyl) cyclohexylamine		100	99.7	981
931	C ₁₄ H ₃₀ O	7-Ethyl-2-methyl- 4-undecanol	264.3	99.9	96.3	981
932	C ₁₄ H ₃₀ O ₂	2-(2,6,8-Trimethyl- 4-nonyloxy)ethanol		100	99.0	981
933	C ₁₅ H ₂₈ O ₄	Dibutyl pimelate		100	>99.5	981
934	C ₁₅ H ₃₂ O	2,8-Dimethyl-6- isobutyl-4-nonanol	265.4	99.9	97.2	981
935	C ₁₆ H ₁₈ O	Bis(α -methylbenzyl) ether	286.7	100	98.7	981
936	C ₁₆ H ₂₈ O ₄	Bis(4-methyl-2- pentyl) maleate		100	99	981
937	C ₁₆ H ₃₀ O ₂	Tridecyl acrylate		100	98.8	981
938	C ₁₆ H ₃₁ N	Bis(methylcyclohexyl- methyl) amine		100	99.45	981
939	C ₁₆ H ₃₂ O ₂	2-Ethylhexyl 2- ethylhexanoate	280.4	99.9	97.9	981
940	C ₁₆ H ₃₄ O	Bis(2-ethylhexyl) ether	269.8	99.8	96.4	981
941	C ₁₆ H ₃₅ N	Bis(2-ethylhexyl) amine	280.7	100	97.6	981
942	C ₁₇ H ₃₆ O	3,9-Diethyl-6- tridecanol	309	100	>99	981
943	C ₁₈ H ₂₄ N ₂	Bis(α -methylbenzyl) ethylenediamine		100	>99.9	981
944	C ₁₈ H ₃₈ O ₂	1,1-Bis(2-ethylhexyloxy) ethane		99.0	99.9	981
945	C ₁₈ H ₃₉ NO	2-[Bis(2-ethylhexyl) amino]ethanol		100	>99.5	981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	H₂O	Water (continued)	100			
946	C ₂₀ H ₃₆ O ₄	Bis(2-ethylhexyl) fumarate		100	>99.9	981
947	C ₂₀ H ₃₆ O ₄	Bis(2-ethylhexyl) maleate		100	>99.9	981
948	C ₂₀ H ₄₀ O ₃	2-Ethylhexyl 3- (2-ethylhexyloxy) butyrate		100	>99.5	981
949	C ₂₀ H ₄₂ O	Decyl ether (isomers)		100	99.6	981
950	C ₂₀ H ₄₂ O	Eicosanol (isomers)		100	99.8	981
951	C ₂₀ H ₄₃ N	Didecylamine (isomers)		100	99.6	981
952	C ₂₁ H ₃₈ O ₃	Allyl 9,10-epoxystearate		Nonazeotrope		981
953	C ₂₄ H ₅₂ O ₄ Si	Tetra(2-ethylbutoxy) silane		100	99.9	981
954	C ₃₁ H ₅₈ O ₆	Tri(2-ethylhexyl) 1,2,4-butane- tricarboxylate		100	99.8	981
A =	H₂S	Hydrogen Sulfide	— 59.6			
955	C ₂ H ₆	Ethane 200 p.s.i.g.		— 21.6	7.9 v-1	443
		“ 300 p.s.i.g.		— 6.5	11.6 v-1	443
		“ 400 p.s.i.g.		5	14.5 v-1	443
		“ 500 p.s.i.g.		15	17.1 v-1	443
		“ 600 p.s.i.g.		23.5	19.6 v-1	443
956	C ₃ H ₈	Propane 200 p.s.i.g.		7.8	75.2 v-1	445
		“ 400 p.s.i.g.		37.1	82 v-1	445
		“ 600 p.s.i.g.		56	83.7 v-1	445
		“ 800 p.s.i.g.		72	87.2 v-1	445
		“ 1000 p.s.i.g.		84.2	89.9 v-1	445
		“ 1200 p.s.i.g.		95	92.7 v-1	445
A =	H₂N	Ammonia	— 33.5			
956a	H ₄ N ₂	Hydrazine —40°–50°C.		Nonazeotrope		v-1 31h
957	CH ₅ N	Methylamine	— 6.32	Nonazeotrope		818
958	C ₂ H ₂	Acetylene 15–65°C.		Nonazeotrope		v-1 524
959	C ₂ H ₃ Cl	Chloroethylene 15 atmos.		38.6	66.5 v-1	138
960	C ₂ H ₆ O	Methyl ether		— 37.5	42.6 v-1	770
		“		— 60	38.6 v-1	770
		“	— 23	— 37	42.5	378
		“ 11 atm.		25	56	378
961	C ₂ H ₇ N	Dimethylamine	6.88	Nonazeotrope		818
962	C ₂ H ₇ N	Ethylamine, (0°–30° C.)		Nonazeotrope		981
963	C ₃ H ₄	Propadiene	— 32	— 45	44.3	356
964	C ₃ H ₄	Propyne	— 23	— 35	75	215
		“ 498 mm.		— 43.9	54.6 v-1	871
		“ 248 mm.		— 56.7	46.3 v-1	871
		“ 94 mm.		— 70.5	47.5 v-1	871

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A = H₂N		Ammonia (continued)	-33.5			
965	C ₃ H ₅ F	2-Fluoropropene	— 24	— 40.5	34	356
966	C ₃ H ₆	Cyclopropane	— 31.5	— 44	20	215
967	C ₃ H ₆	Propene 1200 mm.	— 34.2	— 40	10-15	215
968	C ₃ H ₈	Propane	— 42	— 44	5-10	215
969	C ₃ H ₇ O	Propyl alcohol	97.2	Nonazeotrope		813
970	C ₃ H ₉ N	Trimethylamine	2.87	— 34	73	20,818
		" 210 p.s.i.g.			82	818
971	C ₄ H ₂	Diacetylene				
		-35 to -45°		Nonazeotrope		v-l 871
972	C ₄ H ₄	Vinylacetylene				
		-35 to -55°		Nonazeotrope		v-l 871
973	C ₄ H ₆	1,3-Butadiene	— 4.5	— 37	55	215
974	C ₄ H ₆	1-Butyne	7	Nonazeotrope		215
975	C ₄ H ₈	1-Butene	— 6	— 37.5	45	215
976	C ₄ H ₈	2-Methylpropene	— 6	— 38.5	45	215
977	C ₄ H ₁₀	Butane	— 0.5	— 37.1	45	215
		"		— 37.0	54	378
		" 375 p.s.i.g.		55.5	57	195
		" 300 p.s.i.g.		43	56.8	v-l 444
		" 500 p.s.i.g.		66	59.0	v-l 444
		" 700 p.s.i.g.		81	60.9	v-l 444
		" 900 p.s.i.g.		94	62.1	v-l 444
		" 1100 p.s.i.g.		104	63.4	v-l 444
978	C ₄ H ₁₀	2-Methylpropane	— 10	— 38.4	35	215
		" 12 atm.		25	45	378
979	C ₅ H ₁₂	2-Methylbutane	27.6	— 34.5	65	215
980	C ₈ H ₁₈	Iso-octane,				
		" 200-1600 p.s.i.g.				v-l 446
		" >1400 p.s.i.g.		Min. b.p. 98-100%		v-l 446
A = H₂N₂		Hydrazine	113.5			
981	C ₂ H ₈ N ₂	1,1-Dimethylhydra- zine 250-760 mm.				
				Nonazeotrope		v-l 656,736
A = H₄Si		Silane	-111.86			
982	C ₂ H ₄	Ethylene	—103.7	v.p. curve		1074
A = He		Helium	-268.9			
982a	Ne	Neon 26.95°-41.90°K.				v-l 372c
983	CH ₄	Methane 5-170 atm.		Nonazeotrope		v-l 450
		" 95°-185°K.				v-l 372e
A = Kr		Krypton	-152			
983a	C ₃ H ₈	Propylene	— 48			v-l 63e
A = NO		Nitric Oxide	-153.6			
984	NO ₂	Nitrogen peroxide	26	Nonazeotrope		575
A = N₂		Nitrogen	-196			
984a	N ₂ O	Nitrous oxide				
		4-45 atm.				v-l 850c
985	Ne	Neon				
		66.13-120°K				v-l 926

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	N ₂	Nitrogen (<i>continued</i>)	—196			
986	O ₂	Oxygen	—183	Nonazeotrope		813
		“ 1.36 kg./cm ²			v-l	685c
987	CH ₄	Methane	—164	Nonazeotrope		575
A =	N ₂ O	Nitrous Oxide	15			
988	C ₂ H ₆	Ethane, 45 atm.	28	12.8	80	563
				Min. b.p.	85.5	499
A =	O ₂ S	Sulfur Dioxide	— 10			
988a	O ₃ S	Sulfur trioxide				
		“ 760 mm.			v-l	200a
		“ 850 mm.			v-l	200a
988b	CH ₃ O	Methanol 20°–40°C.		Nonazeotrope	v-l	44c
989	CH ₃ S	Methanethiol	6.8	Nonazeotrope		575
990	C ₂ H ₄	Ethylene	— 103.9	Nonazeotrope		349
991	C ₂ H ₆	Ethane	— 83.3	Min. b.p.		349
992	C ₂ H ₆ O	Methyl ether				
		“ 6.6 atm.		56.1	60	82
		“ 12.1 atm.		77.1	60	82
		“ 26.7 atm.		108.7	60	82
		“ — 23.6		0	65	279
		“		0.4	65.8	v-l 770c
993	C ₃ H ₆	Propene	— 48	Nonazeotrope		349,985
993a	C ₃ H ₆ O	Acetone 20°–40°C.		Nonazeotrope	v-l	44c
993b	C ₃ H ₆ O ₂	Methyl acetate				
		“ 20°–40°C.		Nonazeotrope	v-l	44c
994	C ₃ H ₈	Propane, 7 kg./cm ²			22	349,985
		“		Azeotropic at all pressures		985
995	C ₄ H ₈	1-Butene	— 6.7	—16	61	292,636
		“ 2.37 atm.		3	62	636
996	C ₄ H ₈	2-Methylpropene	— 6.7	—14	59	636
		“ 0.46 atm.		—30	57	636
		“ 2.40 atm.		3	66	636
997	C ₄ H ₈	<i>trans</i> -2-Butene	1.0	—14	71	636
		“ 0.46 atm.		—29	70	636
		“ 2.05 atm.		3	75	636
998	C ₄ H ₈	<i>cis</i> -2-Butene	3.7	—13	72	636
		“ 2.05 atm.		3	75	636
999	C ₄ H ₁₀	Butane	— 0.6	—18	63.3	636
		“ 0.46 atm.		—35	62	636
		“ 2.65 atm.		3	66	636
1000	C ₄ H ₁₀	2-Methylpropane	— 12.4	—24		636
		“ 3.17 atm.		3	57.4	636
1001	C ₅ H ₁₀	2-Methyl-1-butene	32.0		Min. b.p.	292
1002	C ₅ H ₁₀	3-Methyl-1-butene	21.2		Min. b.p.	292
1003	C ₅ H ₁₀	2-Methyl-2-butene	37.7		Min. b.p.	292
1004	C ₅ H ₁₀	1-Pentene	30.2		Min. b.p.	292
1005	C ₅ H ₁₀	2-Pentene	35.8		Min. b.p.	292
1006	C ₅ H ₁₂	2-Methylbutane	27.9		Min. b.p.	292
1007	C ₅ H ₁₂	Pentane	36.2		Min. b.p.	292

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	Pb	Lead	1525			
1008	Sn	Tin	2275	Nonazeotrope		563
A =	S	Sulfur	444.6			
1009	Se	Selenium	688	Compound formation		
1009a	Te	Tellurium		Nonazeotrope	v-l	13,206
					v-l	486c
A =	Se	Selenium				
1010	Te	Tellurium 50-760 mm.		Nonazeotrope	v-l	486c
A =	Xe	Xenon	-109			
1010a	C ₃ H ₆	Propylene	-48	Nonazeotrope	v-l	63e
A =	CCl₂F₂	Dichlorodifluoromethane	-29.8			
1011	CHClF ₂	Chlorodifluoromethane	-40.8	-41.4	25	231
		" 4.93 atm.	0.04	0.00	2.1	745
		" 2059 mm.		Nonazeotrope		1019
		" -60°-70°C.		effect of press.	v-l	491c
1012	CH ₃ Cl	Chloromethane, 5380 mm.	33.5	25.0	78	796
1013	C ₂ H ₂ F ₄	1,1,2,2-Tetrafluoroethane	-19.7	-33.1	72	508
1014	C ₂ H ₄ F ₂	1,1-Difluoroethane		0	74,	v-l 746
		52.72 p.s.i.g.		-30.5	77.55	744
		"		0.00	73.80	744
		"		24.90	71.22	744
		"		40.08	69.31	744
		" 60 p.s.i.a.		4.44	76.2	795
		" 112 p.s.i.a.		25	74	795
1015	C ₂ H ₆ O	Methyl ether 2340 mm.	6	0	90	796
1016	C ₃ F ₆	Hexafluoropropene 2059 mm.	-6.1	-7.1	46.3	v-l 1019
1017	C ₃ HF ₇	Heptafluoropropane 2328 mm.	17	0.00	86.5	745
1018	C ₄ F ₈	Perfluorocyclobutane 2059 mm.	21	Nonazeotrope		1019
A =	CCl₃F	Trichlorofluoromethane	24.9			
1019	C ₂ H ₄ O	Acetaldehyde	20.2	15.6	55	279
1020	C ₂ H ₄ O ₂	Methyl formate	32	20	82	279
1021	C ₅ H ₁₂	2-Methylbutane	27	23.16	92	225
A =	CCl₃NO₂	Trichloronitromethane	111.9			
1022	CHBrCl ₂	Bromodichloromethane	90.1	Nonazeotrope		554
1023	CH ₂ Br ₂	Dibromomethane	97.0	Nonazeotrope		554
1024	CH ₂ O ₂	Formic acid	100.75	91		543
1025	CH ₃ NO ₂	Nitromethane	101.2	<100.4	<15	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CCl_3NO_2	Trichloronitromethane	111.9			
		<i>(continued)</i>				
1026	CH_4O	Methanol	64.65	Nonazeotrope		554
1027	C_2Cl_4	Tetrachloroethylene	121.1	Nonazeotrope		554
1028	$\text{C}_2\text{H}_4\text{O}_2$	Acetic acid	118.1	107.65	80.5	554
1029	$\text{C}_2\text{H}_5\text{ClO}$	2-Chloroethanol	128.6	108.9	85	554
1030	$\text{C}_2\text{H}_5\text{O}$	Ethyl alcohol	78.32	77.5	34	554
1031	$\text{C}_3\text{H}_5\text{ClO}$	Epichlorohydrin	116.45	~106		563
1032	$\text{C}_3\text{H}_5\text{I}$	3-Iodopropene	101.8	Nonazeotrope		554
1033	$\text{C}_3\text{H}_6\text{Cl}_2$	1,3-Dichloropropane	129.8	Nonazeotrope		554
1034	$\text{C}_3\text{H}_7\text{O}$	Allyl alcohol	96.85	94.2	56	554,875
1035	$\text{C}_3\text{H}_7\text{O}_2$	Propionic acid	141.3	Nonazeotrope		554
1036	$\text{C}_3\text{H}_7\text{ClO}$	1-Chloro-2-propanol	127.0	<110.8	<96	554
1037	$\text{C}_3\text{H}_7\text{I}$	1-Iodopropane	102.4	Nonazeotrope		554
1038	$\text{C}_3\text{H}_7\text{O}$	Isopropyl alcohol	82.4	81.95	35	554
1039	$\text{C}_3\text{H}_7\text{O}$	Propyl alcohol	97.2	94.05	58.5	554
1040	$\text{C}_3\text{H}_8\text{O}_2$	2-Methoxyethanol	124.5	<110.5	<82	554
1041	$\text{C}_4\text{H}_8\text{O}_2$	Dioxane	101.35	Nonazeotrope		554
1042	$\text{C}_4\text{H}_8\text{O}_2$	Isobutyric acid	154.6	Nonazeotrope		554
1043	$\text{C}_4\text{H}_8\text{S}$	Tetrahydrothiophene	118.8	Nonazeotrope		566
1044	$\text{C}_4\text{H}_9\text{Br}$	1-Bromobutane	101.5	Nonazeotrope		554
1045	$\text{C}_4\text{H}_9\text{I}$	1-Iodo-2-methylpropane	120.8	Nonazeotrope		554
1046	$\text{C}_4\text{H}_{10}\text{O}$	<i>n</i> -Butyl alcohol	117.8	106.65	80	554
1047	$\text{C}_4\text{H}_{10}\text{O}$	<i>sec</i> -Butyl alcohol	99.5	96.1	60	554
1048	$\text{C}_4\text{H}_{10}\text{O}$	<i>tert</i> -Butyl alcohol	82.45	82.25	37	554
1049	$\text{C}_4\text{H}_{10}\text{O}$	Isobutyl alcohol	108.0	102.05	68	554
1050	$\text{C}_4\text{H}_{10}\text{S}$	Butanethiol	97.5	Nonazeotrope		575
1051	$\text{C}_5\text{H}_5\text{N}$	Pyridine	115.4	Nonazeotrope		553
1052	$\text{C}_5\text{H}_{10}\text{O}$	Isovaleraldehyde	92.1	Nonazeotrope		554
1053	$\text{C}_5\text{H}_{10}\text{O}$	3-Pentanone	102.05	Nonazeotrope		575
1054	$\text{C}_5\text{H}_{10}\text{O}_2$	Ethyl propionate	99.1	Nonazeotrope		554
1055	$\text{C}_5\text{H}_{10}\text{O}_2$	Methyl butyrate	102.65	Nonazeotrope		554
1056	$\text{C}_5\text{H}_{10}\text{O}_2$	Propyl acetate	101.6	Nonazeotrope		532
1057	$\text{C}_5\text{H}_{11}\text{Br}$	1-Bromo-3-methylbutane	120.65	Nonazeotrope		554
1058	$\text{C}_5\text{H}_{11}\text{Cl}$	1-Chloro-3-methylbutane	99.4	Nonazeotrope		554
1059	$\text{C}_5\text{H}_{12}\text{O}$	<i>tert</i> -Amyl alcohol	102.35	98.9	65	554
1060	$\text{C}_5\text{H}_{12}\text{O}$	Isoamyl alcohol	131.9	111.15	93	554
1061	$\text{C}_5\text{H}_{12}\text{O}$	3-Methyl-2-butanol	112.9	<106.5	<80	554
1062	$\text{C}_5\text{H}_{12}\text{O}$	2-Pentanol	119.8	108.0	83	554
1063	$\text{C}_5\text{H}_{12}\text{O}$	3-Pentanol	116.0	<107.3	<82	554
1064	C_6H_6	Benzene	80.15	Nonazeotrope		554
1065	C_6H_{10}	Cyclohexene	82.75	Nonazeotrope		554
1066	C_6H_{12}	Cyclohexane	80.75	Nonazeotrope		554
1067	$\text{C}_6\text{H}_{12}\text{O}$	Cyclohexanol	160.8	Nonazeotrope		554
1068	$\text{C}_6\text{H}_{12}\text{O}$	3-Hexanone	123.3	Nonazeotrope		575
1069	$\text{C}_6\text{H}_{12}\text{O}_2$	Ethyl isobutyrate	110.1	Nonazeotrope		532
1070	$\text{C}_6\text{H}_{12}\text{O}_2$	Isobutyl acetate	117.4	Nonazeotrope		554
1071	$\text{C}_6\text{H}_{12}\text{O}_2$	Methyl isovalerate	116.5	Nonazeotrope		554
1072	$\text{C}_6\text{H}_{14}\text{O}$	<i>n</i> -Hexyl alcohol	157.85	Nonazeotrope		554

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CCl₃NO₂	Trichloronitromethane	111.9			
		<i>(continued)</i>				
1073	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		554
1074	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		566
1075	C ₇ H ₈	Toluene	110.75	Nonazeotrope		554
1076	C ₇ H ₁₄	Methylcyclohexane	101.15	100.8	27	554
1077	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		554
1078	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	98.32	7	554
1079	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.15	Nonazeotrope		554
1080	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		554
1081	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		554
1082	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	111.0	80	554
1083	C ₈ H ₁₈	2,5-Dimethylhexane	109.3	<107.5	<55	554
1084	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		554
A = CCl₄		Carbon Tetrachloride	76.75			
1085	CS ₂	Carbon disulfide	46.25	Nonazeotrope		v-l 734
1086	CHCl ₃	Chloroform	61.2	Nonazeotrope		v-l 371,930c
1087	CH ₂ O ₂	Formic acid	100.7	66.65	81.5	563
1087a	CH ₃ Cl ₃ Si	Trichloromethylsilane				
		65°–74°C.		Nonazeotrope		v-l 522g
1088	CH ₃ NO ₂	Nitromethane	101.2	71.3	83	554
		303 mm.		45	89.4	91
1089	CH ₃ NO ₃	Methyl nitrate	64.8	<63.5		560
1090	CH ₄ O	Methanol	64.7	55.7	79.44	563,903, 1045
			64.7			v-l 710
1091	C ₂ Cl ₄	Tetrachloroethylene	120.8	Nonazeotrope,		v-l 641
1092	C ₂ F ₄ N ₂ O ₄	1,1,2,2-Tetrafluorodinitroethane		62	23.4	288
1093	C ₂ HCl ₃	Trichloroethylene	86.2	Ideal system		v-l 501
1094	C ₂ H ₃ Cl ₃ O ₂	Chloral hydrate	97.5	~76		563
1095	C ₂ H ₃ N	Acetonitrile	81.6	65.1	83	527
		371.2 mm		45	84.5	v-l 91
				65.9	83.8	v-l 635c
1095a	C ₂ H ₃ NO	Methyl isocyanate	37.9	Nonazeotrope		v-l 45c
1096	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.5	Nonazeotrope		563
1097	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57			v-l 435
1098	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	82.85	75.3	78.4,	v-l 465,1047
			83.45	75.5	80	581
1099	C ₂ H ₄ O ₂	Acetic acid				
		<50 mm.		Nonazeotrope		368
		90 mm.		18.7	99.28	368
		340 mm.		51.5	99.42	368
		530 mm.		64.6	99	368
		760 mm.	118.1	76	98.46	368
		1080 mm.		90	97.7	368
		1400 mm.			97.0	368
			118.5	76.55	97	542
		20°C.		Nonazeotrope		v-l 587c

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.	
A =	CCl₄	Carbon Tetrachloride	76.75				
		<i>(continued)</i>					
1100	C ₂ H ₅ Br	1-Bromoethane	38.4	Nonazeotrope		575	
1101	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.5	Nonazeotrope		556	
1102	C ₂ H ₅ I	Iodoethane	72.3	Nonazeotrope		549	
		"	72.3	Min. b.p.		814	
1103	C ₂ H ₅ NO ₂	Nitroethane	25°C	Nonazeotrope		v-1 845	
1104	C ₂ H ₅ NO ₃	Ethyl nitrate	87.68	74.95	84.5	536	
1105	C ₂ H ₆ O	Ethyl alcohol	78.3	65.04	84.2	v-1 385	
		"	78.3	65	84	v-1 386	
		"	78.3	65.08	84.15	574	
		"	200 mm.	32.1	90	} 371, 382, 854, 855,978	
		"	380 mm.	47.0	85		
		"	760 mm.	64.9	80		
		"	600 mm.	58.4	86		v-1 73c
		"	752 mm.	64.6	85	v-1 73c	
"	900 mm.	69.4	81	v-1 73c			
1106	C ₃ H ₃ N	Acrylonitrile	77.3	66.2	79	215	
1107	C ₃ H ₅ ClO	Epichlorohydrin	116.4	Nonazeotrope		556	
1108	C ₃ H ₆ O	Acetone	56.15	56.08	11.5	29,371,551	
		"	513.2 mm.	45	9	v-1 92	
		"	300 mm.	31.29	31.22	9.03	v-1 32
		"	450 mm.	41.56	41.47	11.80	v-1 32
		"	600 mm.	49.36	49.26	12.48	v-1 32
"	760 mm.	56.08	55.98	12.6	v-1 32		
1109	C ₃ H ₆ O	Allyl alcohol	97.1	72.3	88.5	981	
		"		72.6	79.6	v-1 1	
		"	96.9	72.5	91.15	358,563, 875	
1110	C ₃ H ₆ O ₂	Methyl acetate	57.0	Nonazeotrope		563	
		"	57.1			v-1 682	
1111	C ₃ H ₆ O ₃	Methyl carbonate	90.25	75.75	88	527	
		"	90.35	Nonazeotrope		547	
1112	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		549	
1113	C ₃ H ₇ NO ₂	1-Nitropropane	25°	Nonazeotrope		v-1 845	
1114	C ₃ H ₇ NO ₂	2-Nitropropane	25°	Nonazeotrope		v-1 845	
1115	C ₃ H ₈ O	Isopropyl alcohol	82.5	68.65	81.9	v-1 1037, 1049	
		"	82.45	68.95	82	572, 1051	
1116	C ₃ H ₈ O	Propyl alcohol	97.25	73.4	92.1,	v-1 133, 389,574, 1051	
		"	20-40°C			v-1 629	
		"	97.2	72.8	88.5	981	
1117	C ₃ H ₉ SiCl	Chlorotrimethylsilane	57.5	Nonazeotrope		844	
1118	C ₃ H ₉ BO ₃	Methyl borate	68.7	Nonazeotrope		547	
1119	C ₄ H ₄ S	Thiophene	84	Nonazeotrope		527	

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CCl ₄	Carbon Tetrachloride	76.75			
		(continued)				
1119a	C ₄ H ₆	1,3-Butadiene	25°C.			v-1 1030c
1120	C ₄ H ₈ O ₂	Allyl formate	80.0	74.3	66	562
1121	C ₄ H ₈ O	2-Butanone	79.6	73.8	71	29,552
		"				v-1 598c
		" 342 mm.		50.0	84.3	v-1 287
		"	79.6	73.7	81.6	v-1 287,501
1122	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		575
1123	C ₄ H ₈ O ₂	Butyric acid	163.5	Nonazeotrope		678
1124	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		559
		" 20-30°				v-1 916
1125	C ₄ H ₈ O ₂	Ethyl acetate	76.7	74.8	57	981
		" 789.2 mm.		76.15	68.7	858
		" 583.7 mm.		66.72	73.0	858
		" 484.5 mm.		61.32	75.4	858
		" 385.2 mm.		55.22	78.6	858
		" 285.7 mm.		47.36	82.2	858
		" 685.0 mm.		71.56	70.9,	v-1 858,978
		" 20-30°C				v-1 916
1126	C ₄ H ₈ O ₂	Isopropyl formate	68.8	68.0	12	562
1127	C ₄ H ₈ O ₂	Methyl propionate	79.85	76.0	~75	573
1128	C ₄ H ₈ O ₂	Propyl formate	80.8	74.6	60	572
1129	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	Nonazeotrope		563
1130	C ₄ H ₉ ClO	2-Chloroethyl ethyl ether	98.5	Nonazeotrope		575
1131	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	75.3	70	550
1132	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		550
1133	C ₄ H ₁₀ O	Butyl alcohol	117.75	76.55	97.5	574
		"	117.75	76.55	97.6	v-1 386,385
1134	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	74.6	92.4	215
		"	99.4	74	92	623c
1135	C ₄ H ₁₀ O	tert-Butyl alcohol	82.55	71.1	83	29,527
1136	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		v-1 978
1137	C ₄ H ₁₀ O	Isobutyl alcohol	108	75.8	94.5	563,1051
1138	C ₄ H ₁₀ S	Ethyl sulfide	92.2	Nonazeotrope		532
1139	C ₄ H ₁₁ N	Diethylamine 20-40°C		Nonazeotrope		v-1 457
1140	C ₅ H ₄ O ₂	2-Furaldehyde	162	Nonazeotrope		v-1 1029
1141	C ₅ H ₅ N	Pyridine	115.5	Nonazeotrope		563
1141a	C ₆ H ₁₀	Cyclopentane	49.3	Nonazeotrope		v-1 815c,304c
1142	C ₅ H ₁₀ O	Isovaleraldehyde	92.1	Nonazeotrope		575
1143	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		552
1143a	C ₅ H ₁₀ O	2-Methyl-3-buten-2-ol	97	75.3	94.2	581c
1144	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		575
1145	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	Nonazeotrope		547
1146	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	Nonazeotrope		563
1147	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		550
1147a	C ₅ H ₁₂ O	Amyl alcohol	744 mm.			v-1 213c

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CCl₄	Carbon Tetrachloride	76.75			
		<i>(continued)</i>				
1148	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.25	76.57	95.5	525
1149	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	Nonazeotrope		527
1150	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		575
1151	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		575
1152	C ₆ H ₅ Cl	Chlorobenzene	131.8	Nonazeotrope		563
1153	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
		"	25°	Nonazeotrope	v-l	845
1154	C ₆ H ₆	Benzene,	<280 mm.	80.1	Azeotropic	113
		"	100 mm.	80.1	51.93 99	113
		"		80.12	Nonazeotrope,	v-l 123,
		"				389,855,
		"		80.1	Min. b.p. 98	v-l 1045,815c,304c
		"	40°C.		Nonazeotrope	v-l 286
		"	760 mm.	80.1	Nonazeotrope	v-l 286
		"	>1800 mm.		Min. b.p.	286
		"	15-35°C		Nonazeotrope	v-l 628
		"			Nonazeotrope	v-l 598
1155	C ₆ H ₆ O	Phenol	24-50°C.		Nonazeotrope	v-l 149
1156	C ₆ H ₈	1,3-Cyclohexadiene	80.8		Azeotrope doubtful	563
1157	C ₆ H ₈	1,4-Cyclohexadiene	85.6		Nonazeotrope	563
1158	C ₆ H ₁₀	Cyclohexene	82.75		Nonazeotrope	563
		"	82.75		Nonazeotrope	v-l 815c
1159	C ₆ H ₁₂	Cyclohexane,	40-70°C.	80.75	Nonazeotrope,	v-l 847
		"		80.75	76.5	562
		"		80.7	Nonazeotrope	v-l 598,1049,
		"				815c
		"	20-40°C		Nonazeotrope	v-l 457
1159a	C ₆ H ₁₂	1-Hexene	63.6		Nonazeotrope	v-l 815c
1160	C ₆ H ₁₂	Methylcyclopentane	72.0	<71.6	<32	562
		"	72.0		Nonazeotrope	v-l 815c
1161	C ₆ H ₁₂ O ₂	Butyl acetate	126.2		Nonazeotrope	v-l 108
1161a	C ₆ H ₁₄	2,2-Dimethylbutane	49.7		Nonazeotrope	v-l 815c
1161b	C ₆ H ₁₄	2,3-Dimethylbutane	58.0		Nonazeotrope	v-l 815c
1162	C ₆ H ₁₄	Hexane	68.95		Azeotrope doubtful	563
		"	68.9		Nonazeotrope	v-l 815c
1162a	C ₆ H ₁₄	2-Methylpentane	60.4		Nonazeotrope	v-l 815c
1162b	C ₆ H ₁₄	3-Methylpentane	63.3		Nonazeotrope	v-l 815c
1163	C ₆ H ₁₄ O	Isopropyl ether				
			685-2280 mm.		Nonazeotrope	v-l 995,994c
1164	C ₆ H ₁₄ O	Propyl ether	90.55		Nonazeotrope	548
1165	C ₆ H ₁₄ O ₂	Acetal	104.5		Nonazeotrope	563
1166	C ₇ H ₈	Toluene	110.3		Nonazeotrope	388
		"			B.p. curve	388
		"	110.7		Nonazeotrope	v-l 815c
1166a	C ₇ H ₁₄	Methylcyclohexane	101.6		Nonazeotrope	v-l 815c
1166b	C ₇ H ₁₆	2,4-Dimethylpentane	80.8	76.3	86	v-l 815c

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CCl₄	Carbon Tetrachloride	76.75			
		<i>(continued)</i>				
1167	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		899
		"	98.4	Vapor pressure data		
1167a	C ₈ H ₁₀	Ethylbenzene	136	Nonazeotrope	v-1	815c
1167b	C ₈ H ₁₀	<i>m</i> -Xylene	139	Nonazeotrope	v-1	815c
1167c	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		815c
1167d	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	Nonazeotrope		815c
1167e	C ₈ H ₁₆	1-Octene	121.6	Nonazeotrope		815c
1168	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		575
1168a	C ₈ H ₁₈	Octane	125.7	Nonazeotrope		815c
1168b	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	Nonazeotrope		815c
1168c	C ₉ H ₂₀	2,2,5-Trimethylhexane	120	Nonazeotrope		815c
A =	CF₄	Carbon Tetrafluoride				
1168d	CHF ₃	Trifluoromethane	50°–200°F.		v-1	751c
1168e	C ₃ H ₆	Propylene	145°K.	v.p. curve		63c
A =	CS₂	Carbon Disulfide	46.25			
1169	CHCl ₃	Chloroform	61.2	Nonazeotrope		527,834
1170	CH ₂ Cl ₂	Dichloromethane	40	35.7	35	215
1171	CH ₂ O ₂	Formic acid	100.75	42.55	83	555
1172	CH ₃ I	Iodomethane	42.55	46	94	981
		"	42.55	41.5	40	527
1173	CH ₃ NO ₂	Nitromethane	101.2	41.2	18.6	v-1 320
1174	CH ₃ NO ₃	Methyl nitrate	64.8	44.25	90	555
1175	CH ₄ O	Methanol	64.7	39.8	71	560
1176	C ₂ Cl ₆	Hexachloroethane	184.8	37.65	86	29,555
1177	C ₂ H ₃ Br	1-Bromoethylene	15.8	Nonazeotrope		813
1178	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57.25	Nonazeotrope		566
		"	57.2	44.75	72	527
1179	C ₂ H ₄ Cl ₂ O	Bis(chloromethyl) ether	104	43.1	75	555
		"	105.5	Nonazeotrope		566
1180	C ₂ H ₄ O ₂	Acetic acid	118.5	Nonazeotrope		834
1181	C ₂ H ₄ O ₂	Methyl formate	31.7	24.75	33	555
1182	C ₂ H ₅ Br	Bromoethane	38.4	37.85	33	563,834
1183	C ₂ H ₅ Cl	Chloroethane	13	Nonazeotrope		531
1184	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.15	43.1	75	555
1185	C ₂ H ₅ I	Iodoethane	72.3	Nonazeotrope		834
1186	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	16.5	~5	538
1187	C ₂ H ₅ NO ₂	Nitroethane	114.2	Nonazeotrope		554
1188	C ₂ H ₅ NO ₃	Ethyl nitrate	87.7	Nonazeotrope		527
1189	C ₂ H ₆ O	Ethyl alcohol	78.3	42.6	91	54,555,834
1190	C ₂ H ₆ S	Methyl sulfide	37.4	Nonazeotrope		575
1191	C ₃ H ₄ O	Acrolein	52.45	<42.5	<71	566
1192	C ₃ H ₅ Br	3-Bromopropene	70.5	Nonazeotrope		566
1193	C ₃ H ₅ Cl	3-Chloropropene	45.15	41.2	50	566

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CS ₂	Carbon Disulfide (<i>continued</i>)	46.25			
1194	C ₃ H ₆ O	Acetone	56.15	39.25	67	555,943
		" 1 kg./sq. cm.			66	834,964
		" 16.5 kg./sq. cm.			62.6	964
		" 32.5 kg./sq. cm.			59.4	964
		" 42 kg./sq. cm.			55.5	964
1195	C ₃ H ₆ O	Allyl alcohol	96.95	Nonazeotrope		563
		"	96.85	45.25	93.5	527
1196	C ₃ H ₆ O	Propionaldehyde	48.7	40.0	60	566
1197	C ₃ H ₆ O ₂	Ethyl formate	54.15	39.35	63	555
1198	C ₃ H ₆ O ₂	Methyl acetate	57	39.55	70	555,834
1199	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		566
1200	C ₃ H ₆ O ₃	Methyl carbonate	90.25	45.72	91	527
1201	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		566
1202	C ₃ H ₇ Br	2-Bromopropane	59.4	46.08	89.5	527
1203	C ₃ H ₇ Cl	1-Chloropropane	46.65	42.05	55.5	527
		"	46.6	45.2	55	981
1204	C ₃ H ₇ Cl	2-Chloropropane	35.0	33.5	~20	548
1205	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	35.5	42	527
1206	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	40.15	62	527
1207	C ₃ H ₈ O	Ethyl methyl ether	10.8	Nonazeotrope		215
1208	C ₃ H ₈ O	Isopropyl alcohol	82.45	44.22	92.4	555,834
1209	C ₃ H ₈ O	Propyl alcohol	97.1	45.65	94.5	324,555
1210	C ₃ H ₈ O ₂	Methylal	42.25	37.25	46	555
1211	C ₃ H ₅ BO ₃	Methyl borate	68.7	Nonazeotrope		527
		"	68.7	44.0	~84	548
1212	C ₄ H ₄ O	Furan	31.7	Nonazeotrope		566
1213	C ₄ H ₅ NS	Allylisothiocyanate	152.05	Nonazeotrope		575
1213a	C ₄ H ₆	1,3-Butadiene	—4.6		v-1	1030c
1214	C ₄ H ₆ O ₂	Biacetyl	87.5	Nonazeotrope		563
1215	C ₄ H ₇ N	Pyrroline	90.9	Nonazeotrope		575
1216	C ₄ H ₈ O	2-Butanone	79.6	45.85	84	552
1217	C ₄ H ₈ O	Butyraldehyde	75.2	Nonazeotrope		566
1218	C ₄ H ₈ O	Isobutyraldehyde	63.5	44.7	86	569
1219	C ₄ H ₈ O ₂	Butyric acid	164.0	Nonazeotrope		566
1220	C ₄ H ₈ O ₂	Ethyl acetate	77.1	46.02	92.7	555,834
		"	76.7	46.1	97	981
1221	C ₄ H ₈ O ₂	Isobutyric acid	154.6	Nonazeotrope		575
1222	C ₄ H ₈ O ₂	Isopropyl formate	68.8	43.0	~82	548
1223	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		527
1224	C ₄ H ₈ O ₂	Propyl formate	80.8	Nonazeotrope		527
1225	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope		566
1226	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		566
1227	C ₄ H ₉ Cl	2-Chlorobutane	68.25	Nonazeotrope		566
1228	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		531
1229	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	43.5	62	527
1230	C ₄ H ₉ ClO	2-Chloroethyl ethyl ether	98.5	Nonazeotrope		566

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CS ₂	Carbon Disulfide (continued)	46.25			
1231	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		527
1232	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	45.55	86	555
1233	C ₄ H ₁₀ O	Butyl alcohol	116.9	Nonazeotrope		527
1234	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	44.9	93	555
1235	C ₄ H ₁₀ O	Ethyl ether	34.6	34.5	13?	555,834
		"	34.6	34.4	1	981
1236	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	Nonazeotrope		527
1237	C ₄ H ₁₀ O	Methyl propyl ether	38.8	36.2	~18	563
1238	C ₄ H ₁₀ O ₂	Acetaldehyde				
		dimethyl acetal	64.3	<45.9		575
1239	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		531
1240	C ₅ H ₈ O	2-Methylfuran	63.8	Nonazeotrope		566
1241	C ₅ H ₈	Isoprene	34.3	<34.15	<7	566
1242	C ₅ H ₁₀	Cyclopentane	49.4	44.0	67	566
1243	C ₅ H ₁₀	2-Methyl-2-butene	37.15	36.5	~17	563
1244	C ₅ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		566
1245	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		575
1246	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		552
1247	C ₅ H ₁₀ O	2-Pentanone	102.35	Nonazeotrope		552
1248	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		552
1249	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		566
1250	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		566
1251	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		575
1252	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Vapor pressure data		563
1253	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		566
1254	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		527
1255	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		538
1256	C ₅ H ₁₂	Pentane	36.15	35.7	11	555
1257	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		566
1258	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		527
1259	C ₅ H ₁₂ O	Ethyl propyl ether	63.85	Nonazeotrope		566
1260	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
1261	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.9	Nonazeotrope		575
1262	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		575
1263	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		575
1264	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		566
1265	C ₆ H ₆	Benzene	80.2	Nonazeotrope	v-l	89,834
1266	C ₆ H ₈	1,3-Cyclohexadiene	80.4	Nonazeotrope		575
1267	C ₆ H ₁₀	Cyclohexene	82.75	Nonazeotrope		566
1268	C ₆ H ₁₀	Methylcyclopentene	75.85	Nonazeotrope		575
1269	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		563
1270	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		566
1271	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		566
1272	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		552
1273	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	<46.15	<97	566
1274	C ₆ H ₁₄	Hexane	68.95	Nonazeotrope		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CS₂	Carbon Disulfide (continued)	46.25			
1275	C ₃ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		575
1276	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563
1277	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		566
1278	C ₇ H ₁₆	Heptane	98.45	Nonazeotrope		575
A =	CHBrCl₂	Bromodichloromethane	90.2			
1279	CH ₂ O ₂	Formic acid	100.7	78.15	~76	563
1280	CH ₃ NO ₂	Nitromethane	101.2	87.3	75	554
1281	CH ₃ NO ₃	Methyl nitrate	64.8	Nonazeotrope		560
1282	CH ₄ O	Methanol	64.7	63.8	60	563
1283	C ₂ HCl ₃	Trichloroethylene	86.9	Nonazeotrope		549
		"	86.95	86.7	22	528
1284	C ₂ HCl ₃ O	Chloral	97.75	90.1	97.5	572
1285	C ₂ H ₄ O ₂	Acetic acid	118.5	Nonazeotrope		563
1286	C ₂ H ₅ BrO	2-Bromoethanol	150.2	Nonazeotrope		575
1287	C ₂ H ₅ ClO	2-Chloroethanol	128.6	Nonazeotrope		564
1288	C ₂ H ₅ NO ₂	Nitroethane	114.2	Nonazeotrope		554
1289	C ₂ H ₅ NO ₃	Ethyl nitrate	90.1	86.85	35	527
1290	C ₂ H ₆ O	Ethyl alcohol	78.3	75.5	72	563
1291	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope		573
1292	C ₃ H ₆ O	Acetone	56.15	Nonazeotrope		552
1293	C ₃ H ₆ O	Allyl alcohol	96.95	85.85	82.5	563,875
1294	C ₃ H ₆ O ₃	Methyl carbonate	90.35	91.95	64.5	572
1295	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		575
1296	C ₃ H ₇ I	2-Iodopropane	89.45	90.7	<50	549
1297	C ₃ H ₈ O	Isopropyl alcohol	82.45	79.4	62	572
1298	C ₃ H ₈ O	Propyl alcohol	97.2	86.4	80.5	563
1299	C ₃ H ₉ BO ₃	Methyl borate	68.7	Nonazeotrope		547
1300	C ₄ H ₈ O	2-Butanone	79.6	90.85	89.5	569
1301	C ₄ H ₈ O ₂	Ethyl acetate	77.1	90.55	88	572
1302	C ₄ H ₈ O ₃	Methyl propionate	79.85	91.2	~85	538
1303	C ₄ H ₈ O ₂	Propyl formate	80.85	90.9	82	573
1304	C ₄ H ₉ Br	2-Bromobutane	91.2	91.65	45	562
1305	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	91.8	45	549
1306	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		550
1307	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		527
1308	C ₄ H ₁₀ O	sec-Butyl alcohol	99.6	87.5		563
1309	C ₄ H ₁₀ O	tert-Butyl alcohol	82.55	79.0	~65	532
1310	C ₄ H ₁₀ O	Isobutyl alcohol	108	89.3	89	563
1311	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		559
1312	C ₄ H ₁₀ S	Ethyl sulfide	92.2	96.7	~58	531
1313	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	97.2	50	552
1314	C ₅ H ₁₀ O	2-Pentanone	102.35	102.85	35	552
1315	C ₅ H ₁₀ O	3-Pentanone	102.05	102.65	36	552
1316	C ₅ H ₁₀ O ₂	Butyl formate	106.7	Nonazeotrope		547
1317	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	100.6	35	538

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CHBrCl₂	Bromodichloromethane	90.2			
		<i>(continued)</i>				
1318	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	98.7	40	573
1319	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	96.0	55	547
1320	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	103.5	25	538
1321	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	93.8	58	573
1322	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	102.3	29.5	572
1323	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		550
1324	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0	~88.8	~92	535
1325	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.6	Nonazeotrope		575
1326	C ₆ H ₁₂ O ₂	Diethoxymethane	87.9	94.05	74	568
1327	C ₆ H ₆	Benzene	80.2	Nonazeotrope		528
1328	C ₆ H ₁₀	Cyclohexene	82.75	82		563
1329	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
1330	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575
1331	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		527
1332	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		552
1333	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		575
1334	C ₆ H ₁₄ O	Propyl ether	90.55	97.0	54	559
1335	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		572
1336	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		575
1337	C ₇ H ₁₆	Heptane	98.4	<90.0		575
A =	CHBr₃	Bromoform	149.5			
1338	CH ₂ O ₂	Formic acid	100.75	97.4	52	568
1339	C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane	146.2	145.5	45	549
1340	C ₂ H ₃ BrO ₂	Bromoacetic acid	205.1	Nonazeotrope		575
1341	C ₂ H ₃ ClO ₂	Chloroacetic acid	189.35	148.5	96.9	564
1342	C ₂ H ₄ Br ₂	1,2-Dibromoethane	129.8	Nonazeotrope, b.p. curve		388,563
1343	C ₂ H ₂ Cl ₂ O	2,2-Dichloroethanol	146.2	<143.0	<55	575
1344	C ₂ H ₄ O ₂	Acetic acid	118.5	118.3	18	542
1345	C ₂ H ₅ ClO	2-Chloroethanol	128.6	127.4	46	564
1346	C ₂ H ₅ NO	Acetamide	221.15	Nonazeotrope		527
		"	221.2	149	98	535
1347	C ₂ H ₆ O ₂	Glycol	197.4	146.75	~93.5	532
1348	C ₂ H ₇ NO	2-Aminoethanol	170.8	Reacts		527
1349	C ₃ H ₅ ClO ₂	Methyl chloroacetate	130.0	Nonazeotrope		532
1350	C ₃ H ₆ Cl ₂ O	1,3-Dichloro-2-propanol	175.8	Nonazeotrope		575
1351	C ₃ H ₆ O	Allyl alcohol	96.95	Nonazeotrope		532
1352	C ₃ H ₆ O ₂	Propionic acid	140.9	138.0	63	527
1353	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		575
1354	C ₃ H ₇ NO	Propionamide	222.2	Nonazeotrope		527
1355	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	149.25	97.5	564
1356	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		532
1357	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	Nonazeotrope		526
1358	C ₄ H ₆ O ₄	Methyl oxalate	164.45	Nonazeotrope		575
1359	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	~158.2	Nonazeotrope		538
1360	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	143.52	4	527
1361	C ₄ H ₇ Cl ₃ O	Ethyl 1,1,2-trichloroethyl ether	172.5	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CHBr₃	Bromoform (<i>continued</i>)	149.5			
1362	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	Nonazeotrope		527
1363	C ₄ H ₈ Cl ₂ O	1,2-Dichloroethyl ethyl ether	145.5	151.3	91	575
1364	C ₄ H ₈ O ₂	Butyric acid	162.45	146.8	93.2	389,526
1365	C ₄ H ₈ O ₂	Isobutyric acid	154.35	145.5	81	541
1366	C ₄ H ₈ O ₃	Methyl lactate	144.8	~152		563
1367	C ₃ H ₇ I	1-Iodo-2-methylpropane	120.4	Nonazeotrope		389
1368	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		527
1369	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	Nonazeotrope		532
1370	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		556
1371	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		527
1372	C ₅ H ₉ ClO ₂	Propyl chloroacetate	162.5	Nonazeotrope		575
1373	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	148.7	96	527
		"	176.5	Nonazeotrope		542
1374	C ₅ H ₁₀ O ₂	Valeric acid	186.35	Nonazeotrope		575
1375	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		531
1376	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	144.8	57	560
1377	C ₅ H ₁₂ O	Isoamyl alcohol	129	Nonazeotrope		389
		"	130.8	131.35	43	527
1378	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	147.15	84	527
1379	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		549
1380	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		575
1381	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	176.8	Nonazeotrope		575
1382	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
1383	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		542
1384	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		575
1385	C ₆ H ₁₀ O	Cyclohexanone	155.6	158.5	~52	573
1386	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		527
1387	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		527
1388	C ₆ H ₁₀ S	Allyl sulfide	139.35	>150.5		566
1389	C ₆ H ₁₂ O	Cyclohexanol	160.7	Nonazeotrope		532
		"		149.5?	95?	545
1390	C ₆ H ₁₄ O	Hexyl alcohol	157.85	147.7	86	542
1391	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		556
1392	C ₆ H ₁₄ S	Propyl sulfide	140.8	151.5	90	555
1393	C ₇ H ₈	Toluene	110.65	Nonazeotrope		563
1394	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		563
1395	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
1396	C ₇ H ₁₄ O	4-Heptanone	143.55	151.0	77	552
1397	C ₆ H ₁₄ O	3-Methylcyclohexanol	168.5	Nonazeotrope		575
1398	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	>154.0	<65	562
1399	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		547
1400	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	>152.7		575
1401	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	150.2	82	389,573
1402	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	150.0		575
1403	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		575

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CHBr₃	Bromoform (continued)	149.5			
1404	C ₈ H ₁₆ O ₃	Ethyl orthoformate	145.75	Nonazeotrope		559
1405	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		575
1406	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		538
1407	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		559
1408	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		577
1409	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	>161.0	>18	575
1410	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	157.7	35	573
1411	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	151	75	573
1412	C ₈ H ₁₈ O	Butyl ether	142.2	Nonazeotrope		548
1413	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		559
1414	C ₉ H ₁₂	Propylbenzene	158.9	Nonazeotrope		538
1415	C ₁₀ H ₁₆	Camphene	159.6	~ 148.5	~ 95	535
1416	C ₁₀ H ₁₆	α -Pinene	155.8	146.5	75	528
1417	C ₁₀ H ₁₆	Nopinene	163.8	<149.0	>91	575
1418	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	Nonazeotrope		573
A =	CHClF₂	Chlorodifluoro-				
		methane	— 40.8			
1419	C ₂ ClF ₅	Chloropentafluoroethane	— 38.5	— 45.6	48.7	47
1420	C ₂ H ₂ Cl ₂ F ₂	1,2-Dichloro-1,2-difluoroethane, 755 mm.	29.8	— 41.4	87.6	266
1421	C ₃ F ₆	Hexafluoropropene, 2059 mm.	— 6.1	— 17.3	69.7	1019
		" 9.6 atm.		20	77	615
		"		Min. b.p.		954f
1422	C ₃ F ₈	Perfluoropropane, 6.064 atm.	12.5	0	46	745
1423	C ₃ H ₈	Propane, 86.2 p.s.i.a.		0	68	794
		" 6.002 atm.	8.6	0	68.3	745
1424	C ₄ F ₈	Perfluorocyclobutane, 2059 mm.	21.0	Nonazeotrope		1019
				Min. b.p.		922
A =	CHCl₂F	Dichlorofluoromethane				
		7.63/723 mm.				
1425	C ₂ Cl ₂ F ₄	1,2-Dichloro-1,1,2,2-tetrafluoroethane, 723 mm.	2.22	0.00	25	745
A =	CHCl₃	Chloroform	61.2			
1426	CH ₂ Cl ₂	Dichloromethane	41.5	Nonazeotrope		261
1427	CH ₂ O ₂	Formic acid	100.7	59.15	85	537
		"	100.75			v-l 171
1428	CH ₃ I	Iodomethane	42.5	Nonazeotrope		575
1429	CH ₃ NO ₂	Nitromethane	101.15	Nonazeotrope		548

No.	B-Component			Azeotropic Data				
	Formula	Name	B.P., °C	B.P., °C	Wt.% A		Ref.	
A =	CHCl₃	Chloroform (<i>continued</i>)	61.2					
1430	CH ₃ O	Methanol	64.7	53.43	87.4	v-l	679,978	
		"		20	91.7		371,464	
		"		35	89.7	}	563,	
		"		49	87.8			834
		"	64.7			v-l	110	
		" 400 mm.		36.3	88.9	v-l	687	
		" 500 mm.		41.6	88.4	v-l	687	
		" 600 mm.		46.2	87.9	v-l	687	
1431	C ₂ Cl ₄	Tetrachloroethylene	121.1	Nonazeotrope		v-l	187	
1432	C ₂ H ₃ Cl ₃ O ₂	Chloral hydrate	97.5	Nonazeotrope			563	
1433	C ₂ H ₃ N	Acetonitrile	81.6	Nonazeotrope		v-l	635c,981	
1433a	C ₂ H ₃ NO	Methylisocyanate	37.9	Nonazeotrope		v-l	931c	
1434	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57.3			v-l	435	
1435	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.28	Nonazeotrope		v-l	463	
1436	C ₂ H ₄ Cl ₂ O	Bis(chloromethyl) ether	59.15	>63.9	<80		575	
1437	C ₂ H ₄ O ₂	Acetic acid	118.1	Nonazeotrope			575	
		"	118.1	Nonazeotrope		v-l	171	
1438	C ₂ H ₄ O ₂	Methyl formate	31.9	Nonazeotrope			563	
1439	C ₂ H ₅ Br	Bromoethane	38.4	Nonazeotrope			834	
1440	C ₂ H ₅ Cl	Chloroethane	13.3	Nonazeotrope			563	
1441	C ₂ H ₅ I	Iodoethane	72.3	Nonazeotrope			834	
1442	C ₂ H ₆ O	Ethyl alcohol	78.3	59.35	93		1000	
		"		35	95.9	v-l	} 371,834	
		"		45	94.8	v-l		
		"		55	93.7	v-l		
		" 20 p.s.i.g.	101.7	82	89		960	
1443	C ₃ H ₆ O	Acetone,	101 mm.	15	74.3		815	
		"	129 mm.	20	75.0		815	
		"	202 mm.	30	76.1		815	
		"	250 mm.	35	76.3		815	
		"	308 mm.	40	76.7		815	
		"	455 mm.	50	77.1		815	
		"	546 mm.	55	77.3		815	
		"	56.5	64.4	78.1		498	
		" 547 mm.		55	78.0	v-l	498	
		" 380 mm.		45	77.9	v-l	498	
		" 251 mm.		35	77.8	v-l	498	
		"	56.10	64.43	78.5	v-l	802	
				64-65	80		} 282,371 803,834,903 960,978	
1444	C ₃ H ₆ O	Allyl alcohol	96.95	Nonazeotrope				563
1445	C ₃ H ₆ O	Propionaldehyde	50	Max. b.p.				262
1446	C ₃ H ₆ O	Propylene oxide	35	Nonazeotrope			262	
1447	C ₃ H ₆ O ₂	Ethyl formate	54.15	62.7	87		563,579,720	
1448	C ₃ H ₆ O ₂	Methyl acetate	57.1	64.74	64.35	v-l	110,579	
		"	57.05	64.8	77		563	

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CHCl ₃	Chloroform (<i>continued</i>)	61.2			
		Methyl acetate	57	64-65	78	834,903
		"		20	52.9	814
		"		40	50.3	814
		"		63.3	46.6	814
1449	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		549
1450	C ₃ H ₇ Br	2-Bromopropane	59.4	62.2	65	570,579,720
1451	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		550
1452	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		550
1453	C ₃ H ₈ O	Isopropyl alcohol	82.45	Nonazeotrope		834
		"	82.45	60.8	95.5	563
		"	82.5	Nonazeotrope	v-1	680
1454	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		563
1455	C ₃ H ₈ O ₂	Methylal	42.3	61.8	92.5	262,527
1456	C ₃ H ₈ S	Ethyl methyl sulfide 700 mm.	64.0	66.6	52.3	v-1 635
1457	C ₃ H ₈ S	Propanethiol	67.5	Nonazeotrope		563
1458	C ₃ H ₉ BO ₃	Methyl borate	68.7	> 70		575
1459	C ₃ H ₉ SiCl	Chlorotrimethylsilane	57.5	Nonazeotrope		844
1460	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		527,1025
		"	79.6	Nonazeotrope	v-1	492,501
		"	79.6	79.9	17	981
1461	C ₄ H ₈ O	Butyraldehyde	76	Max. b.p.		262
		"	76	Nonazeotrope		575
1462	C ₄ H ₈ O	Isobutyraldehyde	63	Max. b.p.		262
		"	63	Nonazeotrope		575
1463	C ₄ H ₈ O	Isobutylene oxide	50	Max. b.p.		262
1464	C ₄ H ₈ O	Tetrahydrofuran	66	72.5	65.5	224
1465	C ₄ H ₈ O ₂	Dioxane	101	Nonazeotrope		262
1466	C ₄ H ₈ O ₂	Ethyl acetate	76	Nonazeotrope		834
		"	77.1	77.8	28.1	679
1467	C ₄ H ₈ O ₂	Isopropyl formate	68.8	70.0	>14	562
		"	68.8	70	13	579
1468	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		575
1469	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		575
1470	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		550
1471	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		550
1472	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		575
1473	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	Nonazeotrope		531,581c
1474	C ₄ H ₁₀ O	Ethyl ether	35	Nonazeotrope		262,834
		"	34.5	Nonazeotrope	v-1	481
1475	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		575
1476	C ₄ H ₁₀ O	Methyl propyl ether	38.9	Nonazeotrope		559
1477	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.9	> 67.5	20	559
1478	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	67.2	32	559
1479	C ₄ H ₁₀ S	Ethyl sulfide	92.2	Nonazeotrope		531

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CHCl₃	Chloroform (<i>continued</i>)	61.2			
1480	C ₅ H ₄ O ₂	Furfuraldehyde	162	Nonazeotrope	v-1	2
1480a	C ₅ H ₅ N	Pyridine 50°–63.5°C.		Nonazeotrope	v-1	274c
1481	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		563
1481a	C ₅ H ₁₀ O	2-Methyl-3-buten-2-ol	97.0	Nonazeotrope		581c
1482	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		563
1483	C ₅ H ₁₂ O	Ethyl propyl ether	63.85	> 69.0	> 35	559
		“ 400 mm.	44.6	49.05	58	v-1 148f
		“ 650 mm.	58.2	62.45	56	v-1 148f
		“ 698 mm.	60.6	64.6	54.7	v-1 635
1484	C ₆ H ₅ Cl	Chlorobenzene	131.8	Nonazeotrope		563
1485	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
1486	C ₆ H ₆	Benzene	79.90	Nonazeotrope,	v-1	262,
						646,802,834,978
1487	C ₆ H ₈	1,3-Cyclohexadiene	80.8	Nonazeotrope		563
1488	C ₆ H ₁₀	Biallyl	60.2	~ 55		563
1489	C ₆ H ₁₀	Cyclohexene	82.75	Nonazeotrope		563
1490	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		563
1491	C ₆ H ₁₂	Methylcyclopentane	72.0	60.5	80	575
		“	71.9	Azeotropic		929
1492	C ₆ H ₁₂ O	4-Methyl-2-pentanone	115.9	Nonazeotrope	v-1	438
1493	C ₆ H ₁₂ O ₂	Butyl acetate	126.2	Nonazeotrope	v-1	186
1494	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	55.5	47	562
		“		55.5	55.3	638c
		“	58.0	56	~53	v-1 1026c
1495	C ₆ H ₁₄	Hexane	68.7	60.4	83.5	v-1 498
		“ 637 mm.		55	82.6	v-1 498
		“ 454 mm.		45	82.3	v-1 498
		“ 310 mm.		35	82.1	v-1 498
			68.95	59.95	72	563
1495a	C ₆ H ₁₄ O	Butyl ethyl ether				
		“ 250 mm.	59.0	Nonazeotrope	v-1	148f
		“ 650 mm.	86.6	Nonazeotrope	v-1	148f
1496	C ₆ H ₁₄ O	Isopropyl ether	68	70.5	36	v-1 261,262
		“ 246 mm.	36.5	39.6	44	v-1 148f
		“ 577 mm.	59.3	61.5	44	v-1 148f
1496a	C ₆ H ₁₄ O	Propyl ether 400 mm.	70	Nonazeotrope	v-1	148f
		“ 650 mm.	84	Nonazeotrope	v-1	148f
1497	C ₆ H ₁₅ N	Triethylamine	89	Nonazeotrope		262
1498	C ₇ H ₈	Toluene	110.65	Nonazeotrope		563
1499	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		575
1500	C ₇ H ₁₆	Heptane	98.45			563
1501	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		575
1501a	C ₈ H ₁₈ O	Butyl ether 390 mm.	118.4	Nonazeotrope	v-1	148f
		“ 650 mm.	132.0	Nonazeotrope	v-1	148f
1502	C ₉ H ₁₀ O ₂	Ethyl benzoate	213.3	Nonazeotrope		981
A =	CHF₃	Fluoroform				
1503	C ₂ H ₆	Ethane	— 88	— 96	58	120

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CH₂ClBr	Bromochloromethane	69			
1504	CH ₂ Cl ₂	Dichloromethane	40.7	Nonazeotrope		266
A =	CH₂Br₂	Dibromomethane	97.0			
1505	CH ₄ O	Methanol	64.65	64.25	52	575
		"	64.7	Azeotrope doubtful		563
1506	C ₂ H ₄ O ₂	Acetic acid	118.1	94.8	84	562
1507	C ₂ H ₅ ClO	2-Chloroethanol	128.6	Nonazeotrope		575
1508	C ₂ H ₅ NO ₃	Ethyl nitrate	87.7	Nonazeotrope		560
1509	C ₂ H ₅ O	Ethyl alcohol	78.3	76	62	573
1510	C ₃ H ₆ O	Allyl alcohol	96.95	~ 86.5	~ 80	563
1511	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		575
1512	C ₃ H ₆ O ₃	Methyl carbonate	90.35	Nonazeotrope		547
1513	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		575
1514	C ₃ H ₈ O	Isopropyl alcohol	82.4	< 81.0	> 32	575
1515	C ₃ H ₈ O	Propyl alcohol	97.2	< 90.5	> 74	567
1516	C ₄ H ₈ Br	1-Bromobutane	101.5	Nonazeotrope		575
1517	C ₄ H ₉ ClO	2-Chloroethyl ethyl ether	98.5	< 96.0	< 72	575
1518	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	94.8	82	567
1519	C ₄ H ₁₀ S	Butanethiol	97.5	< 95.5	< 72	575
1520	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	98.0	70	552
1521	C ₅ H ₁₀ O	2-Pentanone	102.35	Nonazeotrope		552
1522	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		552
1523	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	Nonazeotrope		547
1524	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	92		547
1525	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		547
1526	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	96.5		550
1527	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		575
1528	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		527
1529	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
1530	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		559
1531	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		559
1532	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
1533	C ₇ H ₁₄	Methylcyclohexane	101.15	< 96.4	< 75	575
1534	C ₇ H ₁₆	Heptane	98.4	< 95.5	> 58	562
A =	CH₂ClF	Chlorofluoromethane				
1534a	C ₂ Cl ₂ F ₄	1,1-Dichlorotetrafluoroethane	45 p.s.i.a.	18	55	885c
A =	CH₂ClNO₂	Chloronitromethane	122.5			
1535	C ₂ Cl ₄	Tetrachloroethylene	121.1	115.2	45	562
1536	C ₂ H ₅ N	Pyridine	115.4	Nonazeotrope		553
1537	C ₃ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	115.5	40	562
1538	C ₃ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		575
1539	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	< 119.7	20	554
1540	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
1541	C ₈ H ₁₈	Octane	125.75	< 121.0	< 80	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CH ₂ Cl ₂	Dichloromethane	40.0			
1542	CH ₃ I	1-Iodomethane	42.5	39.8	79	527
1543	CH ₃ NO ₃	Methyl nitrate	64.8	Nonazeotrope		527
1544	CH ₄ O	Methanol	64.65	37.8	92.7	261,527
1545	C ₂ Cl ₃ F ₃	1,1,2-Trichlorotrifluoroethane	47.6	37	48	75
1546	C ₂ H ₃ N	Acetonitrile	81.6	Nonazeotrope		565
1547	C ₂ H ₄ O	Acetaldehyde	20.65	Nonazeotrope		575
1548	C ₂ H ₄ O ₂	Methyl formate	32	Nonazeotrope		262
			31.9	~ 30.8	~ 20	563
1549	C ₂ H ₅ Br	1-Bromoethane	38.4	38.1	20	549
1550	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.15	Nonazeotrope		835
1551	C ₂ H ₆ O	Ethyl alcohol	78.3	< 39.85	> 95	527
		680 mm.		Nonazeotrope		v-l 434f
1552	C ₂ H ₆ S	Ethanethiol	36.2	Nonazeotrope		563
1553	C ₃ H ₆ O	Acetone	56.	Nonazeotrope		261,262
		680 mm.		Nonazeotrope		v-l 434f
1554	C ₃ H ₆ O	Propionaldehyde	50	Max. b.p.		262
			50	Nonazeotrope		575
1555	C ₃ H ₆ O	Propylene oxide	34.1	40.6	77	262,559
1556	C ₃ H ₆ O ₂	Ethyl formate	54	Nonazeotrope		262
			54.15	41	92	547
1557	C ₃ H ₈ O ₂	Methyl acetate	57.0	Nonazeotrope		527
1558	C ₃ H ₆ O ₃	Trioxane	114.5	v-l		866
1559	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	39.45	53	527
1560	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		527
1561	C ₃ H ₈ O	Isopropyl alcohol	82.4	Nonazeotrope		527
1562	C ₃ H ₈ O ₂	Methylal	42.3	45.0	41	262,559
1563	C ₄ H ₄ O	Furan	31.7	Nonazeotrope		527
1563a	C ₄ H ₆	1,3-Butadiene	-4.6	Nonazeotrope		v-l 1030c
1564	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		v-l 620
1565	C ₄ H ₈ O	Isobutylene oxide	50	Max. b.p.		262
1566	C ₄ H ₁₀ O	Ethyl ether	34.6	40.8	70	262,527
			34.6	40.2	68	v-l 996
1567	C ₄ H ₁₀ O	Methyl propyl ether	38.9	44.8	57	527
1568	C ₅ H ₁₀	Cyclopentane	49.3	38.0	70	527
1569	C ₅ H ₁₀	2-Methyl-2-butene	37.1	< 36.5	< 52	527
1570	C ₅ H ₁₂	2-Methylbutane	27.95	26.0	27	527
1571	C ₅ H ₁₂	Pentane	36.15	< 35.5	< 49	575
1572	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		527
1573	C ₆ H ₁₄	2,2-Dimethylbutane,				
		742 mm.	49.74	35.6	53 vol. %	692
			49.7	Min. b. p.		59
1574	C ₆ H ₁₄	2,3-Dimethylbutane	58	Min. b. p.		59
			58	39.0	83	527
1575	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		527
A =	CH ₂ I ₂	Diiodomethane	181			
1576	C ₂ H ₄ O ₂	Acetic acid	118.1	Nonazeotrope		565

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CH₂I₂	Diiodomethane (<i>continued</i>)	181			
1577	C ₂ H ₆ O ₂	Glycol	197.4	168.7	86	569
1578	C ₂ H ₇ NO	2-Aminoethanol	170.8	Reacts		527
1579	C ₃ H ₆ O ₂	Propionic acid	141.3	140.65	27	527
1580	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	169.35	75	527
1581	C ₄ H ₈ O ₂	Butyric acid	164.0	159.1	60	569
1582	C ₄ H ₈ O ₂	Isobutyric acid	154.6	151.8	47	527
1583	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		575
1584	C ₅ H ₈ O ₂	Furfuryl alcohol	169.35	165.8	55	565
1585	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	168.5	75	565
1586	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		565
1587	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		575
1588	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	171.3	48	549
1589	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		565
1590	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	164.15	44	569
1591	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
1592	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	167.15	58	527
1593	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		565
1594	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	Nonazeotrope		565
1595	C ₇ H ₁₆ O	Hepyl alcohol	176.15	169.8	62	527
1596	C ₈ H ₁₆	<i>m</i> -Xylene	139.2	Nonazeotrope		575
1597	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	164.0	38	565
1598	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	159.5	22	565
1599	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	174.0	72	565
1600	C ₈ H ₁₈ O ₂	Isobutyl isovalerate	171.2	167.9	52	565
1601	C ₁₀ H ₁₈ O	Cineole	176.35	169.6	60	559
1602	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	166.5	55	559
A =	CH₂O₂	Formic Acid	100.75			
1603	CH ₃ I	Iodomethane	42.6	42.1	6	527,541
1604	CH ₃ NO ₂	Nitromethane	101.22	97.05	45.5	554
1605	C ₂ Cl ₄	Tetrachloroethylene	121.1	88.15	50.0	538
1606	C ₂ HCl ₃	Trichloroethylene	86.95	74.1	25	563
1607	C ₂ HCl ₅	Pentachloroethane	161.95	Nonazeotrope		541
1608	C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane	146.25	99.25	68	538
1609	C ₂ H ₃ Br	Bromoethylene	15.8	Nonazeotrope		542
1609a	C ₂ H ₃ N	Acetonitrile	81.6	Nonazeotrope	v-1	635e
1610	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.65	94.65	51.5	538
1611	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57.25	56.0	5	542
1612	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7	77.4	14	537
		"	83.7	77.02	25.77	112
1613	C ₂ H ₄ O ₂	Acetic acid	50 mm.	Nonazeotrope	v-1	507e
		"	200 mm.	Nonazeotrope	v-1	507e
		"	118.1	Nonazeotrope,	v-1	11,26,171
1614	C ₂ H ₅ Br	Bromoethane	38.40	38.23	3	538
1615	C ₂ H ₅ Cl	Chloroethane	13.1	Nonazeotrope		541
1616	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.5	Nonazeotrope		563
1617	C ₂ H ₅ I	Iodoethane	72.3	65.6	22	537

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CH₂O₂	Formic Acid (continued)	100.75			
1618	C ₂ H ₅ NO ₂	Nitroethane	114.2	Nonazeotrope		554
1619	C ₂ H ₆ S	Methyl sulfide	37.4	Nonazeotrope		566
1620	C ₃ H ₅ Br	3-Bromopropene	70.5	64.5	~22	562
1621	C ₃ H ₅ Cl	2-Chloropropene	22.65	Nonazeotrope		575
1622	C ₃ H ₅ Cl	3-Chloropropene	45.7	45.0	7.5	542
1623	C ₃ H ₅ ClO	1-Chloro-2-propanone	119	Nonazeotrope		563
1624	C ₃ H ₅ ClO	Epichlorohydrin	116.45	Nonazeotrope		563
1625	C ₃ H ₅ I	3-Iodopropene	102	85	~35	563
1626	C ₃ H ₆ Cl ₂	2,2-Dichloropropane	70.4	< 66.0	<25	575
1627	C ₃ H ₆ O	Acetone	56.15	Nonazeotrope		552
1628	C ₃ H ₆ O ₂	Propionic acid	141.1	Nonazeotrope		v-l 26,507g
1629	C ₃ H ₇ Br	1-Bromopropane	71.0	64.7	27	537
1630	C ₃ H ₇ Br	2-Bromopropane	59.35	56.0	14	541
1631	C ₃ H ₇ Cl	1-Chloropropane	46.4	45.7	8	555
1632	C ₃ H ₇ Cl	2-Chloropropane	34.8	34.7	1.5	541
1633	C ₃ H ₇ I	1-Iodopropane	102.4	82	36	541
1634	C ₃ H ₇ I	2-Iodopropane	89.45	75.2	29	562
1635	C ₃ H ₇ NO	<i>N, N</i> -Dimethylformamide	153.0	153.2	1.2	832
		"		158.8		616
		" 100 mm.	90	98.5	v-l	616
		" 200 mm.	107.9	117.0	v-l	616
		" 760 mm.	153	158.8	v-l	616
		" 757 mm.	153	153.2	1.2	224
		" 50 mm.		85	33	224
1636	C ₃ H ₈ O ₂	Methylal	42.15	Nonazeotrope		556
1637	C ₃ H ₉ N	Trimethylamine, azeotrope composition independent of pressure	3.5	179	~24.5	563
1638	C ₄ H ₄ S	Thiophene	84	Min. b.p.		1017
1639	C ₄ H ₆ O	Crotonaldehyde	102.15	~95		563
1640	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		526
1641	C ₄ H ₈ O ₂	Butyric acid	163.5	Nonazeotrope		26
1642	C ₄ H ₈ O ₂	Dioxane	101.35	113.35	43	556
1642a	C ₄ H ₈ O ₂	Propyl formate	80.9	Nonazeotrope		v-l 8c
1643	C ₄ H ₈ S	Tetrahydrothiophene	118.8	< 94.5	<73	566
1644	C ₄ H ₉ Br	1-Bromobutane	101.5	81.4	35	562
1645	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.3	76.7	30	555
1646	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	66.2	22	541
1647	C ₄ H ₉ Cl	1-Chlorobutane	78.5	69.4	25	562
1648	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	62.95	19	563
1649	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	51.6	50.0	11.2	541
1650	C ₄ H ₉ I	1-Iodobutane	130.4	92.6	52	562
1651	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.4	89.5	45	542
1652	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		563
1653	C ₄ H ₁₀ S	Ethyl sulfide	92.2	82.2	35	555
1654	C ₅ H ₅ N	Pyridine	115.5	150-151	63.5	360,563
		"	115.5	107.43	61.4	v-l 1058

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CH ₂ O ₂	Formic Acid (continued)	100.75			
1655	C ₅ H ₁₀	Cyclopentane	49.3	46.0	16	562
1656	C ₅ H ₁₀	2-Methyl-2-butene	37.15	35.0	10.5	541
1657	C ₅ H ₁₀	3-Methyl-1-butene	22.5	~ 22.2	~ 2	537
1658	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	>102.15	<85	552
1659	C ₅ H ₁₀ O	2-Pentanone	102.35	105.5	32	552
1660	C ₅ H ₁₀ O	3-Pentanone	102.05	105.25	33	552
1660a	C ₈ H ₁₆ O ₂	Butyl formate	106.6	99.7	38.4	8c
1661	C ₅ H ₁₀ O ₂	Isobutyl formate	98.3	Nonazeotrope		1023
1661a	C ₈ H ₁₆ O ₂	Valeric acid		50°-100°C. Nonazeotrope		v-1 471c
1662	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.3	90.5	47	541
1663	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	80.0	33.5	542
1664	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	97.0	62	562
1665	C ₅ H ₁₂	2-Methylbutane	27.95	27.2	4	537
1666	C ₅ H ₁₂	Pentane	36.15	34.2	10	537
1667	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	Azeotrope doubtful		563
1668	C ₆ H ₆ Cl ₂	<i>p</i> -Dichlorobenzene	174.6	Nonazeotrope		542
1669	C ₆ H ₅ Br	Bromobenzene	156.1	98.1	68	568
1670	C ₆ H ₅ Cl	Chlorobenzene	131.75	93.7	59	568
1671	C ₆ H ₅ F	Fluorobenzene	84.9	73.0	27	562
1672	C ₆ H ₆	Benzene	80.2	71.05	31	563
		" 521.4 mm.		60	30.69	v-1 979
		" 296.8 mm.		45	30.02	v-1 979
		" 157.7 mm.		30	29.35	v-1 979
1673	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		263
1674	C ₆ H ₇ N	2-Picoline	129	158	25	263
1675	C ₆ H ₇ N	3-Picoline, 200 mm.		100-125		174,810
		" 100 mm.		98-110		174,810
1676	C ₆ H ₇ N	4-Picoline, 200 mm.		100-175		174,810
		" 100 mm.		98-110		174,810
1677	C ₆ H ₈	1,3-Cyclohexadiene	80.8	~ 71	30	563
1678	C ₆ H ₁₀	Biallyl	60.2	~ 46		541
1679	C ₆ H ₁₀	Cyclohexene	82.75	71.5	21	563
1680	C ₆ H ₁₀ S	Allyl sulfide	139.35	97.5	80	566
1681	C ₆ H ₁₂	Cyclohexane	80.75	70.7	30	563
1682	C ₆ H ₁₂	Methylcyclopentane	72.0	63.3	29	562
1683	C ₈ H ₁₂ O	Pinacolone	106.2	>107.1	<24	552
1684	C ₈ H ₁₄	2,3-Dimethylbutane	58.0	52.5	22	542
1685	C ₈ H ₁₄	Hexane	68.95	60.6	28	537
1686	C ₈ H ₁₄ S	Isopropyl sulfide	120.5	93.5	62	566
1687	C ₈ H ₁₄ S	Propyl sulfide	141.5	98.0	83	566
1688	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	100.2	83	541
1689	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	100.5	88	541
1690	C ₇ H ₈	Toluene	110.7	85.8	50	563
1691	C ₇ H ₉ N	2,6-Lutidine, 200 mm.		100-125		174,810
		" 100 mm.		98-110		174,810

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CH₂O₂	Formic Acid (<i>continued</i>)	100.75			
1692	C ₇ H ₁₄	Methylcyclohexane	101.1	80.2	46.5	541
1693	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	78.2	56.5	527,804
1694	C ₈ H ₈	Styrene	145.8	95.75	73	17
1695	C ₈ H ₁₀	Ethylbenzene	136.15	~ 94.0	68	541
		" 200 mm.		60	69	53
1696	C ₈ H ₁₀	<i>m</i> -Xylene	139	92.8	71.8	526,803
1697	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	95.5	74	541
1698	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	~ 95	70.0	541
1699	C ₈ H ₁₁ N	Dimethylaniline	194.05	Nonazeotrope		563
1700	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	89.0	51	562
1701	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	83.2	48	562
1702	C ₈ H ₁₈	Octane	125.8	90.5	63	541
1703	C ₈ H ₁₈ O	Butyl ether	141	Nonazeotrope		537
1704	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		727
1705	C ₉ H ₈	Indene	182.4	Nonazeotrope		543
1706	C ₉ H ₁₂	Cumene	152.8	97.2	< 88	562
1707	C ₉ H ₁₂	Mesitylene	164.6	< 99.7	< 96	575
1708	C ₉ H ₁₂	Propylbenzene	159.3	< 98.8	< 93	575
1709	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		538
1710	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		538
1711	C ₁₀ H ₁₆	Thymene	179.7	Reacts		542
1712	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	< 98.5	< 93	575
A =	CH₃Br	Bromomethane	3.65			
1713	CH ₄ O	Methanol	64.7	3.55	99.45	1025
1714	C ₂ H ₄ O	Acetaldehyde	20.2	Nonazeotrope		563
1715	C ₂ H ₄ O ₂	Methyl formate	31.75	Nonazeotrope		547
1716	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	Nonazeotrope		550
1717	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		550
1718	C ₄ H ₆	Butadiene	— 4.5	Nonazeotrope		215
1719	C ₄ H ₈	1-Butene	— 6.5	Nonazeotrope		215
1720	C ₄ H ₁₀	Butane	— 0.6	— 4.4	57.3	375
A =	CH₃Cl	Chloromethane	— 23.7			
1721	C ₂ H ₆ O	Methyl ether	— 23.65	Azeotropic		559
1722	C ₄ H ₁₀	2-Methylpropane	— 10	Azeotropic		161
A =	CH₃Cl₃Si	Trichloromethylsilane	66.8			
1723	C ₂ H ₆ SiCl ₂	Dichlorodimethylsilane 40-760 mm.		Nonazeotrope	v-1	229
1724	C ₃ H ₉ SiCl	Chlorotrimethylsilane	57.5	V.p. curves, Nonazeotrope		485
1724a	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178	Nonazeotrope		886c
A =	CH₃I	Iodomethane	42.5			
1725	CH ₃ NO ₂	Methyl nitrate	64.8	Nonazeotrope		527
1726	CH ₄ O	Methanol	64.7	37.8	95.5	389,527
1727	C ₂ H ₄ O ₂	Methyl formate	31.9	31	~ 17	563
1728	C ₂ H ₆ O	Ethyl alcohol	78.3	41.2	96.8	573

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CH₃I	Iodomethane (continued)	42.5			
1729	C ₃ H ₆ O	Acetone	56.15	42.4	95	527
1730	C ₃ H ₆ O ₂	Ethyl formate	54.1	Nonazeotrope		538
		"	54.15	41.8		571c
1731	C ₃ H ₆ O ₂	Methyl acetate	56.95	Nonazeotrope		527
1732	C ₃ H ₇ Cl	1-Chloropropane	46.65	42.1	85	562
1733	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	39.5	> 30	527
1734	C ₃ H ₈ O	Isopropyl alcohol	82.4	42.4	98.2	531
1735	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		371
1736	C ₃ H ₈ O ₂	Methylal	42.2	39.45	57	527
1737	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		527
1738	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		527
1739	C ₄ H ₁₀ O	Methyl propyl ether	38.8	Nonazeotrope		527
1740	C ₄ H ₁₂ Si	Tetramethylsilane	26.64	26.1	28.8	28
1741	C ₅ H ₁₀	Cyclopentane	49.3	< 42.0	> 66	575
1742	C ₅ H ₁₀	2-Methyl-2-butene	37.1	< 36.2	> 40	575
1743	C ₅ H ₁₀	3-Methyl-1-butene	22.5	Azeotrope doubtful		563
1744	C ₅ H ₁₂	2-Methylbutane	27.95	< 25.0	> 20	562
1745	C ₅ H ₁₂	Pentane	36.2	< 33.8	> 38	527
1746	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
1747	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		527
A =	CH₃NO₃	Methyl Nitrite	— 16			
1748	C ₄ H ₆	Butadiene	— 4.7	Nonazeotrope		642
1749	C ₄ H ₈	1-Butene	— 6	— 16		642
1750	C ₄ H ₈	2-Methylpropene	— 6	— 16		642
1751	C ₄ H ₁₀	Butane	— 0.6	— 20		642
1752	C ₄ H ₁₀	2-Methylpropane	— 11	— 20		642
A =	CH₃NO₃	Nitromethane	101.2			
1753	CH ₄ O	Methanol		64.4	9.1	v-1 684g
		"	64.51	64.33	12.2	806, 554
1754	C ₂ Cl ₄	Tetrachloroethylene	121.1	95.0	80?	554
1755	C ₂ HCl ₃	Trichloroethylene	86.2			v-1 1048
		"	86.9	81.4	20	554
1756	C ₂ HCl ₃ O	Chloral	97.75	93	35	572
1757	C ₂ H ₃ N	Acetonitrile, 60°C.		Nonazeotrope		v-1 91
		"	81.6	Nonazeotrope		v-1 635e
1758	C ₂ H ₄ O ₂	Acetic acid	118.1	101.2	96	554
1759	C ₂ H ₄ S	Ethylene sulfide	55.7	Nonazeotrope		575
1760	C ₂ H ₅ ClO	2-Chloroethanol	128.6	Nonazeotrope		554
1761	C ₂ H ₅ I	Iodoethane	72.3	71.2	10	554
1762	C ₂ H ₅ NO ₃	Ethyl nitrate	87.70	87.68	1.2	527
1763	C ₂ H ₆ O	Ethyl alcohol	78.3	75.95	26.8	554
		"	78.32	76.05	29.0	806
1764	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope		576

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CH ₃ NO ₂	Nitromethane (continued)	101.2			
1765	C ₂ H ₆ S	Ethanethiol	35.8			554
1766	C ₂ H ₆ S	Methyl sulfide	37.4			554
1767	C ₂ H ₇ NO	2-Aminoethanol	170.8			575
1768	C ₃ H ₅ Br	3-Bromopropene	70.0	< 69.8	> 4	554
1769	C ₃ H ₅ I	3-Iodopropene	101.8	89.0		548,554
1770	C ₃ H ₆ O	Acetone, 45°C.				v-1 91
1771	C ₃ H ₆ O	Allyl alcohol	96.85	89.3	43	554
1772	C ₃ H ₆ O ₂	Propionic acid	141.3			Nonazeotrope 554
1773	C ₃ H ₇ Br	1-Bromopropane	71.0	70.6	7	554
1774	C ₃ H ₇ Br	2-Bromopropane	59.2			Nonazeotrope 548
1775	C ₃ H ₇ Cl	1-Chloropropane	46.4			Nonazeotrope 555
1776	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0			Nonazeotrope 554
1777	C ₃ H ₇ ClO	2-Chloro-1-propanol	133.7			Nonazeotrope 554
1778	C ₃ H ₇ I	1-Iodopropane	102.4	89.2	> 42	554
1779	C ₃ H ₇ I	2-Iodopropane	89.45	82.0	33	554
1780	C ₃ H ₇ NO ₂	Propyl nitrate	110.5	100.2	75	554
1781	C ₃ H ₈ O	Isopropyl alcohol	82.0	79.3	28.2	v-1 156,857
		" "	82.40	79.33	27.6	806
1782	C ₃ H ₈ O	Propyl alcohol	97.25			Nonazeotrope v-1 383
		"	97.15	89.09	48.4	806
		"	97.2	89.3	47.5	285,554
1783	C ₃ H ₉ SiCl	Chlorotrimethylsilane	57.7			Nonazeotrope 841
1783a	C ₄ H ₆	1,3-Butadiene	-4.6			Nonazeotrope v-1 1030c
1784	C ₄ H ₆ O	Crotonaldehyde	102.15	99		563
1785	C ₄ H ₈ O	2-Butanone	79.6			Nonazeotrope 552
1786	C ₄ H ₈ O ₂	Dioxane	101.35	100.55	56.5	527
		" 722 mm.		98	30.7	v-1 912
		" 398 mm.		80	30.7	v-1 912
		" 103 mm.		46	30.7	v-1 912
		" 48 mm.		30	30.7	v-1 912
1787	C ₄ H ₈ O ₂	Ethyl acetate	77.1			Nonazeotrope 554
1788	C ₄ H ₈ O ₂	Methyl propionate	79.85			554,1038
1789	C ₄ H ₈ O ₂	Propyl formate	80.85			Nonazeotrope 554
1790	C ₄ H ₉ Br	1-Bromobutane	101.5	90.0	50	554
1791	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	84.0	34	554
1792	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	72.2	9	554
1793	C ₄ H ₉ Cl	1-Chlorobutane	78.5	75.5	16	554
1794	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	68.35	6	554
1795	C ₄ H ₉ I	1-Iodobutane	130.4	99.8	~90	548,554
1796	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	96.7	>60	554
1797	C ₄ H ₁₀ O	Butyl alcohol	117.8	97.8	70	554
		" "	117.73	97.99	71.4	806
1798	C ₄ H ₁₀ O	sec-Butyl alcohol	99.53	91.14	45.8	806
		" "	99.5	91.1	46	554
1799	C ₄ H ₁₀ O	tert-Butyl alcohol	82.45	79.4	32	554
		" "	82.41	80.04	21.2	806

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CH_3NO_3	Nitromethane (<i>continued</i>)	101.2			
1800	$\text{C}_4\text{H}_{10}\text{O}$	Isobutyl alcohol	107.89	94.46	57.6	806
		"	108.0	94.6	56.5	554
1801	$\text{C}_4\text{H}_{10}\text{O}_2$	2-Ethoxyethanol	135.3	Nonazeotrope		554
1802	$\text{C}_4\text{H}_{10}\text{S}$	1-Butanethiol	97.5	< 93.2		554
1803	$\text{C}_4\text{H}_{10}\text{S}$	Ethyl sulfide	92.1	85.0	30	554
1804	$\text{C}_5\text{H}_5\text{N}$	Pyridine	115.4	<100.5	>85	575
1805	C_5H_8	Isoprene	34.1	Nonazeotrope		v-1 716
1806	C_5H_8	1,3-Pentadiene	42.3	Nonazeotrope		v-1 716
1807	C_5H_{10}	2-Methyl-1-butene	31.1	Nonazeotrope		v-1 716
1808	C_5H_{10}	2-Methyl-2-butene	38.5	38	5.0	v-1 716
1809	C_5H_{10}	3-Methyl-1-butene	20.6	Nonazeotrope		554
1810	C_5H_{10}	Cyclopentane	49.3	<47.5	> 9	554
1811	$\text{C}_5\text{H}_{10}\text{O}$	Cyclopentanol	140.85	Nonazeotrope		554
1812	$\text{C}_5\text{H}_{10}\text{O}$	3-Methyl-2-butanone	95.4	<94.8		575
1813	$\text{C}_5\text{H}_{10}\text{O}$	2-Pentanone	102.35	99.15	56	552
1814	$\text{C}_5\text{H}_{10}\text{O}$	3-Pentanone	102.05	99.1	55	552
1815	$\text{C}_5\text{H}_{10}\text{O}_2$	Butyl formate	106.8	< 98.7	<60	554
1816	$\text{C}_5\text{H}_{10}\text{O}_2$	Ethyl propionate	99.1	96.0	35	554
1817	$\text{C}_5\text{H}_{10}\text{O}_2$	Isobutyl formate	98.2	94.7	32	554
1818	$\text{C}_5\text{H}_{10}\text{O}_2$	Isopropyl acetate	89.5	< 89.3		554
1819	$\text{C}_5\text{H}_{10}\text{O}_2$	Methyl butyrate	102.65	97.95	50	554
1820	$\text{C}_5\text{H}_{10}\text{O}_2$	Methyl isobutyrate	92.5	91.2		554
1821	$\text{C}_5\text{H}_{10}\text{O}_2$	Propyl acetate	101.6	97.6	45	554
1822	$\text{C}_5\text{H}_{11}\text{Br}$	1-Bromo-3-methylbutane	120.65	97.5		554
1823	$\text{C}_5\text{H}_{11}\text{Cl}$	1-Chloro-3-methylbutane	99.4	88.2	48	554
1824	$\text{C}_5\text{H}_{11}\text{NO}_2$	Isoamyl nitrite	97.15	94.2		554
1825	C_5H_{12}	2-Methylbutane	27.95	Nonazeotrope		554
		"	27.9	Nonazeotrope		v-1 716
1826	C_5H_{12}	Pentane	36.07	35	1	806
1827	$\text{C}_5\text{H}_{12}\text{O}$	<i>tert</i> -Amyl alcohol	102.35	93.1	49.5	554
1828	$\text{C}_5\text{H}_{12}\text{O}$	Isoamyl alcohol	131.9	100.6	88	554
1829	$\text{C}_5\text{H}_{12}\text{O}$	3-Methyl-2-butanol	112.9	96.4	63	554
1830	$\text{C}_5\text{H}_{12}\text{O}$	2-Pentanol	119.8	98.5	73	554
1831	$\text{C}_5\text{H}_{12}\text{O}$	3-Pentanol	116.0	97.4	68	554
1832	$\text{C}_5\text{H}_{12}\text{O}_2$	2-Propoxyethanol	151.35	Nonazeotrope		554
1833	$\text{C}_6\text{H}_5\text{Cl}$	Chlorobenzene	131.75	Nonazeotrope		575
1834	$\text{C}_6\text{H}_5\text{NO}_2$	Nitrobenzene	210.9	Nonazeotrope		v-1 963
1835	C_6H_6	Benzene 228 mm.		45	9.6	91
		"	80.15	79.15	14	554
		" 97.7 mm.		25	6.4	v-1 845
		"	80.1		12.7	v-1 1010
1836	C_6H_{10}	Cyclohexene	82.75	< 74.5	<31	554
1837	C_6H_{10}	Biallyl	60.1	< 57.5	<23	554
1838	$\text{C}_6\text{H}_{10}\text{S}$	Allyl sulfide	139.35	Nonazeotrope		554
1839	C_6H_{12}	Cyclohexane	80.75	70.2	28	554
		"	80.75	69.5	26.5	v-1 1010

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CH_3NO_3	Nitromethane (<i>continued</i>)	101.2			
1840	C_6H_{12}	1-Hexene	63.84	59.7	7.4	806
1841	C_6H_{12}	Methylcyclopentane	72.0	64.2	23	554
1842	$\text{C}_6\text{H}_{12}\text{O}$	Cyclohexanol	160.8	Nonazeotrope		554
1843	$\text{C}_6\text{H}_{12}\text{O}$	4-Methyl-2-pentanone	116.05	Nonazeotrope		552
1844	$\text{C}_6\text{H}_{12}\text{O}$	Pinacolone	106.2	<100.5		552
1845	$\text{C}_6\text{H}_{12}\text{O}_2$	Ethyl butyrate	121.5	Nonazeotrope		554
1846	$\text{C}_6\text{H}_{12}\text{O}_2$	Ethyl isobutyrate	110.1	100.1	72	554
1847	$\text{C}_6\text{H}_{12}\text{O}_2$	Isobutyl acetate	117.2	Nonazeotrope		548
1848	$\text{C}_6\text{H}_{12}\text{O}_2$	Methyl isovalerate	116.5	Nonazeotrope		548
1849	C_6H_{14}	2,3-Dimethylbutane	58.0	< 54.5	<26	554
1850	C_6H_{14}	<i>n</i> -Hexane	68.8	62.0	21	554
		"	68.74	61.7	18.5	806
1851	$\text{C}_6\text{H}_{14}\text{O}$	<i>n</i> -Hexyl alcohol	157.85	Nonazeotrope		554
1852	$\text{C}_6\text{H}_{14}\text{O}_2$	Acetal	104.5	95 ~65		563
1853	$\text{C}_6\text{H}_{14}\text{S}$	Isopropyl sulfide	120.5	< 99.5	>85	575
1854	$\text{C}_6\text{H}_{14}\text{S}$	Propyl sulfide	141.5	Nonazeotrope		566
1855	$\text{C}_6\text{H}_{15}\text{NO}$	2-(Diethylamino)ethanol	162.2	Nonazeotrope		575
1856	C_7H_8	Toluene	110.75	96.5	55	321,554
1857	C_7H_{14}	1-Heptene	93.64	79.4	31.1	806
1858	C_7H_{14}	Methyl cyclohexane	101.15	81.25	39.5	554
		"	100.1	81.7	39.5	1038
1859	C_7H_{16}	Heptane 748 mm.		79.70	35.6	613
		"	98.43	79.9	34.7	806
		"	98.4	80.2	37	554
1860	C_8H_8	Styrene	145.8	Nonazeotrope		554
1861	C_8H_{10}	Ethylbenzene	136.15	Nonazeotrope		554
1862	C_8H_{10}	<i>m</i> -Xylene	139.2	Nonazeotrope		514
1863	C_8H_{10}	<i>o</i> -Xylene	144.3	Nonazeotrope		554
1864	C_8H_{16}	1,3-Dimethylcyclohexane	120.7	90.2	50	554
1865	C_8H_{16}	1-Octene	121.28	91.2	52.3	806
1866	C_8H_{18}	2,5-Dimethylhexane	109.4	85.5	43	554
1867	C_8H_{18}	<i>n</i> -Octane	125.75	92.0	53	554
		" 748 mm.		90.23	55.2	613
		"	125.66	90.6	54.0	806
1868	$\text{C}_8\text{H}_{18}\text{O}$	Isobutyl ether	122.3	Nonazeotrope		554
1869	C_9H_{12}	Cumene	152.8	Nonazeotrope		554
1870	C_9H_{12}	Mesitylene	164.6	Nonazeotrope		554
1871	$\text{C}_n\text{H}_{2n+2}$	Paraffins	90-118	25-90		321
1872	C_9H_{18}	1-Nonene	146.87	97.1	72.3	806
1873	C_9H_{20}	Nonane	150.85	96.5	70.2	806
		" 748 mm.		96.14	71.6	613
1874	$\text{C}_{10}\text{H}_{20}$	1-Decene	170.57	99.8	84.2	806
1875	$\text{C}_{10}\text{H}_{22}$	Decane	174.12	99.1	84.1	806
		" 748 mm.		98.81	83.9	613
1876	$\text{C}_{11}\text{H}_{24}$	Undecane 748 mm.		100.01	90.7	613

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CH₃NO₃	Nitromethane (<i>continued</i>)	101.2			
1877	C ₁₂ H ₂₆	Dodecane 748 mm.		100.60	95.8	613
1878	C ₁₃ H ₂₈	Tridecane 748 mm.		Nonazeotrope		613
1879	C ₁₆ H ₃₄	Hexadecane 748 mm.		Nonazeotrope		613
A =	CH₃NO₃	Methyl Nitrate	64.8			
1880	CH ₄ O	Methanol	64.65	52.5	73	560
1881	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.45	Nonazeotrope		560
1882	C ₂ H ₅ Br	Bromoethane	38.4	Nonazeotrope		560
1883	C ₂ H ₅ I	Iodoethane	72.3	< 63.5	< 72	560
1884	C ₂ H ₆ O	Ethyl alcohol	78.3	< 59.5	> 64	560
1885	C ₃ H ₅ Br	3-Bromopropene	70.5	62.8	68	560
1886	C ₃ H ₅ Cl	3-Chloropropene	45.3	Nonazeotrope		560
1887	C ₃ H ₇ Br	1-Bromopropane	71.0	63.0	70	560
1888	C ₃ H ₇ Br	2-Bromopropane	59.4	57.3	32	560
1889	C ₃ H ₇ Cl	1-Chloropropane	46.65	Nonazeotrope		560
1890	C ₃ H ₈ O	Isopropyl alcohol	82.42	< 62.5	> 78	560
1891	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		557
1892	C ₆ H ₆ S	Thiophene	84.7	Nonazeotrope		560
1893	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	63.8	< 80	560
1894	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		560
1895	C ₄ H ₉ Cl	2-Chlorobutane	68.25	< 62.0	< 64	560
1896	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	61.2	61	560
1897	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	63.2	84	560
1898	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		557
1899	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.8	< 63.9		557
1900	C ₅ H ₁₀	Cyclopentane	49.4	< 47.2	> 20	560
1901	C ₅ H ₁₂	Pentane	36.15	< 35.5	< 10	560
1902	C ₅ H ₁₂ O	Ethyl propyl ether	63.85	< 61.5		557
1903	C ₆ H ₅ F	Fluorobenzene	84.9	Nonazeotrope		560
1904	C ₆ H ₆	Benzene	80.15	Nonazeotrope		560
1905	C ₆ H ₁₂	Cyclohexane	80.75	61.0	77	560
1906	C ₆ H ₁₂	Methylcyclopentane	72.0	57.8	60	560
1907	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	51.0	38	560
1908	C ₆ H ₁₄	Hexane	68.8	56.0	56	560
1909	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		560
A =	CH₄	Methane	—164			
1910	C ₂ H ₆	Ethane	— 88	Nonazeotrope	v-1	766
1910a	C ₃ H ₆	Propylene	— 48	Nonazeotrope		63c
1911	C ₃ H ₈	Propane	— 44	Nonazeotrope	v-1	766
A =	CH₃Cl₂Si	Dichloromethylsilane				
1912	C ₃ H ₉ Cl ₂ Si	Chlorotrimethylsilane, 30°-40°		V.p. curve, nonazeotrope		872
A =	CH₄O	Methanol	64.7			
1913	C ₂ Cl ₃ F ₃	1,1,2-Trichlorotrifluoroethane	47.5	39.9	6	46,982

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CH ₄ O	Methanol (<i>continued</i>)	64.7			
1914	C ₂ Cl ₄	Tetrachloroethylene	121.1	63.75	63.5	574
1915	C ₂ HCl ₃	Trichloroethylene	87	59.3	38	v-1 276,297
1916	C ₂ H ₂ BrCl	1-Bromo-2-chloroethylene	106.7	Nonazeotrope		575
1917	C ₂ H ₂ Br ₂	<i>cis</i> -1,2-Dibromoethylene	112.5	Nonazeotrope		563
1918	C ₂ H ₂ Br ₂	<i>trans</i> -1,2-Dibromoethylene	108	Nonazeotrope		575
		"	108	~ 64.1	~ 72	563
1919	C ₂ H ₂ Cl ₂	1,1-Dichloroethylene	31	27.5-28	6 vol. %	956
1920	C ₂ H ₂ Cl ₂	<i>cis</i> -1,2-Dichloroethylene	60.25	51.5	~ 13	563
		"	60.3	51.5	15.1	v-1 12
1921	C ₂ H ₂ Cl ₂	<i>trans</i> -1,2-Dichloroethylene	48.3	41.9	9.02	v-1 12
1922	C ₂ H ₃ Br	Bromoethylene	15.8	< 15.7		575
1923	C ₂ H ₃ Cl ₃	1,1,1-Trichloroethane	74.1	56	21.7	215
1924	C ₂ H ₃ Cl ₃	1,1,2-Trichloroethane	113.65	Nonazeotrope		575
		"	114	~ 64.5	97	563
1925	C ₂ H ₃ N	Acetonitrile	81.6	63.45	19	563
1926	C ₂ H ₄ BrCl	1-Bromo-2-chloroethane	106.7	64.5?		563
1927	C ₂ H ₄ Br ₂	1,1-Dibromoethane	109.5	Nonazeotrope		575
		"	~ 110	64.2	~ 82	563
1928	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.65	Nonazeotrope		574
1929	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57.3	49.05	11.5	563
1930	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7	60.95	32	572
		"	83.5	59.5	35	v-1 282 982
1931	C ₂ H ₄ O	Acetaldehyde	20.2	Nonazeotrope		v-1 467,575
1932	C ₂ H ₄ O	Ethylene oxide	10.75	Nonazeotrope		575
1933	C ₂ H ₄ O ₂	Acetic acid	118.1	Nonazeotrope		v-1 601,811
1934	C ₂ H ₄ O ₂	Methyl formate	31.9	Nonazeotrope		563
1935	C ₂ H ₂ S	Ethylene sulfide	55.7	< 47.0	< 21	575
1936	C ₂ H ₅ Br	Bromoethane	38	35	5	563,834
		"		34.9	5.3	497
1937	C ₂ H ₅ Cl	Chloroethane	13.5	Nonazeotrope		563
1938	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.5	56	~ 35	563
1939	C ₂ H ₅ I	Iodoethane	72.3	55	17	563,834
1940	C ₂ H ₅ NO	Acetamide	220.9	Nonazeotrope		527
1941	C ₂ H ₅ NO ₂	Nitroethane	114.2	Nonazeotrope		576
1942	C ₂ H ₅ NO ₃	Ethyl nitrate	87.68	61.77	57	560
1943	C ₂ H ₆	Ethane	—93	Nonazeotrope		563
1944	C ₂ H ₆ O	Ethyl alcohol	78.3	Nonazeotrope		v-1 114,563, 889
						35,859c
1945	C ₂ H ₆ O ₂	Ethylene glycol	197.4	Nonazeotrope		v-1 35,859c
1946	C ₂ H ₆ S	Ethanethiol	36.2	Nonazeotrope		563
1947	C ₂ H ₆ S	Methyl sulfide	37.3	< 34.5	< 13	566
1948	C ₃ H ₃ N	Acrylonitrile	77.3	61.4	61.3	215
		"	175 mm.	37	29	47
1949	C ₃ H ₄ Cl ₂	1,2-Dichloro-1-propene	76.8	56.5	25	410

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CH ₄ O	Methanol (<i>continued</i>)	64.7			
1950	C ₃ H ₄ O	Acrolein	52.45	Nonazeotrope		575
1951	C ₃ H ₅ Br	<i>trans</i> -1-Bromopropene	63.25	50.8	15	563
1952	C ₃ H ₅ Br	<i>cis</i> -1-Bromopropene	57.8	48	12	563
1953	C ₃ H ₅ Br.	2-Bromopropene	48.35	42.7	11	563
1954	C ₃ H ₅ Br	3-Bromopropene	70.5	54.0	20.5	567
1955	C ₃ H ₅ Cl	2-Chloropropene	22.65	22.0	3	573
1956	C ₃ H ₅ Cl	3-Chloropropene	45.15	39.85	10	567
1957	C ₃ H ₅ ClO	Epichlorohydrin	116.4	Nonazeotrope		556
1958	C ₃ H ₅ ClO ₂	Methyl chloroacetate	131.4	Nonazeotrope		121
1959	C ₃ H ₅ I	3-Iodopropene	102.0	63.5	~62	563
1960	C ₃ H ₅ N	Propionitrile	97.1	Nonazeotrope		563
1961	C ₃ H ₆ Cl ₂	1,2-Dichloropropane	96.8	62.9	53	276
1962	C ₃ H ₆ Cl ₂	2,2-Dichloropropane	69.8	55.5	21	573
1963	C ₃ H ₆ O	Acetone	56.15	55.5	12	261,371, 527,834
		"	100 mm.	Nonazeotrope	v-1	282
		"	182 mm.	20	9.5	v-1 44c
		"	283 mm.	30	8.5	v-1 44c
		"	426 mm.	40	<9.5	v-1 44c
		"	758 mm.	55	14	v-1 290c
		"		55	12.9	v-1 621
		"		45	9.2	v-1 621
		"		35	4.7	v-1 621
		"	752 mm.	55.07	14.8	v-1 16,364
		"	56.1	Nonazeotrope		518
		"	4.56 atm.	108	102	32 982
		"	7.82 atm.	132	124	46 982
		"	11.6 atm.	150	140	56 982
1964	C ₃ H ₆ O	Propionaldehyde	48.7	Nonazeotrope		575
1965	C ₃ H ₆ OS	Methyl thioacetate	95.5	Nonazeotrope		575
1966	C ₃ H ₆ O ₂	Ethyl formate	54.15	50.95	16	563
1967	C ₃ H ₆ O ₂	Methyl acetate		8.5	11.6	861c
		"	100 mm.	21.5	13.6	v-1 861c,36c
		"	200 mm.	37.2	15.6	861c
		"	400 mm.	53.5	19	861c,36c
		"	760 mm.	97.0	27	v-1 36c
		"	4 atm.	123.2	33	v-1 36c
		"	8 atm.	53.8	17.7	359,834
		"	57.1	53.9	17.7	v-1 110,179
		"	4.4 atm.	107	29	982
		"	7.8 atm.	132	120	34.6 982
		"	11.2 atm.	149	135	40.4 982
1968	C ₃ H ₆ O ₃	Methyl carbonate	90.35	62.7	~70	536
1969	C ₃ H ₇ Br	1-Bromopropane	71.0	54.5	21	389,535
1970	C ₃ H ₇ Br	2-Bromopropane	59.4	49.0	14.5	527
1971	C ₃ H ₇ Cl	1-Chloropropane	46.6	40.6	10	555
1972	C ₃ H ₇ Cl	2-Chloropropane	36.25	33.4	6	573

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CH₃O	Methanol (continued)	64.7			
1973	C ₃ H ₇ I	1-Iodopropane	102.4	63.1	50	527
1974	C ₃ H ₇ I	2-Iodopropane	89.35	61.0	38	573
1975	C ₃ H ₇ NO	Propionamide	222.1	Nonazeotrope		531
1976	C ₃ H ₇ NO ₂	1-Nitropropane	131.18	Nonazeotrope		806
1977	C ₃ H ₇ NO ₂	2-Nitropropane	120.25	Nonazeotrope		806
1978	C ₃ H ₈	Propane	— 44	Min. b.p.		563
1978a	C ₃ H ₈ O	Isopropyl alcohol 55°C.		Nonazeotrope		v-l 290c
		"	82.3	Nonazeotrope		v-l 290c
1979	C ₃ H ₈ O ₂	2-Methoxyethanol	124	Nonazeotrope		v-l 884
		" 752 mm.		Nonazeotrope		v-l 982
		" 800 mm.		Nonazeotrope		v-l 982
1980	C ₃ H ₈ O ₂	Methylal	42.3	41.82	7.85	140,324,545
				41.7	4.4	581c
1981	C ₃ H ₈ S	Propanethiol	67.3	< 58.0	< 35	566
1982	C ₃ H ₈ BO ₃	Methyl borate	68.7	54.6	32	574
		"	68.0	54.0	27	318,982
		" 60 p.s.i.g.		100	33	982
		" 30 p.s.i.g.		84	29	982
		" 200 mm.		25	22	982
		Methyl borate	69	54.18	25	v-l 865
1983	C ₄ H ₄ Cl ₂	2,3-Dichloro-1,3-butadiene	98	61.5	50.0	1023
		" 200 mm.		31.65	47	v-l 158c
		" 275 mm.		36.0	53.5	1023
		" 475 mm.		50.0	52.0	1023
		" 1000 mm.		70		1023
1984	C ₄ H ₄ N ₂	Pyrazine	114	Nonazeotrope		751
1985	C ₄ H ₄ O	Furan	31.7	< 30.5	< 7	575
1986	C ₄ H ₄ S	Thiophene	84	< 59.55	< 55	527
		"		59.71	16.4	v-l 605
1987	C ₄ H ₅ NS	Allyl isothiocyanate	152.05	Nonazeotrope		575
1988	C ₄ H ₆ O	Crotonaldehyde	102	Nonazeotrope		241
1989	C ₄ H ₆ O ₂	Biacetyl	87.5	< 62.0	< 75	552
1990	C ₄ H ₆ O ₂	Methyl acrylate	80	62.5	54	799,800
1991	C ₄ H ₆ O ₂	Vinyl acetate	72.7	58.8	36.6	982
		"	72.6	59.05	36.6	266
				Azeo. comp. independent of press.		830c
1992	C ₄ H ₇ N	Pyrroline	90.9	Nonazeotrope		575
1993	C ₄ H ₈ O	2-Butanone	79.6	63.5	70	83
		"	79.6	Effect of pressure		v-l 83
				64.5	70	v-l 383
1994	C ₄ H ₈ O	Butyraldehyde	74.8	Nonazeotrope		132
1995	C ₄ H ₈ O	Isobutyraldehyde	63.5	62.7	40	575
1996	C ₄ H ₈ O	Tetrahydrofuran,				
		" 740 mm.	65	59.1	31.1	318
		"	66	60.7	31.0	224
		" 349 mm.		40	25.4	v-l 859c
1997	C ₄ H ₈ O ₂	1,2-Dimethoxyethylene	102	63-64	90	345

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.	
A =	CH ₃ O	Methanol (<i>continued</i>)	64.7				
1998	C ₄ H ₈ O ₂	Dioxane	101.05	Nonazeotrope	v-1	241,733	
1999	C ₄ H ₈ O ₂	Ethyl acetate	77.1	62.25	44	572,834	
		"	77.1	62.3	45.8	v-1	7
		"	77.1	62.4	47.1	v-1	679
		" 40°-60°		% alcohol increases with pressure		v-1	674
		"	76.7	62.1	48.6		982
		" 730 mm.		62.2	47.5	v-1	684f
2000	C ₄ H ₈ O ₂	Isopropyl formate	68.8	57.2	33		567
2001	C ₄ H ₈ O ₂	Methyl propionate	79.8	62.45	47.5		572
		" "	79.7	62.0	50		227
2002	C ₄ H ₈ O ₂	Propyl formate	80.8	61.9	50.2		572
2003	C ₄ H ₈ S	Tetrahydrothiophene	118.8	Nonazeotrope			566
2004	C ₄ H ₉ Br	1-Bromobutane	101.5	63.5	59		527
2005	C ₄ H ₉ Br	2-Bromobutane	91.2	61.5	41.5		567
2006	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.0	61.55	42		389,555
2007	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	55.6	~24		563
2008	C ₄ H ₉ Cl	1-Chlorobutane	78.05	57.2	28.5		555
2009	C ₄ H ₉ Cl	2-Chlorobutane	68.25	52.7	20		567
2010	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.9	53.05	23		563
2011	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	51.6	43.75	10		532
2012	C ₄ H ₉ I	1-Iodobutane	130.4	Nonazeotrope			575
2013	C ₄ H ₉ I	2-Iodobutane	120.0	< 64.60	>65		575
2014	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.4	Nonazeotrope			532
		"	119	64	<70		834
2015	C ₄ H ₁₀ O	Butyl alcohol, crit. region	117.75	Nonazeotrope	v-1	213,383	
2015a	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5	Nonazeotrope		581c	
2016	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		834	
2017	C ₄ H ₁₀ O	Methyl propyl ether	39	38	11.94		73
		" "	38.95	38.85	10		545
2018	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	57.5	24.2		45
2019	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.90	57.1	25.3		1035
2020	C ₄ H ₁₀ S	Ethyl sulfide	92.2	61.2	62		555
2020a	C ₄ H ₁₁ N	Butylamine 730 mm.		Nonazeotrope	v-1	684e	
2021	C ₄ H ₁₁ N	Diethylamine 730 mm.		67.3	58	v-1	684e
		"	55.9	Nonazeotrope		545	
		" 740 mm.	54.7	66.2	40		982
2022	C ₄ H ₁₁ N	Isobutylamine	68.0	Reacts			545
2023	C ₄ H ₁₂ SiO	Methoxytrimethylsilane	57.0		14-16		839

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CH₃O	Methanol (<i>continued</i>)	64.7			
2024	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope	v-l	684g,553
2025	C ₅ H ₆ O	2-Methylfuran	63.7	51.5	22.3	769
2026	C ₅ H ₈	Cyclopentene	43	37	20 vol. %	878,1015
2027	C ₅ H ₈	Isoprene	34.8	~ 29.5		563
		"	34.1	30.0	7.92 v-l	651
		"		30.7	8.0	476
		"	34.3	29.57	5.2	946
		"	34.3	30.45	4.1	581c,946
2028	C ₅ H ₈	3-Methyl-1,2-butadiene	40.8	34.7	8.5	946
		"	40.8	~ 35	~ 10	563
2029	C ₅ H ₈	<i>cis</i> -1,3-pentadiene	42	37.5	16.7 vol. %	1015
		"	42.3	37.6	13	476
		"	44.0	38.1	16 vol. %	826
2030	C ₅ H ₈	<i>trans</i> -1,3-Pentadiene	42.0	36.5	15 vol. %	826
		"		36.5	12.9 v-l	715
2031	C ₅ H ₈ O	1,3-Butadienyl methyl ether	90.7	62	57.5	982
2032	C ₅ H ₈ O ₂	Ethyl acrylate		64.5	84.4	799,800
2033	C ₅ H ₈ O ₂	Methyl methacrylate	99.5	64.2	82 v-l	1032
		" 200 mm.	61.5	34.5	82 v-l	1032
		"		64.5	89.3 v-l	300
2034	C ₅ H ₁₀	Cyclopentane	49.4	38.8	14	567
2035	C ₅ H ₁₀	2-Methyl-1-butene	32	27.4	8.1 v-l	715
		"	31.1	27.6	6.5	476
2036	C ₅ H ₁₀	2-Methyl-2-butene	38.5	33	10.5	476
		"	37.7	33.1	11.2 v-l	715
		"		33.1	11.4	497
		"	37.15	31.75	7	563
2037	C ₅ H ₁₀	3-Methyl-1-butene	22.5	19.8	3	537
		"	21.2	17.9	4.28 v-l	715
		"	20.1		4.0	476
2038	C ₅ H ₁₀	1-Pentene	30.0	26.8	8.5	476
		"	29.92	26.4	13 vol. %	826
		"	30.1	26.3	8.92 v-l	715
2039	C ₅ H ₁₀	<i>cis</i> -2-Pentene	37.1	31.8	7 vol. %	826
2040	C ₅ H ₁₀	2-Pentene	37	31.6	10	476
		"	35.8	31.5	12 vol. %	1015
2041	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		552
2042	C ₅ H ₁₀ O	3-Pentanone	102.2	Nonazeotrope	v-l	383
2043	C ₅ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope		575
2044	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	Nonazeotrope		537
2045	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	64.6	~95	536
2046	C ₅ H ₁₀ O ₂	Isopropyl acetate	91.0	64.5	80	536
		"	88.7	64.0	70.2	982
2047	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		536
2048	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	64.0	75	536
		" "	92.3	Nonazeotrope		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CH ₃ O	Methanol (<i>continued</i>)	64.7			
2049	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		536
2049a	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope	v-1	920c
2050	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	118.2	Nonazeotrope		389
				B.p. curve		389
2051	C ₅ H ₁₁ Cl	1-Chloropentane	108.35	Nonazeotrope		409
2052	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	62.0	57	527
2053	C ₅ H ₁₁ N	Piperidine	106.4	Nonazeotrope		575
2054	C ₅ H ₁₂	2-Methylbutane	27.95	24.5	~ 4	563
		"	27.6	24.62	4	946
		"		24.2	6.98	v-1 715
		"	27.9	24.7	6.3	476
2055	C ₅ H ₁₂	Pentane	36	30.6	7.6	476
		"	36.1	30.6	15 vol. %	1015
		"	37.15	30.8	9	538
		"	36.15	30.85	7	946
2056	C ₅ H ₁₂ O	Amyl alcohol	137.8	Nonazeotrope	v-1	383
2057	C ₅ H ₁₂ O	Butyl methyl ether	71	56.3	35.35	73
2058	C ₆ H ₁₂ O	<i>tert</i> -Butyl methyl ether	55	50.6	10	581c,256
2059	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	55.5	24	556
2060	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	63.2	65	527
2061	C ₅ H ₁₂ O ₂	2,2-Dimethoxypropane	80	61-62	45	594
2062	C ₅ H ₁₄ SiO	Methoxymethyl-trimethylsilane	83	60	36 vol. %	907
2063	C ₆ H ₅ Cl	Chlorobenzene	132.0	Nonazeotrope	v-1	574,684g
2064	C ₆ H ₅ F	Fluorobenzene	85.15	59.7	32	545
2065	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
2066	C ₆ H ₆	Benzene	80.1	57.50	39.1	v-1 1026
		" 770 mm.		58	38.4	} 297,814, 834,903,1044
		" 400 mm.		40	36.8	
		" 223 mm.		25	33.1	
		" 80.1		58	38	v-1 1026,406a
		" 64.7 p.s.i.a.	108	102	49	v-1 783
		" 112.7 p.s.i.a.	128	123	54	v-1 783
		" 159.7 p.s.i.a.	141	138	58	v-1 783
		" 209.7 p.s.i.a.	152	148	62	v-1 783
		" 259.7 p.s.i.a.	161	159	65	v-1 783
		" to crit. pt.		Azeotropic	v-1	888
2067	C ₆ H ₈	1,3-Cyclohexadiene	80.8	56.38	38.8	563
2068	C ₆ H ₈	1,4-Cyclohexadiene	85.6	58	42.5	563
2069	C ₆ H ₈ O	2,5-Dimethylfuran	93.3	61.5	51	982
2070	C ₆ H ₁₀	Biallyl	60.2	47.05	22.5	563
2071	C ₆ H ₁₀	Cyclohexene	82.75	55.9	40	563
2072	C ₆ H ₁₀	2,3-Dimethyl-1,3-butadiene	68.9	52	25	78
2073	C ₆ H ₁₀	1,3-Hexadiene	72.9	< 58	~40	221
2074	C ₆ H ₁₀	2,4-Hexadiene	82	~ 58	~40	221
2075	C ₆ H ₁₀	Methylcyclopentene	75.85	53.0	35	567
2076	C ₆ H ₁₀	3-Methyl-1,3-pentadiene	77	~ 58	~40	221

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CH ₃ O	Methanol (<i>continued</i>)	64.7			
2076a	C ₆ H ₁₀ O	Methyldihydropyran	118.5		Nonazeotrope	581c
2077	C ₆ H ₁₀ O ₂	Isopropyl acrylate			Min. b.p.	799
2078	C ₆ H ₁₀ O ₂	Propyl acrylate			Min. b.p.	799
2079	C ₆ H ₁₂	Cyclohexane	80	54	38	276,563
		"		35	34.8	v-1 623
		"		55	37.6	v-1 623
		" 520 mm.		45	35.6	v-1 623
		"		53.9	36.4	v-1 604
		"		54.28	36.7	v-1 623
		" 527 mm.		45	36.4	v-1 604
		"		55	36.4	v-1 604
		" <760 mm.		27.5	34	925
		" <760 mm.		30	32.6	925
		" <760 mm.		38	31.6	925
		" <760 mm.		42	26.8	925
2079a	C ₆ H ₁₂	1-Hexene		20	18.4	v-1 498m
		" 400 mm.		32.6	19.1	v-1 498m
		" 600 mm.		42.0	19.6	v-1 498m
		" 760 mm.	63.6	48.2	20.8	v-1 498m
2080	C ₆ H ₁₂	<i>cis</i> -3-Hexene	66.4	49.6	26 vol. %	826
2081	C ₆ H ₁₂	Hexenes	68	49.5	27 vol. %	1015
2082	C ₆ H ₁₂	Methylcyclopentane	72.0	51.3	32	567
2083	C ₆ H ₁₂ O	Butyl vinyl ether	94.2	62	52	982
2084	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.2		Nonazeotrope	v-1 383
2085	C ₆ H ₁₄	2,2-Dimethylbutane	49.74	39.6	17 vol. %	826
2086	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	45.0	20	567
		"	58.15	44.5	19.2	v-1 461c
2087	C ₆ H ₁₄	Hexane	68	50	26 vol. %	541,1015
		"		49.9	26.4	497
		"	68.95	49.5	26.4	478
		"	68.95	50.57	28	946
		" 210.3 mm.		20	22.9	v-1 850f
		" 267.5 mm.		25	23.5	v-1 850f
		" 336.7 mm.		30	24.2	v-1 850f
2088	C ₆ H ₁₄	2-Methylpentane	60.27	45.6	21 vol. %	826
2089	C ₆ H ₁₄	3-Methylpentane	63.28	47.1	20 vol. %	826
2090	C ₆ H ₁₄ O	<i>tert</i> -Amyl methyl ether	86-7	62.3	50	256
2091	C ₆ H ₁₄ O	Butyl ethyl ether	92.2	62.6	56	982
2091a	C ₆ H ₁₄ O	Isopropyl ether				
		730 mm.		57.0	24	v-1 684f
2092	C ₆ H ₁₄ O	Propyl ether	90.4	63.8	72	545
2093	C ₆ H ₁₄ O ₂	Acetal	103.55		Nonazeotrope	556
2094	C ₆ H ₁₄ O ₂	1,1-Dimethoxybutane	114		Nonazeotrope	981
2095	C ₆ H ₁₄ O ₂	2,2-Dimethoxybutane	106-7	64.5	81.5	594
2096	C ₆ H ₁₄ S	Isopropyl sulfide	120.5		Nonazeotrope	566
2097	C ₆ H ₁₅ N	Triethylamine	89.35		Nonazeotrope	575
		730 mm.			Nonazeotrope	v-1 684e

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	CH ₃ O	Methanol	64.7			
2098	C ₇ H ₈	Toluene	110.7	63.8	69	50
		"		0.5	71.6	537,814,834
		"		25	73.0	537,814,834
		"		50	74.0	537,814,834
		"		62.5	75.0	537,814,834
		"	110.6	63.5	72.5	662
		" 708 mm.		62.0	72.0	662
		" 613 mm.		58.0	71.6	662
		" 512 mm.		53.5	71.0	662
		" 412 mm.		48.0	70.0	662
		"	110.7	63.6	70.8	v-1 595
2098a	C ₇ H ₈ O	Anisole	154	Nonazeotrope	v-1	684g
2099	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethyl- cyclopentane	90.77	57.3	45 vol. %	826
		"	90.7		~45	928
2100	C ₇ H ₁₄	Methylcyclohexane	100.8	59.2	54	50,572
		" 127.5 mm.		20	45.1	v-1 850f
		" 209.8 mm.		30	46.0	v-1 850f
		" 334.3 mm.		40	46.8	v-1 850f
2101	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	59.1	51.5	572
		"	98.4	58.8	46.1	477
		" 406 mm.		43.83		1064
2102	C ₇ H ₁₆	2-Methylhexane	90.05	57.1	44 vol. %	826
		"	90.0		~40	928
2103	C ₇ H ₁₆	3-Methylhexane	91.8		~40	928
		"	91.85	57.6	44 vol. %	826
2104	C ₇ H ₁₆	2,2,3-Trimethylbutane	80.88	54.1	38 vol. %	826
2105	C ₈ H ₈	Styrene	145.8	64.2		545
2106	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		537
2107	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		537
2108	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		541
2109	C ₈ H ₁₀	<i>p</i> -Xylene	138.3	Nonazeotrope		540
		"	138.35	64.5	99.5	227
2110	C ₈ H ₁₄ O	2-Ethyl-2-hexenal	176	Nonazeotrope		981
2111	C ₈ H ₁₆	1,3-Dimethyl- cyclohexane	120.7	< 62.5		575
2112	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	61.0	60	575
2113	C ₈ H ₁₈	Octane	125.6	63.0	72	537
		"	125.75	62.75	67.5	477
		" 406 mm.		47.65		1064
2114	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	59.4	53	575
2115	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
2116	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		537
2117	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
2118	C ₉ H ₁₈ O	2,6-Dimethyl-4- heptanone	169.4	Nonazeotrope		981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	CH ₄ O	Methanol (<i>continued</i>)	64.7			
2119	C ₉ H ₂₀	Nonane, 406 mm.		48.93		1064
		"	150.7	64.1	83.4	477
2120	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		537
2121	C ₁₀ H ₁₆	Camphene	159.6	64.67?	98.8?	574
2122	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	64.63	99.2	572
2123	C ₁₀ H ₁₆	α -Pinene	155.8	64.55	90.7	528
2124	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		537
2125	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	< 64.6	> 3	575
2126	C ₁₀ H ₂₂	Decane 406 mm.		Nonazeotrope		1064
		"	171.8	Nonazeotrope		v-1 715
2127	C ₁₁ H ₂₄	Undecane 406 mm.		Nonazeotrope		1064
A =	CH ₄ S	Methanethiol	6.8			
2128	C ₂ H ₄ O ₂	Methyl formate	31.7	Nonazeotrope		575
2129	C ₂ H ₅ Cl	Chloroethane	12.4	Nonazeotrope		575
2130	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	< 6.4	> 82	575
2131	C ₄ H ₈	2-Methylpropene 95 p.s.i.a.		53	19.5	408
2132	C ₄ H ₁₀	Butane	0.6	— 0.5	25	575
2133	C ₄ H ₁₀	2-Methylpropane	—11.70	— 13.00	4.9	88
2134	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		575
A =	CH ₅ N	Methylamine	— 6.32			
2135	C ₂ H ₇ N	Dimethylamine	6.88	Nonazeotrope		818
2136	C ₃ H ₉ N	Trimethylamine				
		" 60 p.s.i.g.		36	85	818
		" 210 p.s.i.g.		75	90-92	818
		" 370 p.s.i.g.		Nonazeotrope		818
		"	3.5	— 5	70	20,21
		" 1040 mm.		0	68	v-1 353
2137	C ₄ H ₄	1-Butene-3-yne	5.0	— 6.8	97.5	v-1 84
2138	C ₄ H ₆	1,3-Butadiene	— 4.5	— 9.5	41.4	v-1 84
		"	— 4.5	— 10.4		215
		"			58	85
		" 5 atm.			74	85
		" 20 atm.			96	85
		" 4 kg./cm. ²			49.4	v-1 407
		"	— 4.6	— 9.2	41.3	v-1 305
2139	C ₄ H ₈	1-Butene 4 kg./cm. ²			62.5	v-1 407
		"	— 6.3	— 13.6	36.5	v-1 305
		"			50	85
		" 5 atm.			64	85
		" 20 atm.			74	85
		"	— 5.6	— 13	22.2	v-1 84
		"	— 6.0	— 13.8		215
2140	C ₄ H ₈	<i>cis</i> -2-Butene	3.5	— 9.6	47.5	v-1 84
		"	3.7	— 10.4	56.5	v-1 305

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A		Ref.
A =	CH ₅ N	Methylamine (<i>continued</i>)	— 6.32				
2141	C ₄ H ₈	trans-2-Butene	0.9	— 11.6	55.0	v-1	305
		"	0.9	— 10.4	48.5	v-1	84
2142	C ₄ H ₈	2-Methylpropene	— 6.0	— 14.3	32	v-1	84
		"	— 6.9	— 15.5	47.5		305
2143	C ₄ H ₁₀	Butane	— 0.5	— 16.0	43.7		305
		"	— 0.6	Min. b.p.			195
		Butane	1.0	— 14.0	37.6	v-1	84
2144	C ₄ H ₁₀	2-Methylpropane	—10.0	— 19.9	25.5	v-1	84
		"	—11.7	— 24.0	27.0		305
		% CH ₃ NH ₂ increases with pressure in above azeotropes					305,407
2145	C ₅ H ₈	Isoprene	34	Min. b.p.			818
2146	C ₅ H ₁₀	Amylenes		Min. b.p.			252
A =	C ₂ Br ₂ Cl ₂	1,2-Dibromo-1,2-dichloroethylene	172				
2147	C ₂ H ₆ O	Ethyl alcohol	78.3	Nonazeotrope			533
2148	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope			533
A =	C ₂ ClF ₅	Chloropentafluoroethane	— 38.5				
2149	C ₂ H ₄ F ₂	1,1-Difluoroethane	— 24.7	— 41.3	83.8		582
A =	C ₂ Cl ₂ F ₄	1,2-Dichlorotetrafluoroethane					
2150	C ₄ H ₁₀	Butane	— 0.5	— 2.2	59		279
A =	C ₂ Cl ₃ F ₃	1,1,2-Trichlorotrifluoroethane	47.5				
2151	C ₂ Cl ₄ F ₂	1,1,2,2-Tetrachlorodifluoroethane	92.4	Nonazeotrope			266,981
2152	C ₂ H ₆ O	Ethyl alcohol	78.3	43.8	96.2		982
		"	78.3	Nonazeotrope			46
2153	C ₃ H ₆ O	Acetone	56.5	45	87.5		232
A =	C ₂ Cl ₃ N	Trichloroacetonitrile					
2154	C ₂ H ₃ N	Acetonitrile	82	75.6	71		437
A =	C ₂ Cl ₄	Tetrachloroethylene	121.1				
2155	C ₂ HCl ₃ O	Chloral	97.5	Nonazeotrope			575
2156	C ₂ H ₃ Cl ₃	1,1,2-Trichloroethane	112.4	112	57		215
		"	113.65	112.9	26		581
2157	C ₂ H ₄ Cl ₂ O	2,2-Dichloroethanol	146.2	<119.5	<96		575
2158	C ₂ H ₄ O ₂	Acetic acid	118.5	107.35	61.5		563
2159	C ₂ H ₅ BrO	2-Bromoethanol	150.2	116.5	85		575
2160	C ₂ H ₅ ClO	2-Chloroethanol	128.6	110.0	75.7		568
2161	C ₂ H ₅ NO	Acetamide	221.2	120.45	97.4		574
2162	C ₂ H ₆ O	Ethyl alcohol	78.3	76.75	~37		574

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂Cl₄	Tetrachloroethylene	121.1			
		<i>(continued)</i>				
2163	C ₂ H ₆ O ₂	Glycol	197.4	119.1	94	574
2164	C ₃ H ₅ BrO	Epibromohydrin	138.5	<119.5	<92	575
2165	C ₃ H ₇ ClO	1-Chloro-2-propanone	119	118		563
2166	C ₃ H ₅ ClO	Epichlorohydrin	116.45	110.12	48.5	563
2167	C ₃ H ₇ ClO ₂	Methyl chloroacetate	129.95	120.8	94	575
2168	C ₃ H ₆ O	Acetone	56.1	Nonazeotrope	v-1	187
2169	C ₃ H ₆ O	Allyl alcohol	96.95	93.15	55	527,875
2170	C ₃ H ₆ O ₂	Propionic acid	140.9	119.1	91.5	527
2171	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	113.0	72	567
2172	C ₃ H ₇ ClO	2-Chloro-1-propanol	133.7	115.0	87	567
2173	C ₃ H ₇ NO	Propionamide	222.1	Nonazeotrope		527
2174	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	<120.8	<96	564
2175	C ₃ H ₇ NO ₃	Propyl nitrate	110.5	109.6	18	560
2176	C ₃ H ₈ O	Isopropyl alcohol	82.4	81.7	30	535
		" "	82.3	81.7	19	981
2177	C ₃ H ₈ O	Propyl alcohol	97.25	94.05	52	535
2178	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	109.7	75.5	569
2179	C ₄ H ₅ N	Pyrrrol	130.0	113.35	80.5	553
2180	C ₄ H ₈ O ₂	Butyric acid	164.0	121.0	98.8	527
		" "	162.45	Nonazeotrope		541
2181	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		527
2182	C ₄ H ₈ O ₂	Isobutyric acid	154.35	120.5	~97	541
2183	C ₄ H ₈ O ₃	Methyl lactate	143.8	120.0	90	575
2184	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	119.2	40	549
2185	C ₄ H ₉ NO ₃	Isobutyl nitrate	122.9	117.45	70	560
2186	C ₄ H ₁₀ O	Butyl alcohol	117.75	108.95	71	574
		" "	117.7	110	68	981
2187	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	97.0	43	567
2188	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	Nonazeotrope		575
2189	C ₄ H ₁₀ O	Isobutyl alcohol	108	103.05	60	563
2190	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	116.25	83.5	527
2191	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		527
2192	C ₅ H ₅ N	Pyridine	115.4	112.85	51.5	553
		" 126 mm.		60	59	v-1 292c
		" 270 mm.		80	58	v-1 292c
		" 527 mm.		100	56	v-1 292c
2193	C ₅ H ₆ O ₂	Furfuryl alcohol	169.35	Nonazeotrope		575
2194	C ₅ H ₈ O	Cyclopentanone	130.65	120.1	86	552
2195	C ₅ H ₉ N	Isovaleronitrile	130.5	113.5	72	562
2196	C ₅ H ₁₀ O	Cyclopentanol	140.85	118.8	92	567
2197	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		527
2198	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.0	118.55	74	547
2199	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	120.9	96	556
2200	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	119.25	48	549
2201	C ₅ H ₁₂ O	Amyl alcohol	138.2	117.0	85	567
2202	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	101.4	27	567
2203	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	116.2	81	527
2204	C ₅ H ₁₂ O	2-Pentanol	119.8	113.2	66	567

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂Cl₄	Tetrachloroethylene	121.1			
		<i>(continued)</i>				
2205	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	120.6	95	527
2206	C ₈ H ₁₀ O	Mesityl oxide	129.45	119.8	83.5	527
2207	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		566
2207a	C ₆ H ₁₂	1-Hexene	60	Nonazeotrope	v-l	362c
2208	C ₆ H ₁₂ O	3-Hexanone	123.3	118.15	55	552
2209	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	113.85	48	569
2210	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	120.1	79	527
		" "	125.0	120.5		547
2211	C ₆ H ₁₂ O ₂	Ethyl butyrate	119.9	119.5	57	547
2212	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		563
2213	C ₆ H ₁₂ O ₂	Isoamyl formate	123.6	117.9	65	547
2214	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	115.5	47	573
2215	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		575
2216	C ₆ H ₁₂ O ₂	Propyl propionate	122.5	120.0		547
2217	C ₆ H ₁₂ O ₃	Paraldehyde	124	118.75	68	563
2217a	C ₆ H ₁₄	Hexane	60°C.	Nonazeotrope	v-l	362c
2218	C ₈ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		526
2219	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	117.5	48	538
2220	C ₇ H ₈	Toluene	110.75	Nonazeotrope		538
2221	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		575
2222	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	Nonazeotrope		547
2223	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	119.0	45	547
2224	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		547
2225	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		575
2226	C ₈ H ₁₆	1,3-Dimethylcyclohexane	~120.5	118		563
2227	C ₈ H ₁₈	Octane	125.75	<120.5	<92	575
2228	C ₈ H ₁₈ O	Isobutyl ether	122.2	~119.5	~65	548
A =	C₂Cl₆	Hexachloroethane	185			
2229	C ₂ HCl ₃ O ₂	Trichloroacetic acid	196	181	85	563
2230	C ₂ H ₃ ClO ₂	Chloroacetic acid	189.35	171.2	75	529
2231	C ₂ H ₅ NO	Acetamide	221.2	Nonazeotrope		535
2232	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope		530
2233	C ₂ H ₆ SO ₄	Methyl sulfate	189.1	<181.5	<72	575
2234	C ₃ H ₇ NO	Propionamide	222.1	Nonazeotrope		535
2235	C ₄ H ₆ O ₄	Methyl oxalate	164.2	Nonazeotrope		547
2236	C ₄ H ₈ O ₂	Butyric acid	162.45	162.0		542
2237	C ₅ H ₆ O ₂	2-Furaldehyde	161.45	Nonazeotrope		556
2238	C ₅ H ₈ O ₄	Methyl malonate	181.4	176.0	45	538
2239	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	172.6	63	527
2240	C ₅ H ₁₀ O ₂	Valeric acid	186.35	179.0	70	562
2241	C ₆ H ₆ O	Phenol	182.2	173.7	70	574
2242	C ₆ H ₇ N	Aniline	184.35	176.75	66	551
2243	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	172.5	51	552
2244	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		575
2245	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	178.6	57	574
2246	C ₆ H ₁₀ O ₄	Methyl succinate	195.5	<184.0		547

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂Cl₆	Hexachloroethane	(continued) 185			
2247	C ₆ H ₁₂ O	Cyclohexanol	160.65	Nonazeotrope		531
2248	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		563
2249	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185	~183.5	~70	530
2250	C ₇ H ₈ O	Benzyl alcohol	205.15	182.0	88	529
2251	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	183.2	92	575
		"	202.2	Nonazeotrope		542
2252	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	181.3	72	538
2253	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	183.0	90	562
2254	C ₇ H ₁₂ O ₄	Ethyl malonate	199.2	Nonazeotrope		547
2255	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		547
2256	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		547
2257	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	Nonazeotrope		538
2258	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		575
2259	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	184.0	<80	547
2260	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
2261	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
2262	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		530
2263	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
2264	C ₁₀ H ₁₆	Terpinolene	~185	~182.5		563
2265	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		530
2266	C ₁₀ H ₁₆ O	Fenchone	193	Nonazeotrope		563
2267	C ₁₀ H ₁₈ O	Cineol	176.35	Nonazeotrope		548
2268	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		532
2269	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		547
A =	C₂F₆	Hexafluoroethane	— 78			
2270	C ₂ H ₆	Ethane	— 88	— 92	69	120
A =	C₂HBrClF₃	2-Bromo-2-chloro-1,1,1-trifluoroethane				
2271	C ₄ H ₁₀ O	Ethyl ether	34.6	52.7	83.2	355
A =	C₂HBrCl₂	<i>cis</i>-1-Bromo-1,2-dichloroethylene	113.8			
2272	C ₂ H ₆ O	Ethyl alcohol	78.3	77.4	30.9	988
A =	C₂HBrCl₂	<i>trans</i>-1-Bromo-1,2-dichloroethylene				
2273	C ₂ H ₆ O	Ethyl alcohol	78.3	74.9	65.5	988
A =	C₂HBrCl₂	1-Bromo-2,2-dichloroethylene	107-108			
2274	C ₂ H ₆ O	Ethyl alcohol	78.3	77.25	39.5	988
A =	C₂HBr₂Cl	1,2-Dibromochloroethylene	140			
2275	C ₂ H ₆ O	Ethyl alcohol	78.3	74.9	65.5	533
2276	C ₄ H ₁₀ O	Butyl alcohol	117.75	117.0		533
A =	C₅HBr₃O	Bromal	174			
2277	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	~170.3		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A = 2278	C_2HClF_2 C_3F_6	Chlorodifluoroethylene Hexafluoropropene 5170 mm.		20°	27.7 v-l	615
A = 2279	C_2HClF_4 C_4F_8	Tetrafluorochloroethane Octafluorocyclobutane " —20° to 80° " " " 30 kg./cm. ²	— 10 — 4	— 12 v.p. curve — 13 107	80 vol. % 60	49 748 748,922 922
A = 2280	C_2HCl_3 C_2H_3N	Trichloroethylene Acetonitrile 778 mm.	86.9 81.6			
2281	$C_2H_4Cl_2$	1,2-Dichloroethane " "	83.7 83.45 83.45	74.6 82.1 82.6 82.2	71 43.5 18 39	v-l 763,635c 801 549 581
2282	$C_2H_4O_2$	Acetic acid " "	117.9 118.5	Nonazeotrope 86.5	96.2	981 545
2283	C_2H_5BrO	2-Bromoethanol	150.2	Nonazeotrope		575
2284	C_2H_5ClO	2-Chloroethanol "	128.6 128.6	Nonazeotrope 86.55	97.5	564 527
2285	$C_2H_5NO_3$	Ethyl nitrate	87	83.5	62	527
2286	C_2H_5O	Ethyl alcohol	78.3	70.9	72.5	297,803,73c, 837
2287	$C_2H_6O_2$	Glycol	197.4	Nonazeotrope		575
2288	$C_3H_6Cl_2$	1,2-Dichloropropane	96.3	Nonazeotrope		981
2289	C_3H_6O	Acetone	56.15	Nonazeotrope		552
2290	C_3H_6O	Allyl alcohol	96.9	80.9	84.4	358,563
2291	$C_3H_6O_3$	Methyl carbonate	90.35	85.95	90	527
2292	C_3H_7ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		575
2293	C_3H_7ClO	2-Chloro-1-propanol	133.7	Nonazeotrope		575
2294	C_3H_7I	2-Iodopropane	89.45	< 86.5	< 88	575
2295	C_3H_8O	Isopropyl alcohol	82.45	75.5	70	573
2296	C_3H_8O	Propyl alcohol	97.2	81.75	83	563
2297	$C_3H_7BO_3$	Methyl borate	68.7	Nonazeotrope		575
2298	C_4H_4S	Thiophene	84	Nonazeotrope		563
2299	C_4H_8O	2-Butanone	79.6	Nonazeotrope		501,552
2300	$C_4H_8O_2$	Butyric acid	162.5	Nonazeotrope		678
2301	$C_4H_8O_2$	Dioxane	101.35	Nonazeotrope		527
2302	$C_4H_8O_2$	Ethyl acetate " " " 700-760 mm.	77.05	Nonazeotrope		782
2303	$C_4H_8O_2$	Methyl propionate	79.85	Nonazeotrope	v-l	547
2304	$C_4H_8O_2$	Propyl formate	80.85	79.5	20	547
2305	$C_4H_9NO_2$	Butyl nitrite	78.2	Nonazeotrope		550
2306	$C_4H_{10}O$	Butyl alcohol	117.75	86.65	97	527
2307	$C_4H_{10}O$	<i>sec</i> -Butyl alcohol	99.5	84.2	85	567
2308	$C_4H_{10}O$	<i>tert</i> -Butyl alcohol	82.55	75.8	~ 67	532
2309	$C_4H_{10}O$	Isobutyl alcohol	108	85.4	91	563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂HCl₃	Trichloroethylene	(continued)	86.9		
2310	C ₄ H ₁₀ S	Diethyl sulfide	701 mm.	89.5	Nonazeotrope	v-1 635
2311	C ₄ H ₁₀ S	2-Methyl-1-propanethiol		88	Nonazeotrope	563
2312	C ₅ H ₁₀ O	Isovaleraldehyde		92.1	Nonazeotrope	575
2313	C ₅ H ₁₀ O	3-Methyl-2-butanone		95.4	Nonazeotrope	552
2314	C ₅ H ₁₀ O	3-Pentanone		102.05	Nonazeotrope	552
2315	C ₅ H ₁₀ O ₂	Ethyl propionate		99.1	Nonazeotrope	575
2316	C ₅ H ₁₀ O ₂	Isobutyl formate		98.2	Nonazeotrope	547
2317	C ₅ H ₁₀ O ₂	Isopropyl acetate		89.5	Nonazeotrope	575
2318	C ₅ H ₁₀ O ₂	Methyl isobutyrate		92.5	Nonazeotrope	547
2319	C ₅ H ₁₁ NO ₂	Isoamyl nitrite		97.15	Nonazeotrope	550
2320	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol		102.25	86.67 92.5	545
2321	C ₅ H ₁₂ O	Isoamyl alcohol		131.3	Nonazeotrope	527
2322	C ₅ H ₁₂ O	3-Methyl-2-butanol		112.6	Nonazeotrope	575
2323	C ₅ H ₁₂ O	2-Pentanol		119.8	Nonazeotrope	575
2324	C ₅ H ₁₂ O	3-Pentanol		116.0	Nonazeotrope	575
2325	C ₅ H ₁₂ O ₂	Diethoxymethane		87.9	89.2 53.5	568
2326	C ₆ H ₆	Benzene		80.2	Nonazeotrope	563
		"		80.1	Nonazeotrope	v-1 780
2327	C ₆ H ₁₀	Cyclohexene		82.75	Azeotrope doubtful	563
2328	C ₆ H ₁₂	Cyclohexane		80.75	Nonazeotrope	563
		"		80.7	80.5 16.6	v-1 780
2328a	C ₆ H ₁₂	1-Hexene	60°C.		Nonazeotrope	v-1 362c
2329	C ₆ H ₁₂	Methylcyclopentane		72.0	Nonazeotrope	575
2330	C ₆ H ₁₄	Hexane	60°C.		Nonazeotrope	v-1 362c
		"		68.8	Nonazeotrope	575
2331	C ₆ H ₁₄ O	Isopropyl ether		68.3	Nonazeotrope	559
2332	C ₆ H ₁₄ O	Propyl ether	699 mm.	87.2	Nonazeotrope	v-1 635
2333	C ₆ H ₁₄ O ₂	Acetaldehyde diethyl acetal		103.55	Nonazeotrope	559
2334	C ₇ H ₁₄	Methylcyclohexane		101.15	Nonazeotrope	575
2335	C ₇ H ₁₆	Heptane		98.45	Nonazeotrope	563
A =	C₂HCl₃O	Chloral		97.75		
2336	C ₂ H ₄ Cl ₂	1,2-Dichloroethane		83.75	Nonazeotrope	532
2337	C ₂ H ₅ NO ₂	Nitroethane		114.2	Nonazeotrope	575
2338	C ₂ H ₆ O	Ethyl alcohol		78.3	116.2	563
2339	C ₃ H ₅ I	3-Iodopropene		101.8	~ 97.0 ~80	548
2340	C ₃ H ₆ O ₃	Methyl carbonate		90.35	~ 98.0 ~85	548
2341	C ₃ H ₇ I	1-Iodopropane		102.4	~ 97.3	563
2342	C ₃ H ₇ I	2-Iodopropane		89.45	Nonazeotrope	548
2343	C ₄ H ₈ O	2-Butanone		79.6	Nonazeotrope	563
2344	C ₄ H ₈ O ₂	Propyl formate		80.85	Nonazeotrope	548
2345	C ₄ H ₉ Br	1-Bromobutane		101.5	96.5	575
2346	C ₄ H ₉ Br	1-Bromo-2-methylpropane		91.4	Azeotrope doubtful	563
2347	C ₄ H ₉ Cl	1-Chlorobutane		78.5	Nonazeotrope	575
2348	C ₄ H ₉ I	1-Iodo-2-methylpropane		120.8	Nonazeotrope	575

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃HCl₃O	Chloral (continued)	97.75			
2349	C ₄ H ₁₀ O	Isobutyl alcohol	108	~138		563
2350	C ₅ H ₁₀ O	3-Pentanone	102.2	102.9	~23	563
2351	C ₅ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope		545
2352	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	100.8		545
2353	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	100.1	~60	528
2354	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	98.2	~85	548
2355	C ₅ H ₁₀ O	Methyl butyrate	102.65	103.3	45	545
2356	C ₅ H ₁₀ O	Methyl isobutyrate	92.3	98.2	~90	545
2357	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	102.55	50.5	528
2358	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		575
2359	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	< 97.0	< 85	548
2360	C ₆ H ₆	Benzene	80.2	Nonazeotrope		528
2361	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		545
2362	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575
2363	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		548
2364	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		575
2365	C ₇ H ₈	Toluene	110.75	Nonazeotrope		548
2366	C ₇ H ₁₄	Methylcyclohexane	100.95	94.45	57	572
2367	C ₇ H ₁₆	Heptane	98.45	93	53	545
2368	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
2369	C ₈ H ₁₈	2,5-Dimethylhexane	109.3	< 97.0	< 90	545
2370	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		583
A =	C₂HCl₃O₂	Trichloroacetic Acid	197.55			
2371	C ₂ HCl ₅	Pentachloroethane	161.95	161.8	3.5	574
2372	C ₂ H ₃ ClO ₂	Chloroacetic acid	189.35	Nonazeotrope		530
2373	C ₂ H ₄ O ₂	Methyl formate	31.9	Nonazeotrope		563
2374	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		563
2375	C ₆ H ₄ BrCl	<i>p</i> -Bromochlorobenzene	196.4	< 191.5	< 47	575
2376	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.35	174.0	~12	530
2377	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		535
2378	C ₆ H ₅ I	Iodobenzene	188.55	~181	~25	563
2379	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
2380	C ₆ H ₁₂ O ₂	Caproic acid	205.15	210.4?	45?	575
		"	204.5	Nonazeotrope		563
2381	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.45	180.0	~18	535
2382	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	~178.2	~14	530
2383	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		575
2384	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	< 196.8		575
2385	C ₇ H ₈ O	<i>m</i> -Cresol	202.8	Nonazeotrope		563
2386	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Nonazeotrope		563
2387	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Reacts		535
2388	C ₇ H ₈ O ₂	Guaiacol	205.05	Reacts		535
2389	C ₈ H ₈ O	Acetophenone	202.05	Nonazeotrope		530
2390	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		530
2391	C ₁₀ H ₁₄	Butylbenzene	183.1	181.3	20	562
2392	C ₁₀ H ₁₄	Cymene	176.7	176.0?		575
2393	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	171		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	$C_2HCl_3O_2$	Trichloroacetic Acid	197.55			
		(continued)				
2394	$C_{11}H_{20}O$	Terpineol methyl ether	216.2	Nonazeotrope		537
A =	C_2HCl_5	Pentachloroethane	162.0			
2395	$C_2H_3BrO_2$	Bromoacetic acid	205.1	Nonazeotrope		527
2396	$C_2H_3ClO_2$	Chloroacetic acid	189.35	158.65	90.1	530
2397	$C_2H_4O_2$	Acetic acid	118.5	Nonazeotrope		542
2398	C_2H_5ClO	2-Chloroethanol	128.6	Nonazeotrope		526
2399	C_2H_5NO	Acetamide	221.2	160.5	97	574
2400	$C_2H_6O_2$	Glycol	197.4	154.5	~85	528
2401	$C_2H_6SO_4$	Methyl sulfate	189.1	Nonazeotrope		547
2402	$C_3H_5BrO_2$	α -Bromopropionic acid	205.8	Nonazeotrope		575
2403	$C_3H_5Cl_2O$	1,3-Dichloro-2-propanol	175.1	159.7	77.5	529
2404	$C_3H_6O_2$	Propionic acid	140.7	Nonazeotrope		563
2405	C_3H_7NO	Propionamide	222.1	Nonazeotrope		527
2406	$C_3H_7NO_2$	Ethyl carbamate	185.25	159.8	91	527
2407	$C_4H_6O_4$	Methyl oxalate	163.3	157.55	68	563
2408	$C_4H_7BrO_2$	Ethyl bromoacetate	158.9	158.5	30	516
2409	$C_4H_7ClO_2$	Ethyl chloroacetate	143.55	Nonazeotrope		580
2410	$C_4H_8O_2$	Butyric acid	163.5	156.75	74	565
2411	$C_4H_9O_2$	Isobutyric acid	154.35	152.9	57	563
2412	$C_4H_9O_3$	Methyl lactate	143.8	Nonazeotrope		573
2413	$C_4H_{10}O_2$	2-Ethoxyethanol	135.3	Nonazeotrope		526
2414	$C_5H_4O_2$	2-Furaldehyde	161.4	156.75	60	556
		"	161.4	155.15	50	528
2415	$C_5H_9O_3$	Methyl acetoacetate	169.5	<159.4	>40	563
2416	$C_5H_8O_4$	Methyl malonate	181.5	Nonazeotrope		547
2417	$C_5H_9ClO_2$	Propyl chloroacetate	162.5	160.5	60	575
2418	$C_5H_{10}O_2$	Isovaleric acid	176.5	160.25	91	527
2419	$C_5H_{10}O_2$	Valeric acid	186.35	161.5	97.2	527
2420	$C_5H_{10}O_3$	Ethyl lactate	153.9	153.45	35	529
2421	$C_5H_{10}O_3$	2-Methoxyethyl acetate	144.6	Nonazeotrope		575
2422	$C_5H_{11}NO_3$	Isoamyl nitrate	~149.6	Nonazeotrope		541
2423	$C_5H_{12}O$	Isoamyl alcohol	131.3	Nonazeotrope		527
2424	$C_5H_{12}O_2$	2-Propoxyethanol	151.35	Nonazeotrope		526
2425	C_6H_5Br	Bromobenzene	156.1	Nonazeotrope		575
2426	C_6H_5ClO	<i>o</i> -Chlorophenol	176.8	Nonazeotrope		575
		"	175.5	160		563
2427	$C_6H_5NO_2$	Nitrobenzene	210.75	Nonazeotrope		554
2428	C_6H_6O	Phenol	181.5	160.85	90.5	563
2429	C_6H_7N	Aniline	184.35	Nonazeotrope		551
2430	$C_6H_{10}O$	Cyclohexanone	155.7	165.0	73	552
2431	$C_6H_{10}O_3$	Ethyl acetoacetate	180.4	Nonazeotrope		552
2432	$C_6H_{10}O_4$	Ethyl oxalate	185.65	Nonazeotrope		527
2433	$C_6H_{11}BrO_2$	Ethyl α -bromoisobutyrate	178	Nonazeotrope		532
2434	$C_6H_{11}ClO_2$	Isobutyl chloroacetate	174.5	Nonazeotrope		575
2435	$C_6H_{12}O$	Cyclohexanol	160.65	157.9	64	563
2436	$C_6H_{12}O_2$	Isocaproic acid	199.5	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C ₂ HCl ₅	Pentachloroethane (<i>continued</i>)		162.0		
2437	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		556
2438	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	Nonazeotrope		563
2439	C ₆ H ₁₄ O	Hexyl alcohol	157.95	155.75	54	538
2440	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		575
2441	C ₆ H ₁₄ O ₂	Pinacol	174.35	158.8	~84	529
2442	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		536
2443	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		575
2444	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	161.3	Nonazeotrope		563
2445	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		529
2446	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Nonazeotrope		563
2447	C ₇ H ₁₄ O	Heptaldehyde	155	Max. b.p.		262
2448	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	Nonazeotrope		575
2449	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	Nonazeotrope		575
2450	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		575
2451	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	Nonazeotrope		575
2452	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		575
2453	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
2454	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		575
2455	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75	Nonazeotrope		559
2456	C ₈ H ₈	Styrene	145.8	Nonazeotrope		575
2457	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		575
2458	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		559
2459	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		559
2460	C ₈ H ₁₀ O	Phenetole	170.35	Nonazeotrope		530
2461	C ₈ H ₁₄ O	Methyl heptenone	173.2	Nonazeotrope		552
2462	C ₈ H ₁₆ O	2-Octanone	174.1	Nonazeotrope		573
2463	C ₈ H ₁₆ O ₂	Ethyl caproate	167.8	Nonazeotrope		547
2464	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	Nonazeotrope		575
2465	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	158.7	50	563
2466	C ₈ H ₁₆ O ₂	Isobutyl butyrate	157	<156.5		547
2467	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		547
2468	C ₈ H ₁₈ O	<i>sec</i> -Octanol	179.0	Nonazeotrope		529
2469	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		575
2470	C ₈ H ₁₂	Cumene	152.8	Nonazeotrope		575
2471	C ₈ H ₁₂	Mesitylene	164.6	166.0	40	529
2472	C ₈ H ₁₂	Pseudocumene	168.2	>168.35	<22	575
		"	169	Nonazeotrope		563
2473	C ₈ H ₁₂ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
2474	C ₈ H ₁₆ O	2,6-Dimethyl-4-heptanone	168.0	169.0	35	552
2475	C ₈ H ₁₆ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		575
2476	C ₈ H ₁₆ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		538
2477	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
2478	C ₁₀ H ₁₆	Camphene	159.6	159.5	3	529
2479	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		575
2480	C ₁₀ H ₁₆	α -Pinene	155.8	155.6	11	529

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂HCl₅	Pentachloroethane (<i>continued</i>)	162.0			
2481	C ₁₀ H ₁₆	Nopinene	163.8	160.7	>62	562
		"	163.8	~166	~42	563
2482	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
2483	C ₁₀ H ₁₈	<i>m</i> -Menthene-8	170.8	Nonazeotrope		575
2484	C ₁₀ H ₁₈ O	Cineol	176.4	Nonazeotrope		528
2485	C ₁₀ H ₂₂	Decane	173.3	Nonazeotrope		575
2486	C ₁₀ H ₂₂ O	Isoamyl ether	173.5	Nonazeotrope		548
A =	C₂HF₃O₂	Trifluoroacetic Acid				
2486a	C ₄ F ₁₀	Perfluorobutane				
		crit. press.			v-1	1049c
A =	C₂H₂	Acetylene	— 84			
2487	C ₂ H ₄	Ethylene	—103.9	Min. b.p.		156
		"	—103.7		18	829
		" Crit. press.			19	829
		" —35°, 0°, 40°F.			v-1	387
2488	C ₂ H ₆	Ethane	— 88.3		39	829
		" Crit. press.			44	829
		" —35°, 0°, 40°F.			v-1	387
		"	— 88.3	— 94.5	40.75	499,646
2489	C ₃ H ₄	Propyne,				
		—50° to 35°C.		Nonazeotrope	v-1	103
A =	C₂H₂BrCl	<i>cis</i>-1-Bromo-2-chloroethylene	106.7			
2490	C ₂ H ₆ O	Ethyl alcohol	78.3	72.4	73.3	533
2491	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		575
2492	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		575
2493	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		575
A =	C₂H₂BrCl	<i>trans</i>-1-Bromo-2-chloroethylene	75.3			
2494	C ₂ H ₆ O	Ethyl alcohol	78.3	66.3	82	533
A =	C₂H₂BrI	<i>cis</i>-1-Bromo-2-iodoethylene	149.05			
2495	C ₂ H ₄ O ₂	Acetic acid	118.1	115.6	40.5	575
2496	C ₃ H ₆ O ₂	Propionic acid	141.3	135.3	65.2	575
2497	C ₄ H ₁₀ O	Butyl alcohol	117.8	117.3	32.4	575
2498	C ₈ H ₁₆ O ₂	Butyl Butyrate	165.8	141.5	55	575
A =	C₂H₂Br₂	<i>cis</i>-1,2-Dibromoethylene	112.5			
2499	C ₂ H ₆ O	Ethyl alcohol	78.3	77.7	32.5	563
A =	C₂H₂Br₂	<i>trans</i>-1,2-Dibromoethylene	108			
2500	C ₂ H ₆ O	Ethyl alcohol	78.3	75.6	64	563
A =	C₂H₂ClI	<i>cis</i>-1-Chloro-2-iodoethylene	116-117			
2501	C ₃ H ₈ O	Propyl alcohol	97.20	93.6	55.6	988
2502	C ₄ H ₁₀ O	Butyl alcohol	117.8	108.5	75	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C_2H_2Cl	<i>trans</i> -1-Chloro-2-iodoethylene	113-114			
2503	C_3H_8O	Propyl alcohol	97.20	87.5	96	988
A =	$C_2H_2Cl_2$	<i>cis</i> -1,2-Dichloroethylene	60.25			
2504	C_2H_6O	Ethyl alcohol	78.3	57.7	90.20	148
		"	78.3	Calculated	v-1	12
2505	C_3H_6O	Acetone	56.4	61.9	73	v-1 12
2506	$C_3H_6O_2$	Ethyl formate	54.0	Nonazeotrope	v-1	12
2507	$C_3H_6O_2$	Methyl acetate	57.2	61.7	73	v-1 12
2508	$C_3H_8O_2$	Methylal	42.6	Nonazeotrope	v-1	280
2509	C_4H_8O	2-Butanone	79.6	Nonazeotrope	v-1	12
2510	C_4H_8O	Tetrahydrofuran	66.1	69.8	44.5	v-1 280
		"	66	69.9	46.0	224
2511	C_6H_6	Benzene	80.15	Nonazeotrope		575
2512	$C_6H_{14}O$	Isopropyl ether	68.0	Nonazeotrope	v-1	280
A =	$C_2H_2Cl_2$	<i>trans</i> -1,2-Dichloroethylene	48.35			
2513	C_2H_6O	Ethyl alcohol	78.3	46.5	94.0	148
		"	78.3	Calculated	v-1	12
2514	C_3H_6O	Acetone	56.4	Nonazeotrope	v-1	12
2515	$C_3H_6O_2$	Ethyl formate	54.0	Nonazeotrope	v-1	12
2516	$C_3H_6O_2$	Methyl acetate	57.2	Nonazeotrope	v-1	12
2517	$C_3H_8O_2$	Methylal	42.6	48.6	79.3	v-1 280
2518	C_4H_8O	2-Butanone	79.6	Nonazeotrope	v-1	12
2519	C_4H_8O	Tetrahydrofuran	66.1	Nonazeotrope	v-1	280
2520	$C_6H_{14}O$	Isopropyl ether	68.0	Nonazeotrope	v-1	280
A =	$C_2H_2Cl_2O_2$	Dichloroacetic Acid	190			
2521	$C_2H_4O_2$	Methyl formate	31.9	Nonazeotrope		563
2522	$C_4H_{10}O$	Ethyl ether	34.6	Nonazeotrope		563
2523	$C_6H_5NO_2$	Nitrobenzene	210.75	Nonazeotrope		554
2524	C_6H_6O	Phenol	181.5	Nonazeotrope		563
2525	C_7H_7Br	<i>o</i> -Bromotoluene	181.75	175.5	25	563
2526	C_7H_8O	<i>m</i> -Cresol	202.2	Nonazeotrope		544
2527	C_7H_8O	<i>o</i> -Cresol	190.8	~189		563
2528	$C_7H_8O_2$	Guaiacol	205.05	Reacts		575
A =	$C_2H_2Cl_4$	1,1,2,2-Tetrachloroethane	146.25			
2529	$C_2H_3ClO_2$	Chloroacetic acid	189.35	Nonazeotrope		575
		"	189.35	146.25	98.2	530
2530	$C_2H_4Cl_2O$	2,2-Dichloroethanol	146.2	<144.0	52	575
2531	$C_2H_4O_2$	Acetic acid	118.5	Nonazeotrope		563
2532	C_2H_5BrO	2-Bromoethanol	150.2	141.5		575
2533	C_2H_5ClO	2-Chloroethanol	128.6	128.2	31	564
2534	C_2H_5IO	2-Iodoethanol	176.5	Nonazeotrope		575
2535	C_2H_5NO	Acetamide	221.2	Nonazeotrope		527
2536	$C_3H_6O_2$	Glycol	197.4	144.9	93	526
2537	$C_3H_5ClO_2$	Methyl chloroacetate	130.0	Nonazeotrope		532

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₂Cl₄	1,1,2,2-Tetrachloroethane	146.25			
		<i>(continued)</i>				
2538	C ₃ H ₈ Cl ₂ O	1,3-Dichloro-2-propanol	174.5	Nonazeotrope		563
2539	C ₃ H ₆ O ₂	Propionic acid	140.7	140.4	40	379,527
2540	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		575
2541	C ₃ H ₇ NO	Propionamide	222.1	Nonazeotrope		527
2542	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	Nonazeotrope		564
2543	C ₃ H ₈ O	Propyl alcohol	97.25	Nonazeotrope		574
2544	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	Nonazeotrope		526
2545	C ₄ H ₈ O ₄	Methyl oxalate	164.2	Nonazeotrope		547
2546	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.2	Nonazeotrope		532
2547	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.6	147.45	73	528
2548	C ₄ H ₈ O ₂	Butyric acid	162.45	145.65	96.2	527
2549	C ₄ H ₈ O ₂	Isobutyric acid	154.35	144.8	93	563
2550	C ₄ H ₈ O ₃	Methyl lactate	143.8	Nonazeotrope		572
2551	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		527
2552	C ₄ H ₁₀ O	Isobutyl alcohol	80°C.	Nonazeotrope	v-l	791c
		"	95°C.	Nonazeotrope	v-l	791c
		"	107	Nonazeotrope	v-l	296,791c
2553	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		556
2554	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	161.55	3	556
2555	C ₅ H ₈ O ₂	Furfuryl alcohol	169.35	Nonazeotrope		575
2556	C ₅ H ₈ O ₃	Methyl acetoacetate	169.5	Nonazeotrope		563
2557	C ₅ H ₉ ClO ₂	Propyl chloroacetate	162.5	Nonazeotrope		575
2558	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		527
2559	C ₅ H ₁₀ O ₃	Valeric acid	186.35	Nonazeotrope		527
2560	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.0	Nonazeotrope		547
2561	C ₅ H ₁₀ O ₃	Ethyl lactate	153.9	Nonazeotrope		573
2562	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	150.9	63	527
2563	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		572
2564	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	Nonazeotrope		560
2575	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	Nonazeotrope		527
		"	131.3	131.25	2	529
2566	C ₅ H ₁₂ O ₃	2-Propoxyethanol	151.35	Nonazeotrope		556
2567	C ₆ H ₆ Br	Bromobenzene	156.1	Nonazeotrope		575
2568	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	175.5	Nonazeotrope		563
2569	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
2570	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		563
2571	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		551
2572	C ₆ H ₁₀ O	Cyclohexanone	155.7	159.0	45	552
2573	C ₆ H ₁₀ O	Mesityl oxide	129.4	147.5	85	573
2574	C ₆ H ₁₀ S	Allyl sulfide	139.35	>148.5		556
2574a	C ₆ H ₁₂	1-Hexene	60°C.	Nonazeotrope	v-l	362c
2575	C ₆ H ₁₂ O	Cyclohexanol	160.7	Nonazeotrope		532
2576	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		575
2577	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	158.25	26	556
2577a	C ₆ H ₁₄	Hexane	60°C.	Nonazeotrope	v-l	362c
2578	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		575
2579	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		526

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_2H_2Cl_4$	1,1,2,2-Tetrachloroethane	146.25			
		<i>(continued)</i>				
2580	$C_6H_{14}S$	Propyl sulfide	141.5	>150.0	82	562
2581	C_7H_8	Toluene	110.75	Nonazeotrope		575
2582	C_7H_8O	Anisole	153.85	Nonazeotrope		572
2583	$C_7H_{14}O$	Heptaldehyde	155	Max. b.p.		262
2584	$C_7H_{14}O$	4-Heptanone	143.55	148.5		552
2585	$C_7H_{14}O_2$	Amyl acetate	148.8	153.1	40	562
2586	$C_7H_{14}O_2$	Butyl propionate	146.5	152.5	55	547
2587	$C_7H_{14}O_2$	Ethyl isovalerate	134.7	147.0		538
2588	$C_7H_{14}O_2$	Isoamyl acetate	142.1	150.1	68	530
		" "	138.8	Nonazeotrope		563
2589	$C_7H_{14}O_2$	Isobutyl propionate	136.9	>148.5	90	572
		" "	136.9	Nonazeotrope		563
2590	$C_7H_{14}O_2$	Methyl caproate	149.7	153	50	573
2591	$C_7H_{14}O_2$	Propyl butyrate	142.8	150.2	66	538
2592	$C_7H_{14}O_3$	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
2593	$C_7H_{16}O_3$	Ethyl orthoformate	145.75	151.5	61	568
2594	C_8H_8	Styrene	145.7	~143.5	~55	563
2595	C_8H_{10}	Ethylbenzene	136.15	Nonazeotrope		575
2596	C_8H_{10}	<i>m</i> -Xylene	139.2	Nonazeotrope		527
		" "	139.1		99.94	592
2597	C_8H_{10}	<i>o</i> -Xylene	144.4	147	70.2	592
		" "	144.3	Nonazeotrope		575
2598	C_8H_{16}	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
2599	$C_8H_{16}O_2$	Butyl butyrate	166.4	Nonazeotrope		546
2600	$C_8H_{16}O_2$	Isoamyl propionate	160.7	Nonazeotrope		575
2601	$C_8H_{16}O_2$	Isobutyl butyrate	156.8	158.0	~88	538
2602	$C_8H_{16}O_2$	Isobutyl isobutyrate	147.3	151.5	65	573
2603	$C_8H_{18}O$	Butyl ether	142.2	148.0	70	559
2604	C_9H_{12}	Cumene	152.8	Nonazeotrope		575
A =	$C_2H_2F_4$	1,1,2,2-Tetrafluoroethane	— 23			
2605	$C_2H_2F_4$	1,1,1,2-Tetrafluoroethane	— 26.1	— 29		182
A =	C_2H_3Br	Bromoethylene	15.8			
2606	$C_2H_4O_2$	Methyl formate	31.9	Nonazeotrope		563
2607	C_2H_5Cl	Chloroethane	13.3	Nonazeotrope		563
2608	$C_2H_7NO_2$	Ethyl nitrite	17.4	< 14.8	>64	550
2609	C_2H_5O	Ethyl alcohol	78.3	Nonazeotrope		542
2610	$C_3H_7NO_2$	Isopropyl nitrite	40.1	Nonazeotrope		550
2611	C_3H_6	Isoprene	34.3	Nonazeotrope		575
2612	C_3H_{10}	3-Methyl-1-butene	20.6	< 15.0	<78	575
2613	C_3H_{12}	2-Methylbutane	27.95	< 13.0	75	575
2614	C_4H_{12}	Pentane	36.15	Nonazeotrope		575
A =	$C_6H_3BrO_2$	Bromoacetic Acid	205.1			
2615	$C_6H_4Br_2$	<i>p</i> -Dibromobenzene	220.25	<201.5	>55	527
2616	$C_6H_4Cl_2$	<i>o</i> -Dichlorobenzene	179.5	177.0	16	575
2617	$C_6H_4Cl_2$	<i>p</i> -Dichlorobenzene	174.4	172.8	13	527

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₃BrO₂	Bromoacetic Acid (<i>continued</i>)	205.1			
2618	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		527
2619	C ₆ H ₄ I	Iodobenzene	188.45	<184.3	20	575
2620	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	202.25	63	554
2621	C ₆ H ₁₂ O ₂	Caproic acid	205.15	204.4		575
2622	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	181.2		527
2623	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	179.0	18	527
2624	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	<198.0	54	575
2625	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	Nonazeotrope		563
2626	C ₇ H ₈ O ₂	Guaiacol	205.05	203.7	40	527
			205.1	Nonazeotrope		563
2627	C ₇ H ₁₀ O ₂	Enanthic acid	222.0	Nonazeotrope		575
2628	C ₈ H ₈ O	Acetophenone	202.0	206.5	70	527
2629	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		527
2630	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		527
2631	C ₈ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		575
2632	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
2633	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
2634	C ₁₀ H ₈	Naphthalene	218.0	<201.3	>72	562
2635	C ₁₀ H ₁₄	Butylbenzene	183.1	179.5	25	562
2636	C ₁₀ H ₁₄	Cymene	176.7	174.7	15	562
2637	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		575
2638	C ₁₁ H ₂₀ O	Terpineol methyl ether	216	Reacts		563
2639	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	<199.0	<76	562
A =	C₂H₃Cl	Vinyl Chloride	— 13.4			
2639a	C ₂ H ₄	Ethylene crit. region			v-l	221c
2640	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.5	Nonazeotrope		981
		"	83.7	Nonazeotrope	v-l	951c
2641	C ₃ H ₆ O	Acetone	56.1	Nonazeotrope		981
2642	C ₄ H ₆	1,3-Butadiene	— 4.5	Nonazeotrope		215
		" —30° to —60°C.		v.p. curves		351c
2643	C ₄ H ₈	1-Butene	— 6	Nonazeotrope		215
A =	C₂H₃ClO₂	Chloroacetic Acid	189.35			
2644	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.65	Nonazeotrope		535
2645	C ₂ H ₄ O ₂	Methyl formate	31.9	Nonazeotrope		563
2646	C ₂ H ₆ SO ₄	Methyl sulfate	189.1	194.5?		575
2647	C ₃ H ₅ Cl ₃	1,2,3-Trichloropropane	156.85	154.5	10	574
2648	C ₃ H ₇ O	Propyl alcohol	97.2	Nonazeotrope		575
2649	C ₄ H ₆ O ₄	Methyl oxalate	164.45	Nonazeotrope		575
2650	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		563
2651	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		563
2652	C ₅ H ₁₀ O ₂	Valeric acid	186.35	186.33	3	527
2653	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	147.4		545
2654	C ₆ H ₅ Cl ₃	1,3,5-Trichlorobenzene	208.4	<185.0	<72	575
2655	C ₆ H ₄ BrCl	<i>p</i> -Bromochlorobenzene	196.4	<181.5	<58	575
2656	C ₆ H ₄ Br ₂	<i>p</i> -Dibromobenzene	220.25	186.3	74	535
2657	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	170.8	28	545

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_2H_3ClO_2$	Chloroacetic Acid (<i>continued</i>)	189.35			
2658	$C_6H_4Cl_2$	<i>p</i> -Dichlorobenzene	174.1	167.55	24.5	529
2659	C_6H_5Br	Bromobenzene	156.1	154.3	11	573
2660	C_6H_5Cl	Chlorobenzene	132.0	Nonazeotrope		573
2661	C_6H_5I	Iodobenzene	188.55	175.3	~35	563
2662	$C_6H_5NO_2$	Nitrobenzene	210.75	Nonazeotrope		554
2663	C_6H_5O	Phenol	181.5	Nonazeotrope		563
2664	$C_6H_8O_4$	Methyl fumarate	193.25	195.7	42	569
2665	$C_6H_8O_4$	Methyl maleate	204.05	Nonazeotrope		575
2666	$C_6H_{10}O_4$	Methyl succinate	195.5	197.0	28	562
2667	$C_8H_{10}O_4$	Ethyl oxalate	185.65	190.25	70	568
2668	$C_6H_{12}O_2$	Caproic acid	205.15	Nonazeotrope		575
2669	$C_7H_6Cl_2$	α,α -Dichlorotoluene	205.2	189.1	97	538
			205.1	Nonazeotrope		563
2670	C_7H_6O	Benzaldehyde	179.2	Azeotrope doubtful		563
2671	C_7H_7Br	α -Bromotoluene	198.5	~183	~82	563
2672	C_7H_7Br	<i>m</i> -Bromotoluene	183.8	174	30	527
2673	C_7H_7Br	<i>o</i> -Bromotoluene	181.75	172.95	32	563
2674	C_7H_7Br	<i>p</i> -Bromotoluene	185.0	174.1	34	574
2675	C_7H_7Cl	α -Chlorotoluene	179.3	173.8	25	530
2676	C_7H_7Cl	<i>o</i> -Chlorotoluene	159.3	156.8	12	545
2677	C_7H_7Cl	<i>p</i> -Chlorotoluene	162.4	159.3	14	545
2678	C_7H_7I	<i>p</i> -Iodotoluene	214.5	<184.8	<78	575
2679	C_7H_8O	<i>m</i> -Cresol	202.2	Nonazeotrope		575
2680	C_7H_8O	<i>o</i> -Cresol	191.1	187.5	~54	535
			191.8	Nonazeotrope		563
2681	C_7H_8O	<i>p</i> -Cresol	201.7	Nonazeotrope		544
2682	$C_7H_8O_2$	Guaiacol	205.05	Nonazeotrope		575
2683	$C_7H_{13}ClO_3$	Isoamyl chloroacetate	195	Nonazeotrope		563
2684	C_8H_8	Styrene	145.8	144.8	14	562
2685	$C_8H_8O_2$	Methyl benzoate	199.4	Nonazeotrope		575
2686	$C_8H_8O_2$	Phenyl acetate	195.7	Nonazeotrope		575
2687	C_8H_{10}	Ethylbenzene	136.15	Nonazeotrope		575
2688	C_8H_{10}	<i>o</i> -Xylene	144.3	143.5	12	562
2689	C_8H_{10}	<i>m</i> -Xylene	139.2	139.05	7	527
2690	C_8H_{10}	<i>p</i> -Xylene	138.45	138.35	4?	575
2691	$C_8H_{10}O$	Phenetole	171.5	Nonazeotrope		563
2692	$C_8H_{12}O_4$	Ethyl maleate	223.3	195.7	42	526
2693	$C_8H_{16}O_2$	Butyl butyrate	166.4	Nonazeotrope		575
2694	$C_8H_{16}O_2$	Ethyl caproate	167.7	Nonazeotrope		575
2695	$C_8H_{16}O_2$	Hexyl acetate	171.5	Nonazeotrope		575
2696	C_8H_{18}	Octane	125.75	Nonazeotrope		575
2697	C_9H_8	Indene	182.5	174.5		575
2698	C_9H_{12}	Cumene	152.8	150.8	21	562
2699	C_9H_{12}	Mesitylene	164.6	162	17	573
2700	C_9H_{12}	Propylbenzene	158.9	156.0		545
2701	C_9H_{12}	Pseudocumene	168.2	162.8	34	562

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₃ClO₂	Chloroacetic Acid (<i>continued</i>)	189.35			
2702	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		575
2703	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	185.5	48	562
2704	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		575
2705	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		575
2706	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	187.5	67	562
2707	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	192.5	40	562
2708	C ₁₀ H ₈	Naphthalene	218.05	187.1	78	530
			218.05	Nonazeotrope		528
2709	C ₁₀ H ₁₄	Butylbenzene	183.1	172.8	52	562
2710	C ₁₀ H ₁₄	Cymene	175.3	166	~35	563
		"	176.7	169.0	42	562
2711	C ₁₀ H ₁₆	Camphene	159.6	~154.7	~15	530
2712	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	167.8	34	563
2713	C ₁₀ H ₁₆	Nopinene	163.8	157.6	30	562
2714	C ₁₀ H ₁₆	α -Phellandrene	171.5	~163.5	~20	563
2715	C ₁₀ H ₁₆	α -Pinene	155.8	152.0		545
2716	C ₁₀ H ₁₆	α -Terpinene	173.4	166.0		575
2717	C ₁₀ H ₁₆	Terpinolene	185	~173	~47	563
2718	C ₁₀ H ₁₆	Terpinene	180.5	170	~38	563
		"	181.5	170		545
2719	C ₁₀ H ₁₈ O	Cineol	176.4	Nonazeotrope		556
2720	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	187.7	65	564
2721	C ₁₀ H ₂₂	Decane	173.3	165.2	42	564
2722	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	155.7	28	575
2723	C ₁₀ H ₂₂ O	Amyl ether	187.5	<184.3	<50	575
2724	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	171.95	16	556
		" "	172.6	Nonazeotrope		537
2725	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		575
2726	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.2	Reacts		563
2727	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	185.5	75	562
A =	C₂H₃Cl₃	1,1,1-Trichloroethane	74.1			
2728	C ₂ H ₃ Cl ₃	1,1,2-Trichloroethane	113.5	Nonazeotrope	v-1	58,240
2729	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7	Nonazeotrope	v-1	58
2730	C ₂ H ₄ Cl ₂	1,1-Dichloroethane	57.4	Nonazeotrope		266
2730a	C ₆ H ₁₂	1-Hexene	68	Nonazeotrope	v-1	362c
2730b	C ₆ H ₁₄	Hexane 581 mm.		60	28.9	v-1 362c
A =	C₂H₃Cl₃	1,1,2-Trichloroethane	113.5			
2731	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7	Nonazeotrope	v-1	58
2732	C ₂ H ₄ O ₂	Acetic acid	118.1	106.0	70	562
2733	C ₂ H ₅ NO	Acetamide	221.2	Nonazeotrope		535
2734	C ₂ H ₆ O	Ethyl alcohol	78.3	77.8	30	532
2735	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope		575
2736	C ₃ H ₆ O	Acetone	56.1	Nonazeotrope	v-1	969
2737	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		575
2738	C ₄ H ₈ O ₂	Butyric acid	164.0	Nonazeotrope		575
2739	C ₄ H ₈ O ₂	Dioxane	101	Max. b.p.		262

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	$C_2H_3Cl_3$	1,1,2-Trichloroethane	113.5			
		<i>(continued)</i>				
2740	$C_4H_{10}O$	Isobutyl alcohol	108.0	<103.8	>62	575
2741	C_5H_5N	Pyridine	115	Max. b.p.		262
2742	$C_5H_{10}O_2$	Propyl acetate	101.6	Nonazeotrope		575
2742a	C_6H_{12}	1-Hexene 60°C.		Nonazeotrope	v-1	362c
2743	$C_6H_{12}O_2$	Ethyl butyrate	121	Max. b.p.		262
2744	$C_6H_{12}O_2$	Ethyl isobutyrate	110.1	Nonazeotrope		547
2744a	C_6H_{14}	Hexane 60°C.		Nonazeotrope	v-1	362c
2745	C_7H_{14}	Methylcyclohexane	101.15	Nonazeotrope		575
A =	$C_2H_3Cl_3O$	Methyl Trichloromethyl Ether	131.2			
2746	$C_3H_8O_2$	2-Methoxyethanol	124.5	123.0	75?	575
2747	C_4H_5N	Pyrrrol	130.0	<127.5		575
2748	C_5H_8O	Cyclopentanone	130.65	<130.2		575
2749	$C_6H_{12}O$	2-Hexanone	127.2	Nonazeotrope		575
2750	$C_6H_{14}S$	Isopropyl sulfide	120.5	Nonazeotrope		575
2751	C_8H_{10}	Ethylbenzene	136.15	Nonazeotrope		575
A =	$C_2H_3Cl_3O$	2,2,2-Trichloroethanol				
2752	$C_4H_{11}PO_3$	Diethylphosphite 3mm.		60	49.5	24
A =	$C_2H_3Cl_3O_2$	Chloral Hydrate	97.5			
2753	$C_2H_5O_2$	Ethyl acetate	77.05	Nonazeotrope		563
2754	$C_5H_{10}O_2$	Propyl acetate	101.55	~ 96.5		563
2755	C_6H_5Cl	Chlorobenzene	131.8	Nonazeotrope		563
2756	C_6H_{12}	Cyclohexane	80.75	76	~22	563
A =	$C_2H_3F_3O$	2,2,2-Trifluoroethanol				
2757	C_2H_5O	Ethyl alcohol	78.3	81.75	57.65	669
A =	C_2H_3N	Acetonitrile	81.6			
2758	$C_2H_4Cl_2$	1,2-Dichloroethane	83.15	~ 79.1	49	v-1 765
2758a	$C_2H_4O_2$	Acetic acid	118.1	Nonazeotrope		v-1 635e
2759	C_2H_5I	Iodoethane	72.3	< 64.2		565
2760	C_2H_5O	Ethyl alcohol	78.3	72.5	44	563
2761	C_3H_3N	Acrylonitrile	77.3	Nonazeotrope		v-1 768,63
		"	77.3	ideal		v-1 997c
		" 200-760 mm.		Nonazeotrope		v-1 905f
2762	C_3H_6O	Acetone	56.4	Nonazeotrope		v-1 763,94
		" 30°-60°C.		ideal		v-1 989c
2763	$C_3H_6O_2$	Methyl acetate	56.95	Nonazeotrope		565
2764	C_3H_7Br	1-Bromopropane	71.0	63.0	22	565
2765	C_3H_7NO	<i>N, N</i> -Dimethylformamide		Nonazeotrope		981
		" 100-500 mm.	153	Nonazeotrope		981
2766	C_3H_8	Propane, 280 p.s.i.a.		55	2.2	437
2767	C_3H_7O	Isopropyl alcohol	82.5	74.5	52	527
2768	C_3H_7O	Propyl alcohol	97.2	81.2	~72	563
2769	C_3H_7SiCl	Chlorotrimethylsilane	57.5	56	7.4	841,843
		"	57.9	56.5	7.33	v-1 484
2769a	$C_4H_8O_2$	Dioxane	101.3	Nonazeotrope		v-1 635e

No.	B-Component		B.P., °C	Azeotropic Data		
	Formula	Name		B.P., °C	Wt. % A	Ref.
A =	C ₂ H ₅ N	Acetonitrile (<i>continued</i>)	81.6			
2770	C ₄ H ₈ O ₂	Ethyl acetate	77.1	74.8	23	527
		"		76.1	18.6	v-1 635e
2771	C ₄ H ₈ O ₂	Methyl propionate	79.85	76.2	30	565
2772	C ₄ H ₈ O ₂	Propyl formate	80.85	76.5	33	565
2773	C ₄ H ₉ Br	1-Bromobutane	101.5	< 79.0		565
2774	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	< 74.5		565
2775	C ₄ H ₉ Cl	1-Chlorobutane	78.5	67.2	33	565
2776	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	62.0	20	565
2777	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	< 77.0		575
2778	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		575
2779	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		565
2779a	C ₆ F ₁₁ IO	Heptafluoroisopropyl 2-iodo-tetrafluoroethyl ether	86	69.5	60	21c
2779b	C ₅ H ₅ N	Pyridine	115.3	Nonazeotrope		v-1 635e
2780	C ₅ H ₈	Isoprene	39.1	33.7	2.4	v-1 716,742
2780a	C ₅ H ₈	Piperylene 30°-40°C.		Nonazeotrope		v-1 347c
2781	C ₅ H ₁₀	Cyclopentane	49.3	< 44.5	< 14	565
2782	C ₅ H ₁₀	β-Isoamylene		35.5	8.2	742
2783	C ₅ H ₁₀	γ-Isoamylene		29.7	5.4	742
2784	C ₅ H ₁₀	2-Methyl-2-butene	38.5	36.1	8.4	v-1 716
2785	C ₅ H ₁₀	1-Pentene	30.0	28.7	5.0	v-1 716
2786	C ₅ H ₁₀	2-Pentene (mixed isomers)	37	34.2		v-1 716
2787	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		565
2788	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	79.5	60	565
2789	C ₅ H ₁₀ O ₂	Propyl acetate	101.55	Nonazeotrope		565
2790	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		565
2791	C ₅ H ₁₂	2-Methylbutane	27.9	27.4		v-1 716
		"		25.3	6.4	742
2792	C ₅ H ₁₂	Pentane 24 p.s.i.g.	65	58	13	981
		"	36		10	437
		60°-120°C.				v-1 1049e
2793	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		565
2794	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		565
2794a	C ₆ H ₆ Cl	Chlorobenzene	131	Nonazeotrope		v-1 635c
2795	C ₆ H ₆	Benzene	80.1	73	34	62,569,763
		" 278 mm.		45	30.7	v-1 91
		"	80.1	73.7	31.8	v-1 635c,62
2796	C ₆ H ₇ N	2-Picoline	129	Nonazeotrope		v-1 713
2797	C ₆ H ₁₂	Cyclohexane	80.8	62.2	33 vol. %	62,565
2798	C ₆ H ₁₂	Methylcyclopentane	72.0	< 60.5		565
2799	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	48	13	527
2800	C ₆ H ₁₄	Hexane	68.8	56.8	25 vol. %	62,437,565
2800a	C ₆ H ₁₅ N	Triethylamine	89.4	70.9	37	v-1 635e
2801	C ₇ H ₈	Toluene	110.7	81.1	78 vol. %	62,565
		"	110.7	81.4	80	v-1 635c
2802	C ₇ H ₁₄	Methylcyclohexane	100.8	71.1	51 vol. %	62
2803	C ₇ H ₁₆	Heptane	98.4	69.4	44 vol. %	62,437,565
		"	98.4	69.55		1066

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C_2H_5N	Acetonitrile (<i>continued</i>)	81.6			
2804	C_8H_{10}	Ethylbenzene	136.2	Nonazeotrope		62
2805	C_8H_{10}	Mixed xylenes	138-144	Nonazeotrope		62
2805a	C_8H_{12}	1,3- <i>trans</i> -6- <i>cis</i> -Octatriene	132	81	95	269c
2805b	C_8H_{12}	1,3,7-Octatriene	125	80.5	90.5	269c
2805c	C_8H_{12}	4-Vinylcyclohexene	127	79	89	269c
2806	C_8H_{16}	1-Octene	121.6	78.0	60 vol. %	62
2807	C_8H_{16}	2-Octene	125.2	78.0	62 vol. %	62
2808	C_8H_{18}	2,5-Dimethylhexane	109.4	< 75.5		565
2809	C_8H_{18}	2-Methyl-3-ethylpentane	114	65	55	437
2810	C_8H_{18}	Octane	125.6	77.2	64 vol. %	62
		"	125.75	76.7		1066
2811	C_8H_{18}	2,2,4-Trimethylpentane	99.2	68.9	38 vol. %	62
2812	C_9H_{20}	Nonane	150.7	79.82		1066
2813	C_9H_{20}	2,2,5-Trimethylhexane	120.1	76.1	58 vol. %	62
2814	$C_{10}H_{20}$	1-Decene	172.0	81.6	95 vol. %	62
2815	$C_{10}H_{22}$	Decane	173.3	81.45		1066
2816	$C_{11}H_{24}$	Undecane	195.4	Nonazeotrope		1066
A =	C_2H_5NO	Hydroxyacetonitrile				
2817	$C_4H_{11}PO_3$	Diethylphosphite	1.5 mm.	66	38.3	24
A =	C_2H_5NO	Methylisocyanate	37.9			
2817a	$C_2H_4Cl_2$	1,2-Dichloroethane	83.7	Nonazeotrope	v-1	996i
2817b	C_6H_5Cl	Chlorobenzene	132	Nonazeotrope	v-1	996i
2817c	C_7H_8	Toluene	109.9	Nonazeotrope	v-1	45c
2817d	C_7H_{16}	Heptane	98.4	Nonazeotrope	v-1	931c
A =	C_2H_3NS	Methyl Thiocyanate	132.5			
2818	$C_4H_8Cl_2O$	1,2-Dichloroethyl ethyl ether	145.5	Nonazeotrope		575
A =	C_2H_4	Ethylene	-103.9			
2819	C_2H_6	Ethane	- 88.3	Nonazeotrope		156
		" -35°, 0°, 40°F.	- 88.3		v-1	333
		" 0°, -40°, -100°F.		Nonazeotrope	v-1	362
A =	C_2H_4BrCl	1-Bromo-2-chloroethane	106.7			
2820	$C_2H_4O_2$	Acetic acid	118.5	~ 102	~ 87	563
2821	C_2H_6O	Ethyl alcohol	78.3	~ 76.5	~ 50	563
2822	$C_2H_6O_2$	Glycol	197.4	Nonazeotrope		575
2823	C_3H_5ClO	Epichlorohydrin	116.45	103.5	83	563
2824	$C_3H_6O_2$	Propionic acid	141.3	Nonazeotrope		575
2825	$C_4H_{10}O$	Isobutyl alcohol	108	100		563
2826	$C_5H_{10}O$	2-Pentanone	102.25	Nonazeotrope		563
2827	$C_5H_{10}O$	3-Pentanone	102.2	Nonazeotrope		563
2828	$C_6H_{12}O_2$	Ethyl isobutyrate	110.1	Nonazeotrope		563
2829	$C_6H_{12}O_2$	Methyl isovalerate	116.3	Nonazeotrope		563
2830	$C_6H_{14}O_2$	Acetal	103.55	108.5	65	559
2831	C_7H_{14}	Methylcyclohexane	101.15	< 100.8	> 8	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	$C_2H_4Br_2$	1,1-Dibromoethane	109.5			
2832	$C_2H_4O_2$	Acetic acid	118.1	103.7	75	562
2833	C_2H_5ClO	2-Chloroethanol	128.6	108.5	?	575
2834	C_2H_5NO	Acetamide	221.15	Nonazeotrope		575
2835	C_2H_6O	Ethyl alcohol	78.3	77	46	563
2836	$C_2H_6O_2$	Glycol	197.4	Nonazeotrope		575
2837	$C_3H_6O_2$	Propionic acid	141.3	Nonazeotrope		575
2838	$C_3H_7NO_3$	Propyl nitrate	110.5	<109.2	>58	560
2839	C_3H_8O	Isopropyl alcohol	82.4	< 82.0		575
2840	C_3H_8O	Propyl alcohol	97.2	< 94.0	>57	567
2841	C_4H_5N	Pyrrol	130.0	Nonazeotrope		553
2842	$C_4H_8O_2$	Butyric acid	164.0	Nonazeotrope		575
2843	$C_4H_{10}O$	Butyl alcohol	117.8	104.5	80	567
2844	$C_4H_{10}O$	Isobutyl alcohol	108	101		563
2845	$C_5H_{10}O$	3-Pentanone	102.05	Nonazeotrope		552
2846	$C_5H_{10}O_2$	Methyl butyrate	102.75	Nonazeotrope		563
2847	$C_5H_{10}O_2$	Propyl acetate	101.6	Nonazeotrope		547
2848	$C_5H_{11}NO_2$	Isoamyl nitrite	97.15	Nonazeotrope		550
2849	$C_5H_{12}O$	<i>tert</i> -Amyl alcohol	102.35	<101.3	>45	575
2850	$C_5H_{12}O$	Isoamyl alcohol	131.9	Nonazeotrope		575
2851	$C_6H_{12}O$	4-Methyl-2-pentanone	116.05	Nonazeotrope		552
2852	$C_6H_{12}O_2$	Methyl isovalerate	116.3	Nonazeotrope		563
2853	$C_6H_{14}O_2$	Acetal	103.55	Nonazeotrope		559
2854	C_7H_8	Toluene	110.75	Nonazeotrope		575
2855	C_7H_{16}	Heptane	98.4	Nonazeotrope		575
2856	$C_8H_{18}O$	Isobutyl ether	122.3	Nonazeotrope		559
A =	$C_2H_4Br_2$	1,2-Dibromoethane	131.5			
2857	$C_2H_4Cl_2$	1,2-Dichloroethane	83.7	Nonazeotrope		563
2858	$C_2H_4O_2$	Acetic acid	118.5	114.35	45	563
2859	C_2H_5BrO	2-Bromoethanol	150.2	130.5	90	575
2860	C_2H_5ClO	2-Chloroethanol	128.6	122.3	66.5	526
2861	C_2H_5NO	Acetamide	221.2	Nonazeotrope		527
2862	C_2H_6O	Ethyl alcohol	78.3	Nonazeotrope		574
2863	$C_2H_6O_2$	Glycol	197.4	130.85	96.5	574
2864	C_3H_5BrO	Epibromohydrin	138.5	<128.8	<80	575
2865	$C_3H_5ClO_2$	Methyl chloroacetate	129.95	127.7	56	572
2866	$C_3H_6Br_2$	1,2-Dibromopropane	141	134	50	563
2867	C_3H_6O	Allyl alcohol	96.85	< 96.7		575
		“ “	96.95	Nonazeotrope		532
2868	$C_3H_6O_2$	Propionic acid	140.7	127.75	82.5	563
2869	C_3H_7ClO	1-Chloro-2-propanol	127.0	<124.8	>38	575
2870	C_3H_7ClO	2-Chloro-1-propanol	133.7	128.0	67	566
2871	C_3H_7NO	Propionamide	222.1	Nonazeotrope		535
2872	$C_3H_7NO_2$	Ethyl carbamate	185.25	Nonazeotrope		527
2873	$C_3H_7NO_2$	1-Nitropropane				
			613 mm.	75	73	511
			133 mm.	120	72	511

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₄Br₂	1,2-Dibromoethane	131.5			
		<i>(continued)</i>				
2874	C ₃ H ₈ O	Isopropyl alcohol	82.4	Nonazeotrope		532
2875	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		573
2876	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	120.55	63.5	527
2877	C ₄ H ₅ N	Pyrrrol	130.0	126.5	67	553
2878	C ₂ H ₅ ClO ₂	Ethyl chloroacetate	143.6	Nonazeotrope		532
2879	C ₄ H ₈ O ₂	Butyric acid	162.45	131.1	96.5	527
2880	C ₄ H ₈ O ₂	Isobutyric acid	154.35	130.5	93.5	541
2881	C ₄ H ₈ O ₃	Methyl lactate	143.8	130.0	82	567
2882	C ₄ H ₉ I	1-Iodobutane	130.4	129.0	65	562
2883	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.4	Nonazeotrope		
				B.p. curve		389
2884	C ₄ H ₁₀ O	Butyl alcohol	117.75	114.75	56	574
2885	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		575
2886	C ₄ H ₁₀ O	Isobutyl alcohol	108	105	38	573,834
2887	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	127.75	77	556
2888	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		527
2889	C ₅ H ₅ N	Pyridine	115.5	Nonazeotrope		548
2890	C ₅ H ₇ N	Valeronitrile	141.3	<129.5	<83	575
2891	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		527
2892	C ₅ H ₁₀ O ₃	Ethyl carbonate	125.9	Nonazeotrope		552
2893	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		556
2894	C ₅ H ₁₀ O	Amyl alcohol	138.2	<127.3	<78	567
2895	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		575
2896	C ₅ H ₁₂ O	Isoamyl alcohol	131.8	124.15	69.5	527,834
2897	C ₅ H ₁₂ O	2-Pentanol	119.8	<119.0	<47	567
2898	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		556
2899	C ₆ H ₅ Br	Bromobenzene	152	Nonazeotrope		389
2900	C ₆ H ₅ Cl	Chlorobenzene				
		"	128 mm.	75	61.6	v-1 511
		"	311 mm.	100	63.3	v-1 511
		"	131.75	130.05	59	527
2901	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
2902	C ₆ H ₆	Benzene	80.2	Nonazeotrope		563
2903	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		575
2904	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		575
2905	C ₆ H ₁₀	Cyclohexene	82.75	Nonazeotrope		563
2906	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		527
2907	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		563
2908	C ₆ H ₁₂ O ₂	Butyl acetate	124.8	Nonazeotrope		527
2909	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		547
2910	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	123.7	~12	531
2911	C ₆ H ₁₂ O ₂	Propyl propionate	122.5	Nonazeotrope		547
2912	C ₆ H ₁₂ O ₃	Paraldehyde	124	Nonazeotrope		563
2913	C ₆ H ₁₄	Hexane	68.95	Nonazeotrope		563
2914	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		575
2915	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		526
2916	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₄Br₂	1,2-Dibromoethane	(continued) 131.5			
2917	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		552
2918	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		573
2919	C ₇ H ₁₄ O ₂	Isoamyl acetate	137.5	Nonazeotrope		388
2920	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	Nonazeotrope		563
2921	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		575
2922	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		527
2923	C ₈ H ₈	Styrene	60 mm. 68	Nonazeotrope		53
2924	C ₈ H ₁₀	Ethylbenzene	60 mm. 136.15	131.1	90	563
			60.5	57	87	53
2925	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		315,527
2926	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	131.0	94	315
		"	138.45	Nonazeotrope		575
		"	138.25	131.3	~97	563
2927	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
2928	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		575
2929	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		559
2930	C ₉ H ₁₂	Mesitylene	164	Nonazeotrope		563
2931	C ₁₀ H ₁₄	Cymene	175.3	Nonazeotrope		563
A =	C₂H₄Cl₂	1,1-Dichloroethane	57.3			
2932	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7		v-1	435
2933	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.5	<54?	<80	563
2934	C ₂ H ₆ O	Ethyl alcohol	78.3	54.6	88.5	573
2935	C ₃ H ₆ O	Acetone	56.15	57.55	70	552
2936	C ₃ H ₆ O	Allyl alcohol	96.85	Nonazeotrope		527
2937	C ₃ H ₆ O	Propionaldehyde	50	Nonazeotrope		262
2938	C ₃ H ₆ O ₂	Ethyl formate	54.15	Nonazeotrope		563
2939	C ₃ H ₆ O ₂	Methyl acetate	57	~ 56		262,563
2940	C ₃ H ₇ Br	2-Bromopropane	59.4	Nonazeotrope		575
2941	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		550
2942	C ₃ H ₈ O	Isopropyl alcohol	82.45	56.6	~92	573
2943	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		573
2944	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		559
2945	C ₃ H ₉ BO ₃	Methyl borate	65	Nonazeotrope		563
2946	C ₃ H ₉ SiCl	Chlorotrimethylsilane	57.7	56.4		844
2947	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		552
2948	C ₄ H ₈ O	Isobutylene oxide	50	Max. b.p.		262
2949	C ₄ H ₈ O	Isobutyraldehyde	63	Nonazeotrope		262
2950	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		550
2951	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	57.1	~94	532
2952	C ₄ H ₁₁ N	Diethylamine	56	52	~45	563
2053	C ₅ H ₁₀	Cyclopentane	49.3	Nonazeotrope		575
2054	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	Nonazeotrope		548
2955	C ₆ H ₁₀	Biallyl	60.2	56.5	~77	563
2956	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575
2957	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	< 56.0	< 58	562

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₄Cl₂	1,1-Dichloroethane (<i>continued</i>)	57.3			
2958	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		538
2959	C ₆ H ₁₄ O	Isopropyl ether	68	Nonazeotrope		262
A	C₂H₄Cl₂	1,2-Dichloroethane	83.45			
2960	C ₂ H ₄ O	Ethylene oxide	10.75	Nonazeotrope		559
2961	C ₂ H ₄ O ₂	Acetic acid	118.1	Nonazeotrope	v-1	722
2962	C ₂ H ₅ ClO	2-Chloroethanol	128.6	Nonazeotrope		564
2963	C ₂ H ₅ NO ₂	Ethyl nitrate	87.68	Nonazeotrope		527
2964	C ₂ H ₆ O	Ethyl alcohol	78.3	70.5	63	572
		" 550-800 mm.				v-1 168c
2965	C ₃ H ₆ Cl ₂	1,2-Dichloropropane	96.3	Nonazeotrope		981
2966	C ₃ H ₆ O	Acetone	56.25	Nonazeotrope	v-1	282,552, 832
2967	C ₃ H ₈ O	Allyl alcohol	96.9	80.9	85.5	358,532, 875
2968	C ₃ H ₈ O ₃	Methyl carbonate	90.35	Nonazeotrope		572
2969	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		575
2970	C ₃ H ₈ O	Isopropyl alcohol	82.45	74.7	56.5	572
		" "	82.3	72.7	60.8	981
2971	C ₃ H ₈ O	<i>n</i> -Propyl alcohol	97.2	80.65	~81	572
2972	C ₃ H ₇ BO ₃	Methyl borate	68.7	Nonazeotrope		547
2973	C ₄ H ₄ S	Thiophene	84	83.5		563
2974	C ₄ H ₈ O ₂	Allyl formate	80.0	83.55		575
2975	C ₄ H ₈ O ₂	Methacrylic acid	160.5	Nonazeotrope	v-1	301
2976	C ₄ H ₈ Cl ₂ O	Bis(2-chloro ethyl)- ether	179.2	Nonazeotrope		981
		" 100 mm.				v-1 427c
		" 760 mm.	178	Nonazeotrope	v-1	427c
2977	C ₄ H ₈ O	2-Butanone	80	Max. b.p.		262
			79.6	Nonazeotrope		527
2978	C ₄ H ₈ O ₂	Butyric acid	162	Nonazeotrope		678
2979	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		527
2980	C ₄ H ₈ O ₂	Ethyl acetate	77	Nonazeotrope		572
2981	C ₄ H ₈ O ₂	Propyl formate	80.8	84.05	~90	572
2982	C ₄ H ₉ ClO	2-Chloroethyl ethyl ether	98.5	Nonazeotrope		575
2983	C ₄ H ₉ NO ₂	Butyl nitrite	77.8	Nonazeotrope		547
2984	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		527,574
		" 723 mm.				v-1 930h
2985	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	< 82.2	88	575
2986	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	< 76.5	< 78	575
2987	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		559
2988	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	83.45	93.5	574
2989	C ₄ H ₁₀ S	2-Methyl-1-propanethiol	88	Nonazeotrope		568
2990	C ₅ H ₁₀ O	Isovaleraldehyde	92.1	Nonazeotrope		575
2991	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		552
2991a	C ₅ H ₁₀ O	2-Methyl-3-buten-2-ol	97	82.7	93.5	581c
2992	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	Nonazeotrope		547
2993	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		550
2994	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₄Cl₂	1,2-Dichloroethane (<i>continued</i>)	83.45			
2995	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		575
2996	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.6	Nonazeotrope		575
2997	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		575
2998	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	88.95	22	527
2999	C ₆ H ₆	Benzene	80.2	Nonazeotrope		465,734
		"	80.1	80.1	15 vol. %	692
3000	C ₆ H ₁₀	Cyclohexene	82.75	Azeotrope doubtful		563
3001	C ₆ H ₁₂	Cyclohexane		74.4	49.6 v-1	276,282, 563,734
		"	80.75	74.7	38 vol. %	692
3002	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575
3003	C ₆ H ₁₄	Hexane	68.95	Nonazeotrope		563
3004	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		559
3005	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		573
3006	C ₇ H ₈	Toluene, 25°C.		Nonazeotrope	v-1	282,429, 563
		"	110.7	Nonazeotrope	v-1	11
		" 200 mm.	69.5	Nonazeotrope	v-1	236
3007	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		575
3008	C ₇ H ₁₆	2-4-Dimethylpentane	80.8	73.7	35 vol. %	692
3009	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	81	75.8	269
		"	98.45	Nonazeotrope		527
3010	C ₈ H ₁₈	2-5-Dimethylhexane	109.4	Nonazeotrope		575
A =	C₂H₄Cl₂O	Bis(chloromethyl) Ether	105.5			
3011	C ₃ H ₆ Cl ₂	2,2-Dichloropropane	70.4	Nonazeotrope		575
3012	C ₃ H ₇ Cl	1-Chloropropane	46.4	Nonazeotrope		555
3013	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	Nonazeotrope		575
3014	C ₄ H ₅ N	Pyrrol	130.0	Nonazeotrope		572
3015	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		566
3016	C ₅ H ₇ N	1-Methylpyrrol	112.8	<104.8		566
3017	C ₆ H ₁₄ O	Propyl ether	90.1	89.0	10	575
3018	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		575
3019	C ₇ H ₈	Toluene	110.75	Nonazeotrope		566
3020	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		575
A =	C₂H₄Cl₂O	2,2-Dichloroethanol	146.2			
3021	C ₃ H ₆ Br ₂	1,3-Dibromopropane	166.9	Nonazeotrope		575
3022	C ₃ H ₇ I	1-Iodopropane	102.4	Nonazeotrope		575
3023	C ₄ H ₉ Br	1-Bromobutane	101.5	Nonazeotrope		575
3024	C ₄ H ₉ I	1-Iodobutane	130.4	128.0	15	565
3025	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	<120.5		575
3026	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		575
3027	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	138.5	50	567
3028	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	Nonazeotrope		575
3029	C ₆ H ₅ Br	Bromobenzene	156.1	142.5	70	567
3030	C ₆ H ₅ Cl	Chlorobenzene	131.75	130.0	20	567
3031	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
3032	C ₇ H ₈ O	Anisole	153.85	145.5		575

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₄Cl₂O	2,2-Dichloroethanol	146.2			
		(continued)				
3033	C ₈ H ₈	Styrene	145.8	<140.0		575
3034	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	<136.0	>32	575
3035	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	139.0	50	567
3036	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		575
3037	C ₈ H ₁₈ O	Butyl ether	142.4	136.0	45	567
3038	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
3039	C ₉ H ₁₂	Cumene	152.8	142.0	65	567
3040	C ₉ H ₁₂	Mesitylene	164.6	<145.0		575
3041	C ₉ H ₁₂	Propylbenzene	159.3	143.5	75	575
3042	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
3043	C ₁₀ H ₁₆	Camphene	159.6	139.0	75	567
3044	C ₁₀ H ₁₆	Dipentene	177.7	143.0	80	567
3045	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	<145.5	>85	575
A =	C₂H₄O	Acetaldehyde	20.4			
3046	C ₂ H ₄ O	Ethylene oxide	10.4	Nonazeotrope	v-1	217
3047	C ₂ H ₄ O ₂	Methyl formate	31.9	Nonazeotrope		537
3048	C ₂ H ₅ Br	Bromoethane	38.4	Nonazeotrope		563
3049	C ₂ H ₅ Cl	Chloroethane	14.0	< 9	<32	563
		"	12.3	11	9.5	266
3050	C ₂ H ₆ O	Ethyl alcohol	78.3	Nonazeotrope		563
3051	C ₃ H ₆ O	Acetone	56.15	Nonazeotrope		552
3052	C ₃ H ₆ O	Propylene oxide,				
		35 p.s.i.g.	73	Nonazeotrope		981
3052a	C ₃ H ₆ O ₂	Methyl acetate	47	Nonazeotrope	v-1	985c
3053	C ₃ H ₇ Cl	2-Chloropropane	34.9	Nonazeotrope		575
3054	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.0	Nonazeotrope		548
3055	C ₄ H ₆	1,3-Butadiene	— 4.5	5.0	5.2	v-1 111
3056	C ₄ H ₆ O ₂	Vinyl acetate	72.5	Nonazeotrope		266
3057	C ₄ H ₈ O	Ethyl vinyl ether	35.5	Nonazeotrope		981
3058	C ₄ H ₁₀	Butane	— 0.5	— 7	16	981
3059	C ₄ H ₁₀ O	Ethyl ether	34.5	18.9	76.5	707
3060	C ₅ H ₄ O ₂	Furfuraldehyde	161.7	Nonazeotrope	v-1	722
3061	C ₅ H ₁₂	2-Methylbutane	27.95	~ 17		563
3062	C ₅ H ₁₂	Pentane	36.15	Azeotrope doubtful		563
3063	C ₆ H ₆	Benzene	80.1	Nonazeotrope	v-1	722
3064	C ₆ H ₁₂ O ₃	Paraldehyde	124	Nonazeotrope		563
3065	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		981
3066	C ₇ H ₈	Toluene	110.8	Nonazeotrope	v-1	722
A =	C₂H₄O	Ethylene Oxide	10.75			
3067	C ₂ H ₄ O ₂	Methyl formate	31.7	Nonazeotrope		575
3068	C ₃ H ₆ O	Propylene oxide	34.1	Nonazeotrope		575
3069	C ₄ H ₆	1,3-Butadiene	— 5.3	Nonazeotrope		215
3070	C ₄ H ₈	1-Butene	— 6.5	— 7		215,292
3071	C ₄ H ₈	<i>cis</i> -2-Butene	3.6	Min. b.p.		292
3072	C ₄ H ₈	<i>trans</i> -2-Butene	0.9	Min. b.p.		292
3073	C ₄ H ₈	2-Methylpropene	— 7.5	Min. b.p.		292

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₄O	Ethylene Oxide (<i>continued</i>)	107.5			
3074	C ₄ H ₁₀	<i>n</i> -Butane	0.6	< 0.0	> 5	292,558
		"	— 0.5	— 6.2	22	980
		"	— 0.5	— 6.5	22	981
3075	C ₄ H ₁₀	2-Methylpropane	— 12.2	Min. b.p.		292
3076	C ₅ H ₁₀	2-Methyl-1-butene	32.0	Min. b.p.		292
3077	C ₅ H ₁₀	3-Methyl-1-butene	21.2	Min. b.p.		292
3078	C ₅ H ₁₀	2-Methyl-2-butene	37.7	Min. b.p.		292
3079	C ₅ H ₁₀	1-Pentene	30.2	Min. b.p.		292
3080	C ₅ H ₁₀	2-Pentene	35.8	Min. b.p.		11
3081	C ₅ H ₁₂	2-Methylbutane	27.9	Min. b.p.		292
			27.95	Nonazeotrope		558
3082	C ₅ H ₁₂	Pentane	36.2	Min. b.p.		292
A =	C₆H₆OS	Thioacetic Acid	89.5			
3083	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
3084	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
3085	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575
A =	C₂H₄O₂	Acetic Acid	118.5			
3086	C ₂ H ₅ I	Iodoethane	72.3	Nonazeotrope		572
3087	C ₂ H ₅ NO	Acetamide	222.0	Nonazeotrope	v-1	722
3088	C ₂ H ₅ NO ₂	Nitroethane	114.2	112.4	30	554
3089	C ₂ H ₅ NO ₃	Ethyl nitrate	87.7	Nonazeotrope		527
3090	C ₂ H ₆ O	Ethyl alcohol	78.3	Nonazeotrope	v-1	525,811
3091	C ₂ H ₆ S	Methyl sulfide	37.4	Nonazeotrope		566
3092	C ₃ H ₅ Br	3-Bromopropene	70.5	Nonazeotrope		575
3093	C ₃ H ₅ BrO	Epibromohydrin	138.5	Nonazeotrope		556
3094	C ₃ H ₅ ClO	Epichlorohydrin	116.4	115.05	34.5	556
3095	C ₃ H ₅ ClO ₂	Methyl chloroacetate	129.95	Nonazeotrope		575
3096	C ₃ H ₅ Cl ₃	1,2,3-Trichloropropane	156.85	Nonazeotrope		541
3097	C ₃ H ₅ I	3-Iodopropene	101.8	97.2	15	562
3098	C ₃ H ₅ Br ₂	1,2-Dibromopropane	140.5	116.0	70	555
3099	C ₃ H ₅ Br ₂	1,3-Dibromopropane	166.9	Nonazeotrope		575
3100	C ₃ H ₅ Cl ₂	2,2-Dichloropropane	70.4	Nonazeotrope		575
3101	C ₃ H ₆ O	Acetone	56.1	Nonazeotrope	v-1	722
3101a	C ₃ H ₆ O ₂	Methyl acetate	57.1	Nonazeotrope	v-1	36e
3102	C ₃ H ₆ O ₂	Propionic acid	140.7	Ideal system	v-1	26,154
3103	C ₃ H ₆ O ₃	Methyl carbonate	90.35	Nonazeotrope		575
3104	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		575
3105	C ₃ H ₇ Br	2-Bromopropane	59.4	Nonazeotrope		527
3106	C ₃ H ₇ I	1-Iodopropane	102.4	99.2	20	541
3107	C ₃ H ₇ I	2-Iodopropane	89.2	88.3	9	545
3108	C ₃ H ₇ NO ₃	Propyl nitrate	110.5	107.5	23	560
3109	C ₃ H ₈ O	Propyl alcohol	97.25	Nonazeotrope	v-1	525,811
3110	C ₃ H ₉ N	Trimethyl- amine	37 mm. 3.5	80-81 148-150	20 80	563 360

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₄O₂	Acetic Acid (<i>continued</i>)	118.5			
3111	C ₄ H ₆ O	Crotonaldehyde	102.2	Nonazeotrope		575
3112	C ₄ H ₆ O ₂	Biacetyl	88.0	Nonazeotrope	v-l	722
3113	C ₄ H ₈ O ₂	Vinyl acetate	72.6	Nonazeotrope	v-l	127
3114	C ₄ H ₆ O ₃	Acetic anhydride	92°C.			
		"	139.6	Nonazeotrope	v-l	428
		" 100 mm.		Nonazeotrope	v-l	428
3115	C ₄ H ₈ O ₃	Methyl pyruvate	137.5	Nonazeotrope		552
3116	C ₄ H ₈ Cl ₂ O	1,2-Dichloroethyl ethyl ether	145.5	Nonazeotrope		575
3117	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		552
		"	79.6	Nonazeotrope	v-l	331
3118	C ₄ H ₈ O ₂	Butyric acid	163.5	Nonazeotrope	v-l	26
		"	163.5	Vapor pressure data		563
3119	C ₄ H ₈ O ₂	Dioxane	101.35	119.5	77	556
		"		119.4	79.5	486
3120	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope	v-l	331
3121	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		575
3122	C ₄ H ₈ S	Tetrahydrothiophene	118.8	<113.5	< 4.7	568
3123	C ₄ H ₉ Br	1-Bromobutane	100.35	97.6	18	541
3124	C ₄ H ₉ Br	2-Bromobutane	91.2	89.0	13	562
3125	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.3	90.2	12	541
		"	91.6	Nonazeotrope		563
3126	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	73.2?	2?	575
3127	C ₄ H ₉ Cl	1-Chlorobutane	78.05	Nonazeotrope		541
3128	C ₄ H ₉ Cl	2-Chlorobutane	68.25	Nonazeotrope		575
3129	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		575
3130	C ₄ H ₉ I	1-Iodobutane	130.4	112.4	47	562
3131	C ₄ H ₉ I	2-Iodobutane	120.0	110.7	30	562
3132	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.4	109.5	37	541
3133	C ₄ H ₉ NO	<i>N,N</i> -Dimethylacetamide	165	170.8	21.1	832
3134	C ₄ H ₉ NO ₃	Isobutyl nitrate	123.5	114.2	50	560
3135	C ₄ H ₁₀ O	Butyl alcohol	117.1	120.3	43	525,811
3136	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		563
3137	C ₄ H ₁₀ S	Ethyl sulfide	92.1	91.5	10	566
3138	C ₅ H ₄ O ₂	Furfuraldehyde	161.45	Nonazeotrope	v-l	722
		"	161.7	Nonazeotrope	v-l	971
3139	C ₅ H ₅ N	Pyridine	115	138.36	51.1	307
		"	115.5	138.1	51.1	1071
		" Crit. press.	345	348	20.2	945
		"	115.5	139-141	53	360
3140	C ₅ H ₈ O	Cyclopentanone	130.65	Nonazeotrope		552
3140a	C ₆ H ₈ O ₄	Methylene diacetate	92°C.			
		"			v-l	954c
3141	C ₅ H ₁₀	Cyclopentane	49.3	Nonazeotrope		575
3142	C ₅ H ₁₀ O	Isovaleraldehyde	92.1	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₄O₂	Acetic Acid (<i>continued</i>)	118.5			
3143	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		552
3144	C ₅ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope		575
3145	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		575
3146	C ₅ H ₁₀ O ₂	Isobutyl formate	98.3	Nonazeotrope		563
3147	C ₅ H ₁₀ O ₂	Isopropyl acetate	88.7	Nonazeotrope		981
3148	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		575
3149	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		575
3150	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope	v-l	722
3151	C ₅ H ₁₀ O ₂	Valeric acid	187	Nonazeotrope	v-l	26
3152	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		526
3153	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	108.65	38	568
3154	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	97.2	18.5	541
3155	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	117.65	80	541
3156	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		504
3156a	C ₅ H ₁₂ O	Isoamyl alcohol				
		20 mm.		54.5	18.5	v-l 496c
		"	132	133	16	v-l 496c
3157	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		575
3158	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	Nonazeotrope		575
3159	C ₆ H ₅ Br	Bromobenzene	156.1	118.35	95	541
			156.15	Nonazeotrope		563
3160	C ₆ H ₅ Cl	Chlorobenzene	131.8	114.65	58.5	563
3161	C ₆ H ₅ F	Fluorobenzene	84.9	Nonazeotrope		575
3162	C ₆ H ₅ NO ₂	Nitrobenzene	210.85	Nonazeotrope		563
3163	C ₆ H ₆	Benzene	80.2	80.05	2	575
		"	80.2	Nonazeotrope		834
		"	288 mm.			v-l 997
		"	99 mm.	26.1		v-l 997
		"	20°C.	Nonazeotrope		v-l 1018
		"		79.6	1.7	v-l 370c
		"	80.1			v-l 659f
3164	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		563
3165	C ₆ H ₇ N	2-Picoline	129	145	49	360
		"	129	144.12	40.4	1067
3166	C ₆ H ₇ N	3-Picoline	144	152.5	30.4	} 174,175,810
		212 mm.		114.5	35.0	
3167	C ₆ H ₇ N	4-Picoline	145.3	154.3	30.3	
		212 mm.		116.5	36.1	
3168	C ₆ H ₈	1,3-Cyclohexadiene	80.4	80.0	2	575
3169	C ₆ H ₈	1,4-Cyclohexadiene	85.6	84.0	6	562
3170	C ₆ H ₁₀	Cyclohexene	82.75	81.8	6.5	541
3171	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		552
3172	C ₆ H ₁₀ S	Allyl sulfide	139	116.55	78.5	527
3173	C ₆ H ₁₂	Cyclohexane	80.75	79.7	2	563
		"		78.8	9.6	v-l 40b
3174	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575
3175	C ₆ H ₁₂ O	4-Methyl-2-pentanone	115.80	Nonazeotrope	v-l	722

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_2H_4O_2$	Acetic Acid (<i>continued</i>)	118.5			
3176	$C_6H_{12}O$	Pinacolone	106.2	Nonazeotrope		552
3177	$C_6H_{12}O_2$	Butyl acetate	125	Nonazeotrope	v-1	722
3178	$C_6H_{12}O_2$	Ethyl butyrate	121.5	Nonazeotrope		575
3179	$C_6H_{12}O_2$	Ethyl isobutyrate	110.1	Nonazeotrope		541
3180	$C_6H_{12}O_2$	Isoamyl formate	123.8	Nonazeotrope		575
3181	$C_6H_{12}O_2$	Propyl propionate	123.0	Nonazeotrope		575
3182	$C_6H_{13}Br$	1-Bromohexane	156.5	117.5	92	575
3183	C_6H_{14}	2,3-Dimethylbutane	58.0	Nonazeotrope		575
3184	C_6H_{14}	Hexane	68.8	67.5?	5	575
		"	68.7	68.35	5.7	v-1 331
		"	68.7	Nonazeotrope		981
		"	68.60	68.25	6.0	504,507
3185	$C_6H_{14}O$	Isopropyl ether	68.3	Nonazeotrope		981
3186	$C_6H_{14}O$	Propyl ether	90.55	Nonazeotrope		537
3187	$C_6H_{14}O_2$	Acetal	104.5	Azeotrope doubtful		563
3188	$C_6H_{14}S$	Isopropyl sulfide	120	111.5	48	555
3189	$C_6H_{14}S$	Propyl sulfide	141.5	116.9	83	566
3190	$C_6H_{15}N$	Triethylamine	89	163	67	v-1 989
		"		162	81.3	360
		" 40 mm.		91-92		360
		"		162	65.3	v-1 394
		" 380 mm.		142	65.3	v-1 394
		" 190 mm.		120	65.3	v-1 394
		" 95 mm.		102	65.3	v-1 394
		" 47.5 mm.		85	65.3	v-1 394
3191	C_7H_7Cl	α -Chlorotoluene	179.3	Nonazeotrope		575
3192	C_7H_7Cl	<i>o</i> -Chlorotoluene	159.3	Nonazeotrope		541
3193	C_7H_7Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		575
3194	C_7H_8	Toluene	110.8	100.6	28.1	v-1 722,725, 884
		"	110.6	104.6	34.9	v-1 370
		" 288 mm.				v-1 997
		" 50 mm.	36.4	34	21.8	v-1 997
		" 600 mm.		96.4	32.6	v-1 672c
		" 760 mm.	110.7	104.8	34.4	v-1 672c
3195	C_7H_8O	Anisole	153.85	Nonazeotrope		556
3196	C_7H_9N	2,6-Lutidine, 212 mm.		110-111	34.4	174,175,810
		"	144	148	27.8	174,175,810
		"	143.41	147.28	24	v-1 1056
		"	144	148.1	22.9	1062
				162.3	19.5	1068
3197	$C_7H_{12}O$	Methylcyclohexanone	165.0	Nonazeotrope	v-1	722
3198	C_7H_{14}	Methylcyclohexane	101.1	963	31	541,571
3199	$C_7H_{14}O$	2-Heptanone	149	Nonazeotrope	v-1	722
3200	$C_7H_{14}O_2$	Amyl acetate	149	Nonazeotrope		725
3201	$C_7H_{14}O_2$	Ethyl isovalerate	134.7	Nonazeotrope		575

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₄O₂	Acetic Acid	(continued)	118.5		
3202	C ₇ H ₁₄ O ₂	Isoamyl acetate				
		"	20 mm.	52.3	Nonazeotrope	v-1 496e
		"		142.2	Nonazeotrope	v-1 496e,722
	C ₇ H ₁₄ O ₂	"		142.1	Nonazeotrope	v-1 722
3203	C ₇ H ₁₄ O ₂	Propyl isobutyrate		133.9	Nonazeotrope	543
3204	C ₇ H ₁₆	<i>n</i> -Heptane		98.4	95	17 571,725
		"		98.25	91.72	33 504,507, 1052,1071
		"	41.2 mm.		20	22 v-1 1018
3205	C ₈ H ₈	Styrene		145.2	116.8	85.7 369
		"	90.1 mm.		60	88.3 369
		"	50 mm.		46.3	91 369
		"		145.8	116.0	83 545
3206	C ₈ H ₁₀	Ethylbenzene	60 mm.	60.5	48	75 53
		"		136.15	114.65	66 563
3207	C ₈ H ₁₀	<i>m</i> -Xylene		139.0	115.35	72.5 527,834
3208	C ₈ H ₁₀	<i>o</i> -Xylene		143.6	116.0	76 541
		"		143.6	116.6	78 1070
		"	27 mm.	51.5	33.6	76 v-1 997
3209	C ₈ H ₁₀	<i>p</i> -Xylene		138.4	115.25	72 307
		"		138.4	115.25	72 542
3210	C ₈ H ₁₀	Xylene		138.8	115.2	70.9 v-1 722
3211	C ₈ H ₁₀ O	Benzyl methyl ether		167.8	Nonazeotrope	575
3212	C ₈ H ₁₁ N	Dimethylaniline		194.05	Nonazeotrope	563
3213	C ₈ H ₁₄ O ₂	Cyclohexyl acetate		177.0	Nonazeotrope	v-1 722
3214	C ₈ H ₁₄ O ₄	<i>meso</i> -2,3-butanediol diacetate,				
		150-760 mm.	190-193	Nonazeotrope	v-1	731
3215	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	109.0	45	575
3216	C ₈ H ₁₆	Ethylcyclohexane	131.8	107.9		1020
3217	C ₈ H ₁₆ O ₂	Methyl isoamyl acetate		Nonazeotrope	v-1	722
3218	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	100.0	35	545,571
3219	C ₈ H ₁₈	<i>n</i> -Octane	125.5	105.1	52.5	v-1 541,725, 850
		"	125.75	105.7	53.7	v-1 507, 1052,1057
3220	C ₈ H ₁₈ O	Butyl ether	141	Nonazeotrope		537
3221	C ₈ H ₁₈ O	Isobutyl ether	122.3	113.5?	48?	575
3222	C ₈ H ₁₉ NO	α -Diethylaminobutane- γ -ol	7 mm.		83.5	43.6 974
3223	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		553
3224	C ₉ H ₁₂	Cumene	152.3	116.8		30,1021
		"	152.8	116	84	215
3225	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
3226	C ₉ H ₁₂	Propylbenzene	158.9	Nonazeotrope		542
3227	C ₉ H ₁₈	Nonanaphthene	136.7	109.6		1020
3228	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	164	Nonazeotrope	v-1	722

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	$C_2H_4O_2$	Acetic Acid (<i>continued</i>)	118.5			
3229	C_9H_{20}	2-Methyloctane	135.2	108.8		1020
3230	C_9H_{20}	Nonane	150.7	112.6		1021
		"	150.2	112.8	69	504,507,1052
		"	150.2	113.25	69.6	946
		"	150.8	112.9	69.0	307
3231	$C_{10}H_{14}$	Cymene	176.7	Nonazeotrope		575
3232	$C_{10}H_{16}$	Camphene	159.6	118.2	97	541
		" 100 mm.		60.6	90	v-1 830
3233	$C_{10}H_{16}$	α -Pinene	155.8	117.2	83	541
3234	$C_{10}H_{16}$	α -Terpinene	173.4	Nonazeotrope		575
3235	$C_{10}H_{16}O$	Fenchone	193.0	Nonazeotrope		v-1 722
3236	$C_{10}H_{22}$	2,7-Dimethyloctane	160.1	117.0	94	562
		"	160.25	Nonazeotrope		563
3237	$C_{10}H_{22}$	Decane	173.3	116.75	79.5	504,507, 1052
		"	173.3	117.2	79	946
		"		116.10	87	v-1 1056
3238	$C_{11}H_{24}$	Undecane	194.5	117.72	95	504,507 1052
		"	194.5	117.17	78	946
3239	$C_{12}H_{20}O_2$	Isobornyl acetate	225.8	Ideal system		v-1 830
3240	$C_{12}H_{26}$	Dodecane	216	Nonazeotrope		504
A =	$C_2H_4O_2$	Methyl Formate	31.7			
3241	C_2H_4S	Ethylene sulfide	55.7	Nonazeotrope		566
3242	C_2H_5Br	Bromoethane	38.4	29.85	>66	555
		"		29.9	16.5	497
3243	C_2H_5Cl	Chloroethane	13.3	Nonazeotrope		563
3244	C_2H_5ClO	Chloromethyl methyl ether	59.5	Nonazeotrope		563
3245	$C_2H_5NO_2$	Ethyl nitrite	17.4	Nonazeotrope		549
3246	C_2H_6O	Ethyl alcohol	78.3	Nonazeotrope		536
3247	C_2H_6S	Ethanethiol	36.2	27	~ 30	563
3248	C_2H_6S	Methyl sulfide	37.2	29.0	62	555
3249	C_3H_5Cl	2-Chloropropene	22.65	<22.0	<13	575
3250	C_3H_5Cl	3-Chloropropene	46.15	Nonazeotrope		547
3251	C_3H_6O	Acetone	56.15	Nonazeotrope		552
3252	C_3H_7Cl	1-Chloropropane	46.65	Nonazeotrope		555
3253	C_3H_7Cl	2-Chloropropane	35.0	Nonazeotrope		555
3254	C_3H_7NO	Dimethylformamide 100-760 mm.		Nonazeotrope		v-1 827
3255	$C_3H_7NO_2$	Isopropyl nitrite	40.1	Nonazeotrope		549
3256	$C_3H_7NO_2$	Propyl nitrite	47.75	Nonazeotrope		549
3257	$C_3H_8O_2$	Methylal	42.25	Nonazeotrope		557
3258	C_4H_4O	Furan	31.7	<28.6		557
3259	C_4H_8	1-Butene	— 6.5	Min. b.p.		292

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₄O₂	Methyl Formate (<i>continued</i>)	31.7			
3260	C ₄ H ₈	<i>cis</i> -2-Butene	3.6	Min. b.p.		292
3261	C ₄ H ₈	<i>trans</i> -2-Butene	0.9	Min. b.p.		292
3262	C ₄ H ₈	2-Methylpropene	— 7.5	Min. b.p.		292
3263	C ₄ H ₈ O ₂	Butyric acid	163.5	Nonazeotrope		563
3264	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	51.6	Nonazeotrope		563
3265	C ₄ H ₁₀	<i>n</i> -Butane	— 0.6	Min. b.p.		292
3266	C ₄ H ₁₀	2-Methylpropane	— 12.2	Min. b.p.		292
3267	C ₄ H ₁₀ O	Ethyl ether	34.6	28.2	56	557
		"		28.4	55	497
3268	C ₄ H ₁₀ O	Methyl propyl ether	38.9	<31.2	<88	557
3269	C ₅ H ₈	Cyclopentadiene	41.0	Min. b.p.		259
3270	C ₅ H ₈	Cyclopentene	43	Min. b.p.		1013
3271	C ₅ H ₈	Isoprene	34.1	22.5	50	259,563, 1013
3272	C ₅ H ₈	3-Methyl-1,2-butadiene	40.8	26.5	~68	563
3273	C ₅ H ₈	Piperylene	42.5	Min. b.p.		259
3274	C ₅ H ₁₀	Cyclopentane	49.3	26.0	60 vol. %	562,788
3275	C ₅ H ₁₀	2-Methyl-1-butene	31.05	Min. b.p.		259,292, 1013
3276	C ₅ H ₁₀	3-Methyl-1-butene	20.1	Min. b.p.		259,292
3277	C ₅ H ₁₀	2-Methyl-2-butene	37.15	24.3	54	259,292, 563
3278	C ₅ H ₁₀	1-Pentene	30.1	Min. b.p.		259,292
3279	C ₅ H ₁₀	2-Pentene	36.4	Min. b.p.		259,292, 1013
3280	C ₅ H ₁₂	2-Methylbutane	27.95	17.05	47	292,563
		"		18.4	44.6	497
3281	C ₅ H ₁₂	Pentane		21.7	52.8	497
		"	36.15	21.8	53	285,563
3282	C ₆ H ₁₀	Biallyl	60.2	Nonazeotrope		563
3283	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575
3284	C ₆ H ₁₄	2,2-Dimethylbutane	49.7	25.4	55 vol. %	788
		"	49.7	Min. b.p.		59
3285	C ₆ H ₁₄	2,3-Dimethylbutane	58	Min. b.p.		59
		2,3-Dimethylbutane	58.0	30.5	85	562
3286	C ₆ H ₁₄	<i>n</i> -Hexane	69.0	Nonazeotrope		546
A =	C₂H₄S	Ethylene Sulfide	55.7			
3287	C ₂ H ₅ Br	Bromoethane	38.4	Nonazeotrope		566
3288	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.15	Nonazeotrope		575
3289	C ₃ H ₆ O	Acetone	56.15	51.5	57	566
3290	C ₃ H ₆ O ₂	Ethyl formate	54.15	50.5	53	566
3291	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		566
3292	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		566
3293	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		566
3294	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		575
3295	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	54.0	65	575
3296	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₅Br	Bromoethane	38.4			
3297	C ₂ H ₅ ClO	Chloromethyl methyl ether	59.15	Nonazeotrope		556
3298	C ₂ H ₅ I	Iodoethane	72.3	Nonazeotrope		563,899
3299	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	Nonazeotrope		550
3300	C ₂ H ₆ O	Ethyl alcohol	78.3	37	97	563,834
3301	C ₂ H ₆ S	Ethanethiol	36.2	Nonazeotrope		563
3302	C ₂ H ₆ S	Methyl sulfide	37.4	< 37.0	< 46	566
3303	C ₃ H ₆ O	Acetone	56.1	Nonazeotrope		552,834
3304	C ₃ H ₆ O	Propionaldehyde	48.7	Nonazeotrope		575
3305	C ₃ H ₆ O	Propylene oxide	34.1	Nonazeotrope		559
3306	C ₃ H ₆ O ₂	Ethyl formate	54.1	Nonazeotrope		531
3307	C ₃ H ₆ O ₂	Methyl acetate	57.0	Nonazeotrope		563
3308	C ₃ H ₇ Cl	2-Chloropropane	34.9	Nonazeotrope		575
3309	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	37.7	68	550
3310	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		550
3311	C ₃ H ₈ O	Isopropyl alcohol	82.4	Nonazeotrope		575
		"	82.45	38.35?	99?	563
3312	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		575
3313	C ₃ H ₈ O ₂	Methylal	42.2	Nonazeotrope		555
3314	C ₄ H ₈ O ₂	Butyric acid	163.5	Nonazeotrope, vapor pressure data		563
3315	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		575
3316	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	Nonazeotrope		575
3317	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		563
3318	C ₄ H ₁₀ O	Methyl propyl ether	38.8	Nonazeotrope		563
3319	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		531
3320	C ₅ H ₈	Isoprene	34.1	32	< 35	563
3321	C ₅ H ₈	3-Methyl-1,2-butadiene	40.8	~ 36		563
3322	C ₅ H ₁₀	Cyclopentane	49.3	< 37.5	< 80	575
3323	C ₅ H ₁₀	2-Methyl-2-butene	37.15	35.0	< 59	555
		"		35.4	62	497
3324	C ₅ H ₁₂	2-Methylbutane		27.4	29.7	497
		"	27.95	23.7	70	555
3325	C ₅ H ₁₂	Pentane	36.15	~ 33	~ 50	563
3326	C ₆ H ₆	Benzene	80.2	Nonazeotrope	v-1	563,978
3327	C ₆ H ₁₀	Biallyl	60.2	Nonazeotrope		563
3328	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575
3329	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		575
3330	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		538
3331	C ₇ H ₁₆	Heptane, 30° C.	98.4	Vapor pressure data		899
A =	C₂H₅BrO	2-Bromoethanol	150.2			
3332	C ₃ H ₆ Br ₂	1,2-Dibromopropane	140.5	137.0		575
3333	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	Nonazeotrope		526
3334	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	Nonazeotrope		575
3335	C ₄ H ₉ Br	1-Bromobutane	101.5	Nonazeotrope		575
3336	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	Nonazeotrope		575
3337	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		526

No.	B-Component		B.P., °C	Azeotropic Data		
	Formula	Name		B.P., °C	Wt. % A	Ref.
A =	C₂H₅BrO	2-Bromoethanol	150.2			
3338	C ₅ H ₈ O ₂	Furfuryl alcohol	169.35			575
3339	C ₅ H ₁₀ O	Cyclopentanol	140.85			575
3340	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.5			575
3341	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6			575
3342	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	<119.5	> 7	575
3343	C ₅ H ₁₂ O	Amyl alcohol	138.2			575
3344	C ₅ H ₁₂ O	Isoamyl alcohol	131.9			527
3345	C ₆ H ₅ Cl	Chlorobenzene	131.75	128.7	20	575
3346	C ₆ H ₁₀ O	Cyclohexanone	155.7			552
3347	C ₆ H ₁₀ O	Mesityl oxide	129.45			575
3348	C ₆ H ₁₀ S	Allyl sulfide	139.35	135.5	20	566
3349	C ₆ H ₁₂ O ₂	Butyl acetate	126.0			575
3350	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15			575
3351	C ₆ H ₁₄ S	Isopropyl sulfide	120.5			566
3352	C ₇ H ₁₄ O	4-Heptanone	143.55			575
3353	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	146.6	50	575
3354	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1			575
3355	C ₇ H ₁₆	Heptane	98.4	<97.5		575
3356	C ₈ H ₁₀	Ethylbenzene	136.15	131.5	40	575
3357	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	133.5	43	575
3358	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	133.0	42	575
3359	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<117.0		575
3360	C ₈ H ₁₆ O	Butyl ether	142.4	<138.0		575
3361	C ₈ H ₁₈ S	Butyl sulfide	185.0			566
3362	C ₈ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0			552
A =	C₂H₅BrO	Bromomethyl Methyl Ether	87.5			
3363	C ₆ H ₆	Benzene	80.15			575
3364	C ₆ H ₁₄	Hexane	68.8			575
A =	C₂H₅Cl	Chloroethane	12.4			
3365	C ₂ H ₅ NO ₂	Ethyl nitrite	17.4	< 12.2	>85	550
3366	C ₂ H ₅ O	Ethyl alcohol	78.3			573
3367	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1			550
3368	C ₄ H ₄ O	Furan	31.7			559
3369	C ₄ H ₁₀	<i>n</i> -Butane	0		20	460
		"	— 0.5		15.6	732
		Butane 738.6 mm.	— 0.5	-1.4	20.2	v-l 749
3370	C ₅ H ₁₀	3-Methyl-1-butene	20.6	< 11.5	<73	575
3371	C ₅ H ₁₂	2-Methylbutane	27.95	~12	95	563
3372	C ₅ H ₁₂	Pentane	36.15			563
A =	C₂H₅ClO	2-Chloroethanol	128.6			
3373	C ₂ H ₅ NO	Acetamide	221.15			527
3374	C ₂ H ₅ NO ₂	Nitroethane	114.2			554
3375	C ₂ H ₄ O ₂	Glycol	197.4			526
3376	C ₃ H ₅ ClO ₂	Methyl chloroacetate	129.95	<128.0	<85	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₅ClO	2-Chloroethanol (<i>continued</i>)	128.6			
3377	C ₃ H ₅ I	3-Iodopropene	101.8	100.2	8	564
3378	C ₃ H ₆ Br ₂	1,2-Dibromopropane	140.5	126.0		555
3379	C ₃ H ₆ Br ₂	1,3-Dibromopropane	166.9	Nonazeotrope		564
3380	C ₃ H ₇ I	1-Iodopropane	102.4	99.7	15	567
3381	C ₃ H ₇ I	2-Iodopropane	89.45	< 88.5	> 8	575
3382	C ₃ H ₇ N	Propionamide	222.2	Nonazeotrope		526
3383	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	130.0	69	568
3384	C ₄ H ₇ ClO	2-Chloroethyl vinyl ether, 120 mm.		55.62	14	1008
3385	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	Nonazeotrope		575
3386	C ₄ H ₈ Cl ₂ O	Bis(2-Chloroethyl) ether	177.4	128.2	86.3	v-1 901
		" 50 mm.	96	Nonazeotrope		981
		"	179.2	Nonazeotrope		981
3387	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		527
3387	C ₄ H ₈ S	Tetrahydrothiophene	118.8	115.0	~28	575
3389	C ₄ H ₉ Br	1-Bromobutane	101.5	100.1	10	564
3390	C ₄ H ₉ Br	1-Bromo-2-methyl- propane	91.4	90.2		526
3391	C ₄ H ₉ I	Iodobutane	130.4	119.0	38	564
3392	C ₄ H ₉ I	1-Iodo-2-methyl- propane	120.8	112.5	30	567
3393	C ₄ H ₁₀ O	Butyl alcohol	117.2	Nonazeotrope		v-1 901
3394	C ₄ H ₁₀ O	Isobutyl alcohol	107.5	Nonazeotrope		v-1 901
3395	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	135.65	15	568
3396	C ₄ H ₁₀ S	Butanethiol	97.5	Nonazeotrope		575
3397	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		566
3398	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		575
3399	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope (reacts)		575
3400	C ₅ H ₆ O ₂	Furfuryl alcohol	169.35	Nonazeotrope		575
3401	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		526
3402	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	Nonazeotrope		575
3403	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		575
3404	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		575
3405	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.5	< 125.7	> 28	575
3406	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		526
3407	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.3	113.5	30	564
3408	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	98.5	8	564
3409	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	125.0	55	564
3410	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		526
3411	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	127.8	75	527
3412	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		526
3413	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		575
3414	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		526
3415	C ₅ H ₁₈ ClSiO	2-Chloroethoxytrimethyl- silane	134.3	120-122		842
3416	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	Nonazeotrope		564

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₅ClO	2-Chloroethanol (<i>continued</i>)	128.6			
3417	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.6	Nonazeotrope		564
3418	C ₆ H ₅ Br	Bromobenzene	156.1	127.45	68	564
3419	C ₆ H ₅ Cl	Chlorobenzene	131.75	119.95	42	564
3420	C ₆ H ₅ F	Fluorobenzene	84.9	Nonazeotrope		575
3421	C ₆ H ₆	Benzene	80.0	Nonazeotrope	v-1	901
3422	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		575
3423	C ₆ H ₆ S	Benzenethiol	169.5	Nonazeotrope		566
3424	C ₆ H ₁₀	Cyclohexene	82.75	81.0	11	575
3425	C ₆ H ₁₀ O	Mesityl oxide	129.45	130.2	33	527
3426	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		527
3427	C ₆ H ₁₀ S	Allyl sulfide	139.35	124.5	61	555
3428	C ₆ H ₁₂	Cyclohexane	80.75	78.5	10	575
3429	C ₆ H ₁₂	Methylcyclopentane	72	< 71.4		575
3430	C ₆ H ₁₂ O	2-Hexanone	127.2	129.0	75	552
3431	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		552
3432	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		527
3433	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		552
3434	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	125.6	31	527
3435	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	123.15	21	526
3436	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	Nonazeotrope		526
3437	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	Nonazeotrope		526
3438	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	122.7		575
3439	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	Reacts		526
3440	C ₆ H ₁₃ Br	1-Bromohexane	156.5	126.5		571
3441	C ₆ H ₁₄	Hexane	68.8	< 68.0	< 13	575
3442	C ₆ H ₁₄ O	Isopropyl ether	68.4	Nonazeotrope	v-1	901
3443	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		575
3444	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		526
3445	C ₆ H ₁₄ S	Isopropyl sulfide	120	115.5	30	555
3446	C ₆ H ₁₄ S	Propyl sulfide	141.5	125.5	67	566
3447	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	Nonazeotrope		564
3448	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		564
3449	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	Nonazeotrope		564
3450	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	128.0	75	564
3451	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		575
3452	C ₇ H ₈	Toluene	110.6	106.9	24.4	v-1 571,901
3453	C ₇ H ₈ O	Anisole	153.85	128.55	97.5	556
3454	C ₇ H ₁₄	Methylcyclohexane	101.15	96.5	30	564
3455	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		552
3456	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		552
3457	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	Nonazeotrope		575
3458	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		526
3459	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		526
3460	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		575
3461	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	< 128.3	< 94	575
3462	C ₇ H ₁₆	Heptane	98.4	92.0	25	564

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₅ClO	2-Chloroethanol (<i>continued</i>)	128.6			
3463	C ₇ H ₁₀ O ₃	Ethyl orthoformate	145.75	Reacts		526
3464	C ₈ H ₆	Phenylacetylene	142	min. b. pt.		245
3465	C ₈ H ₆	Styrene	144.7	min. b. pt.		245
		"	145.8	123.0		564
3466	C ₈ H ₁₀	Ethylbenzene	136.15	121.0	62	564
		"	136.2	min. b. pt.		245
3467	C ₈ H ₁₀	Xylene	140	min. b. pt.		245
3468	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	121.9	55.5	526
3469	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	123.2	68	564
3470	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	121.5	54	567
3471	C ₉ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		575
3472	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		556
3473	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	109.5	42	567
3474	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		575
3475	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	100.5	33	526
3476	C ₈ H ₁₈	Octane	125.75	115.0		564
3477	C ₈ H ₁₈ O	Butyl ether	141.7	123.0	56.8	v-1 901
3478	C ₈ H ₁₈ O	Isobutyl ether	122.3	<117.0	<42	567
3479	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		566
3480	C ₉ H ₈	Indene	182.6	Nonazeotrope		564
3481	C ₉ H ₁₂	Cumene	152.8	125.35	70	526
3482	C ₉ H ₁₂	Mesitylene	164.6	<128.0		575
3483	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		564
3484	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		564
3485	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
3486	C ₁₀ H ₁₆	Camphene	159.6	125.5	80	564
3487	C ₁₀ H ₁₆	α -Terpinene	173.4	<127.0	<85	575
3488	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	123.5	68	526
3489	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		556
A =	C₂H₅ClO	Chloromethyl Methyl Ether	59.5			
3490	C ₂ H ₆ O	Ethyl alcohol	78.3	58.4	~84	565
3491	C ₂ H ₆ S	Ethanethiol	35.8	Nonazeotrope	(reacts)	573
3492	C ₂ H ₆ S	Methyl sulfide	37.4	Nonazeotrope		566
3493	C ₃ H ₅ Br	3-Bromopropene	70.0	Nonazeotrope		548
3494	C ₃ H ₅ Cl	3-Chloropropene	45.15	Nonazeotrope		548
3495	C ₃ H ₆ O	Acetone	56.15	55.9	13	552
3496	C ₃ H ₆ O ₂	Ethyl formate	54.1	Nonazeotrope		531
3497	C ₃ H ₆ O ₂	Methyl acetate	56.25	Nonazeotrope		556
3498	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		556
3499	C ₃ H ₇ Br	2-Bromopropane	59.4	< 57.1	>45	575
3500	C ₃ H ₇ Cl	1-Chloropropane	46.65	Nonazeotrope		556
3501	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		575
3502	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		563
3503	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		548
		"	128-720 mm.			v-1 634
3504	C ₃ H ₃ BO ₃	Methyl borate	68.75	Nonazeotrope		531

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₅ClO	Chloromethyl Methyl Ether	59.5			
		<i>(continued)</i>				
3505	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		552
3506	C ₄ H ₈ O ₂	Ethyl acetate	77.05	Nonazeotrope		563
3507	C ₄ H ₈ O ₂	Isopropyl formate	68.8	Nonazeotrope		548
3508	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		556
3509	C ₄ H ₉ Cl	1-Chloro-2-methyl-propane	68.85	Nonazeotrope		556
3510	C ₄ H ₉ Cl	2-Chloro-2-methyl-propane	50.8	Nonazeotrope		548
3511	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		548
3512	C ₅ H ₁₀	Cyclopentane	49.4	Nonazeotrope		575
3513	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		563
3514	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	Nonazeotrope		548
3515	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
3516	C ₆ H ₁₀	Biallyl	60.1	~55.5	55	548
3517	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	56.0	42	562
3518	C ₆ H ₁₄	Hexane	68.85	~58.5	~90	548
A =	C₂H₅I	Iodoethane	72.3			
3519	C ₂ H ₅ O	Ethyl alcohol	78.3	63	86	563,834
3520	C ₃ H ₅ Br	3-Bromopropene	70.5	Nonazeotrope		547
3521	C ₃ H ₆ O	Acetone	56.2	55-56	40	552,834
3522	C ₃ H ₆ O	Allyl alcohol	96.85	69.4	88	567
3523	C ₃ H ₆ O ₂	Ethyl formate	54.1	Nonazeotrope		538
3524	C ₃ H ₆ O ₂	Methyl acetate	56.95	Nonazeotrope		538
3525	C ₃ H ₆ O ₃	Methyl carbonate	90.35	Nonazeotrope		547
3526	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		549
3527	C ₃ H ₈ O	Isopropyl alcohol	82.45	66	87	573,834
3528	C ₃ H ₈ O	Propyl alcohol	97.2	70	93	563,834
3529	C ₃ H ₇ BO ₃	Methyl borate	68.7	67.8	48	538
3530	C ₄ H ₄ S	Thiophene	84.7	Nonazeotrope		527
3531	C ₄ H ₆ O ₂	Allyl formate	80.0	< 71.5		575
3532	C ₄ H ₈ O	2-Butanone	79.6	< 71.5	>75	552
3533	C ₄ H ₈ O ₂	Ethyl acetate	77.1	70	78	573,834
3534	C ₄ H ₈ O ₂	Isopropyl formate	68.8	< 66.5	>38	575
3535	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		547
3536	C ₄ H ₈ O ₂	Propyl formate	80.85	72.0	90	547
3537	C ₄ H ₉ Br	2-Bromo-2-methyl-propane	73.25	Nonazeotrope		549
3538	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		527
3538a	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	68.5		571c
3539	C ₄ H ₁₀ O	Isobutyl alcohol	108	Nonazeotrope		834
3540	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		559
3541	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	Nonazeotrope		563
3542	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		575
3543	C ₅ H ₁₂ O	Isoamyl alcohol	131.8	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₅I	Iodoethane (continued)	72.3			
3544	C ₆ H ₆	Benzene	80.2	Nonazeotrope		563
		"		74-75	80	834
3545	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
3546	C ₆ H ₁₄	Hexane	68.95	68	76	563
3547	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		559
3548	C ₇ H ₁₆	Heptane	98.4	V.p. data		
				Nonazeotrope		899
A =	C₂H₅IO	2-Iodoethanol	176.5			
3549	C ₂ H ₅ Br ₂	1,2-Dibromopropane	140.5	Nonazeotrope		575
3550	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	145.8	23	575
3551	C ₆ H ₅ Br	Bromobenzene	156.1	153.5	25	567
3552	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		575
3553	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	155.5	29	567
3554	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
3555	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	<143.5	>10	575
3556	C ₉ H ₁₀ O	Benzyl methyl ether	167.8	164.0	40	575
3557	C ₈ H ₁₀ O	Phenetole	170.45	166.0	38	567
3558	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		575
3559	C ₉ H ₁₂	Mesitylene	164.6	158.5	35	567
3560	C ₉ H ₁₂	Propyl benzene	159.3	155.0	30	567
3561	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		575
3562	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	166.5	50	567
A =	C₂H₅NO	Acetamide	221.2			
3563	C ₂ H ₆ O ₂	Glycol	197.4	Nonazeotrope		529
3564	C ₂ H ₇ NO	2-Aminoethanol	170.8	Nonazeotrope		551
3565	C ₃ H ₅ Br ₃	1,2,3-Tribromopropane	220	200	~ 17	535
3566	C ₃ H ₅ Cl ₃	1,2,3-Trichloropropane	156.85	154.5	7.5	535
3567	C ₃ H ₆ Br ₂	1,2-Dibromopropane	140.5	Nonazeotrope		527
3568	C ₃ H ₆ Br ₂	1,3-Dibromopropane	166.9	<165.5	<11	575
3569	C ₃ H ₆ Cl ₂ O	1,3-Dichloro-2-propanol	175.8	<175.5		575
3570	C ₃ H ₇ I	1-Iodopropane	102.4	Nonazeotrope		527
3571	C ₃ H ₇ NO	Propionamide	222.2	220.9	72	538
3572	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	Nonazeotrope		527
3573	C ₃ H ₈ O ₂	1,2-Propanediol	187.8	Nonazeotrope		575
3574	C ₃ H ₈ O ₃	Glycerol	290	Nonazeotrope		564
3575	C ₄ H ₅ NS	Allyl isothiocyanate	152.0	Nonazeotrope		575
3576	C ₄ H ₆ O ₄	Methyl oxalate	164.2	Nonazeotrope		535
3577	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.8	Nonazeotrope		527
3578	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	Nonazeotrope		575
3579	C ₄ H ₈ Cl ₂ O	1,2-Dichloroethyl ethyl ether	145.5	Nonazeotrope		556
3580	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	178.25	3	527
3581	C ₄ H ₈ O ₃	Glycol monoacetate	190.9	190.7	5	527
3582	C ₄ H ₉ I	1-Iodobutane	130.4	130.1	~3	575
3583	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	120.5	1.5	575
3584	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₅NO	Acetamide (continued)	221.2			
3585	C ₄ H ₁₀ O ₃	Diethylene glycol	245.5	Nonazeotrope		527
3586	C ₇ H ₁₁ NO ₂	2,2'-Iminodiethanol	268.0	Nonazeotrope		551
3587	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Reacts		535
3588	C ₅ H ₆ O ₂	Furfuryl alcohol	169.35	Nonazeotrope		575
3589	C ₅ H ₆ O ₃	Levulinic acid	252	Nonazeotrope		527
3590	C ₅ H ₉ ClO ₂	Propyl chloroacetate	163.5	Nonazeotrope		575
3591	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		575
3592	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.5	Nonazeotrope		575
3593	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		527
		"	120.3	120.0	~1	535
3594	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	146	5	535
3595	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		575
3596	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	Nonazeotrope		527
3597	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		575
3598	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		526
3599	C ₅ H ₁₂ O ₃	2-(2-Methoxyethoxy) ethanol	192.95	Nonazeotrope		527
3600	C ₆ H ₄ Br ₂	<i>p</i> -Dibromobenzene	220.25	199.35	18	574
3601	C ₆ H ₄ BrCl	<i>p</i> -Bromochlorobenzene	196.4	<187.0		562
3602	C ₆ H ₄ ClNO	<i>m</i> -Chloronitrobenzene	235.5	212.5	50	554
3603	C ₆ H ₄ ClNO	<i>o</i> -Chloronitrobenzene	246.0	216.0	60	554
3604	C ₆ H ₄ ClNO	<i>p</i> -Chloronitrobenzene	239.1	213.6	55	527
3605	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.2	174.0	10	564
3606	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.35	169.9	10	574
3607	C ₆ H ₅ Br	Bromobenzene	156.1	154.85	4.2	527
3608	C ₆ H ₅ BrO	<i>o</i> -Bromophenol	194.8	223.0	50	562
3609	C ₆ H ₅ Cl	Chlorobenzene	132.0	~131.85	~3	574
3610	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	175.8	Nonazeotrope		575
3611	C ₆ H ₅ ClO	<i>p</i> -Chlorophenol	219.75	231.7	33	574
3612	C ₆ H ₅ I	Iodobenzene	188.5	180	13	527
3613	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	201.95	24	554
3614	C ₆ H ₅ NO ₃	<i>o</i> -Nitrophenol	217.25	207.7	24.2	527
3615	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		527
		"	182.2	221.3	~98	529
3616	C ₆ H ₆ O ₂	Pyrocatechol	245.9	Nonazeotrope		527
3617	C ₆ H ₆ O ₂	Resorcinol	281.4	Nonazeotrope		541
3618	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		551
3619	C ₆ H ₈ N ₂	<i>o</i> -Phenylenediamine	258.6	Nonazeotrope		527
3620	C ₆ H ₈ O ₄	Methyl maleate	204.05	201.9	11	570
3621	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		552
3622	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		527
3623	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	185.3	4.2	574
3624	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	Nonazeotrope		575
3625	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		566
3626	C ₆ H ₁₁ NO ₂	Nitrocyclohexane	205.3	<200	<22	575

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₅NO	Acetamide (continued)	221.2			
3627	C ₆ H ₁₂ O	Cyclohexanol	160.7	Nonazeotrope		527
3628	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		527
3629	C ₆ H ₁₂ O ₂	Caproic acid	205.15	<202.8		575
3630	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		575
3631	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		575
3632	C ₆ H ₁₂ O ₃	2-Ethoxy ethyl acetate	156.8	Nonazeotrope		526
3633	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	Nonazeotrope		575
3634	C ₆ H ₁₃ Br	1-Bromohexane	156.5	154.5	7.5	562
3635	C ₆ H ₁₄ O	Hexyl alcohol	157.8	Nonazeotrope		527
3636	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		527
3637	C ₆ H ₁₄ O ₂	Pinacol	174.3	Nonazeotrope		535
3638	C ₆ H ₁₅ NO	2-Diethylaminoethanol	162.2	Nonazeotrope		551
3639	C ₇ H ₇ Cl ₃	α,α,α -Trichlorotoluene	220.9	Reacts		535
3640	C ₇ H ₇ Cl ₂	α,α -Dichlorotoluene	205.15	190.8	15.5	534
3641	C ₇ H ₆ O	Benzaldehyde	179.2	178.6	6.5	527
3642	C ₇ H ₆ O ₂	Benzoic acid	250.5	Nonazeotrope		527
3643	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	177.05	11.0	527
3644	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.45	175.05	11.0	527
3645	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	178.0	12	535
3646	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	<207.7		575
3647	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	173.7	11	534
3648	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	157.8	8	535
3649	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	160.0	8.5	527
3650	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7	191.0	20	562
3651	C ₇ H ₇ ClO	<i>p</i> -Chloroanisole	197.8	<193.0	<26	575
3652	C ₇ H ₇ I	<i>p</i> -Iodotoluene	212	195	17	535
3653	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	210.8	42	564
3654	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	206.45	32.5	564
3655	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	213.4	48	527
3656	C ₇ H ₈	Toluene	110.75	Nonazeotrope		527,529
3657	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		527
3658	C ₇ H ₈ O	Benzyl alcohol	205.1	Nonazeotrope		527
3659	C ₇ H ₈ O	<i>m</i> -Cresol	202.1	Nonazeotrope		527
3660	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		527
3661	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		527
3662	C ₇ H ₈ O ₂	Guaiacol	205.05	204.55	7.5	574
3663	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	244	220.8	~80	535
3664	C ₇ H ₉ N	Methylaniline	196.25	193.8	14	551
3665	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	200.95	14	551
3666	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	198.55	12	527
3667	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	198.7	12	551
3668	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	195.0	<194.1		575
3669	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		527
3670	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		552
3671	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		575
3672	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		552
3673	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₂H₅NO	Acetamide (continued)	221.2			
3674	C ₇ H ₁₄ O ₂	Butyl propionate	146.8		Nonazeotrope	527
3675	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	<216.5		575
3676	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7		Nonazeotrope	527
3677	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45		Nonazeotrope	527
3678	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1		Nonazeotrope	527
3679	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5		Nonazeotrope	575
3680	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7		Nonazeotrope	575
3681	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75		Nonazeotrope	575
3682	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	<181.5	<12	575
3683	C ₇ H ₁₆	Heptane	98.4		Nonazeotrope	527
3684	C ₇ H ₁₆ O	Heptyl alcohol	176.35		Nonazeotrope	527
3685	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75		Nonazeotrope	527
3686	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)-ethoxy]ethanol	245.25		Nonazeotrope	527
3687	C ₈ H ₇ N	Indole	253.5		Nonazeotrope	527
3688	C ₈ H ₈	Styrene	145.8	144	12	574
3689	C ₈ H ₈ O	Acetophenone	202.0	197.45	16.3	527
3690	C ₈ H ₈ O ₂	Benzyl formate	203.0	193.0	22	564
3691	C ₈ H ₈ O ₂	Methyl benzoate	199.45	193.8	15	574
3692	C ₈ H ₈ O ₂	Phenyl acetate	195.7	~194.5	~7	574
3693	C ₈ H ₈ O ₂	α -Toluic acid	266.5		Nonazeotrope	527
3694	C ₇ H ₈ O ₃	Methyl salicylate	222.3	205.8	29	528
3695	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.2	212.0	35	562
3696	C ₈ H ₁₀	Ethylbenzene	136.15	135.6	~8	535
3697	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	142.6	11	562
3698	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	138.4	10	527
3699	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	137.75	8	527
3700	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	166.0	10	575
3701	C ₈ H ₁₀ O	<i>p</i> -Methyl anisole	177.05	174.2	11	556
3702	C ₈ H ₁₀ O	Phenethyl alcohol	219.5	214.05	35	528
3703	C ₈ H ₁₀ O	Phenetole	170.5	168.3	10.8	574
3704	C ₈ H ₁₀ O	2,4-Xylenol	210.5		Nonazeotrope	575
3705	C ₈ H ₁₀ O	3,4-Xylenol	226.8	221.1	96	527
3706	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	199.0	25	535
3707	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	<215.0		575
3708	C ₈ H ₁₀ O ₂	Veratrol	205.5	193.5	23	535
3709	C ₈ H ₁₁ N	Dimethylaniline	194.15	186.95	17.5	551
3710	C ₈ H ₁₁ N	2,4-Xylidine	214.0	<209.5	21	551
3711	C ₈ H ₁₁ N	3,4-Xylidine	225.5	<213.5	<29	551
3712	C ₈ H ₁₁ N	Ethylaniline	205.5	199.0	18	551
3713	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	216.0	55	527
3714	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9		Nonazeotrope	551
3715	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	205.5	26.7	527
3716	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	210.15	32	527
3717	C ₈ H ₁₄ O	Methyl heptenone	173.2		Nonazeotrope	552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₅NO	Acetamide (continued)	221.2			
3718	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
3719	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	164.5	7	564
3720	C ₈ H ₁₆ O ₂	Caprylic acid	283.5	<219.5		575
3721	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	169.5	10	562
3722	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	159.8	4	564
3723	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	Nonazeotrope		535
3724	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		575
3725	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	<155.3	>3	575
3726	C ₈ H ₁₆ O ₈	Isoamyl lactate	202.4	<196.0	<28	575
3727	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		527
3728	C ₈ H ₁₈	Octane	125.7	125.6	~1	535
3729	C ₈ H ₁₈ O	Butyl ether	142.4	<142.0	<10	575
3730	C ₈ H ₁₈ O	Octyl alcohol	195.2	194.45	9.5	564
3731	C ₈ H ₁₈ O	sec-Octyl alcohol	179.0	Nonazeotrope		527
3732	C ₈ H ₁₈ S	Butyl sulfide	185.0	180.0	8	566
3733	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	<170.5	<7	566
3734	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		527
3735	C ₉ H ₈	Indene	183.0	177.2	17.5	527
3736	C ₉ H ₈ O	Cinnamaldehyde	253.5	Nonazeotrope		527
3737	C ₉ H ₁₀ O	Cinnamyl alcohol	257	Nonazeotrope		564
3738	C ₉ H ₁₀ O	<i>p</i> -Methyl acetophenone	226.35	209.8	38.3	552
3739	C ₉ H ₁₀ O	Propiophenone	217.7	204.0	31	527
3740	C ₉ H ₁₀ O ₂	Benzyl acetate	~214.9	204.8	27.5	574
3741	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	200.85	24	574
3742	C ₉ H ₁₀ O ₂	Methyl α -toluate	215.3	203.0	30	562
3743	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.7	209.2	40.2	536
3744	C ₉ H ₁₂	Cumene	152.8	<150.8	>8	575
3745	C ₉ H ₁₂	Mesitylene	164.6	~160.0	~15	573
3746	C ₉ H ₁₂	Pseudocumene	168.2	<164.8		575
3747	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	179.0	17	562
3748	C ₉ H ₁₂ O	3-Phenyl propanol	235.6	Nonazeotrope		527
3749	C ₉ H ₁₂ O	Phenyl propyl ether	190.2	183.5	20	535
3750	C ₉ H ₁₂ O ₂	2-Benzylóxyethanol	265.2	Nonazeotrope		575
3751	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	177.95	16.5	551
3752	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	194.0	22	551
3753	C ₉ H ₁₄ O	Phorone	197.8	194.8	12	552
3754	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
3755	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	183.0	16	562
3756	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	174.75	11.8	536
3757	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	167.5	9	564
3758	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	169.3	10.5	541
3759	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	186.0	15	564
3760	C ₁₀ H ₈ Br	1-Bromonaphthalene	281.8	217.35	56.5	527
3761	C ₁₀ H ₈ Cl	1-Chloronaphthalene	~262.7	213.9	52.2	527
3762	C ₁₀ H ₈	Naphthalene	218.05	199.55	27	527
3763	C ₁₀ H ₈ O	1-Naphthol	288	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₅NO	Acetamide (continued)	221.2			
3764	C ₁₀ H ₈ O	2-Naphthol	290	Nonazeotrope		544
3765	C ₁₀ H ₉ N	1-Naphthylamine	300.8	Nonazeotrope		551
3766	C ₁₀ H ₉ N	Quinaldine	246.5	Nonazeotrope		575
3767	C ₁₀ H ₁₀ O ₂	Isosafrol	252.1	214.0	47	574
3768	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.95	219.1	62	527
3769	C ₁₀ H ₁₀ O ₂	Safrol	235.9	208.8	32	527
3770	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.7	Nonazeotrope		542
3771	C ₁₀ H ₁₂ O	Anethole	235.7	208.0	38	527
3772	C ₁₀ H ₁₂ O	Estragole	215.8	~199.8	~24	574
3773	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	209.6	35.5	536
3774	C ₁₀ H ₁₂ O ₂	Eugenol	255	220.8	88	527
3775	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	Nonazeotrope		527
3776	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	209.0	38	527
3777	C ₁₀ H ₁₄	Butylbenzene	183.1	<176.0		575
3778	C ₁₀ H ₁₄	Cymene	176.7	170.5	19	527
3779	C ₁₀ H ₁₄ O	Carvacrol	237.85	<220.8		575
3780	C ₁₀ H ₁₄ O	Carvone	231	210.65	42.5	527
3781	C ₁₀ H ₁₄ O	Thymol	232.8	219.9	70.5	527
3782	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0	208.5	34	535
3783	C ₁₀ H ₁₅ N	Diethylaniline	217.05	198.05	24	551
3784	C ₁₀ H ₁₆	Camphene	159.6	155.5	12	527
3785	C ₁₀ H ₁₆	Dipentene	177.7	169.15	18	527
3786	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	169.2	16	529
3787	C ₁₀ H ₁₆	Nopinene	163.8	159.5	18	527
3788	C ₁₀ H ₁₆	α -Pinene	155.8	152.5	13	536
3789	C ₁₀ H ₁₆	α -Terpinene	173.4	167.5	18	562
3790	C ₁₀ H ₁₆	γ -Terpinene	183	175.0	~20	575
3791	C ₁₀ H ₁₆	Terpinolene	184.6	176.5	20	562
3792	C ₁₀ H ₁₆	Thymene	179.7	169.8	18	535
3793	C ₁₀ H ₁₆ O	Camphor	209.1	199.8	23	552
3794	C ₁₀ H ₁₆ O	Carvenone	234.5	233.0	44	552
3795	C ₁₀ H ₁₆ O	Fenchone	193.6	<192.8	> 5	552
3796	C ₁₀ H ₁₆ O	Pulegone	223.8	205.9	36	527
3797	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	<195.0		575
3798	C ₁₀ H ₁₈ O	Borneol	213.4	205.4	26	527
3799	C ₁₀ H ₁₈ O	Cineol	176.35	170.9	17	574
3800	C ₁₀ H ₁₈ O	Citronellal	208.0	199	Reacts	575
3801	C ₁₀ H ₁₈ O	Geraniol	229.6	213.5	45	527
3802	C ₁₀ H ₁₈ O	Linalool	198.6	<198.0	< 12	575
3803	C ₁₀ H ₁₈ O	α -Terpineol	217.8	205.2	28	529
3804	C ₁₀ H ₁₈ O	β -Terpineol	210.5	203.0	22	567
3805	C ₁₀ H ₂₀ O	Citronellol	224.4	209.5	40	567
3806	C ₁₀ H ₂₀ O	Menthol	216.4	204.45	27	564
3807	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	196.0	24	562
3808	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	184.85	16	564
3809	C ₁₀ H ₂₀ O ₂	Isoamyl valerate	192.7	184.85	16	541
3810	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.7	268.5	28	564

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₅NO	Acetamide (continued)	221.2			
3811	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	155.5	15	562
3812	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.9	211.1	49	529
3813	C ₁₀ H ₂₂ O	Amyl ether	187.5	178.0	20	556
3814	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	166.95	14.5	556
3815	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	199.5	17	566
3816	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1	209.8	43.8	574
3817	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	208.25	40	527
		"	241.1		55	270
3818	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.5	271.5	70	564
3819	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxy- benzene	255.2	216.85	50	527
3820	C ₁₁ H ₁₄ O ₂	Butyl benzoate	251.2	214.0	49	535
3821	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenyl- benzene	270.5	219.55	69	574
3822	C ₁₁ H ₁₄ O ₂	β -phenethyl propionate	248.1	215.5	48	562
3823	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	211.2	42	570
3824	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<185.5	<23	562
3825	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	<200.5	<28	562
3826	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	205.65	32	564
3827	C ₁₂ H ₁₀	Acenaphthene	277.9	217.1	64.2	527
3828	C ₁₂ H ₁₀	Biphenyl	255.9	212.95	50.5	527
3829	C ₁₂ H ₁₀ O	Phenyl ether	259.3	214.55	52	574
3830	C ₁₂ H ₁₄ O ₄	Ethyl phthalate	295	Nonazeotrope		527
3831	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05	215.4	55	574
3832	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	220.0	70	575
3833	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	198.0	27	574
3834	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	205.0	32	527
3835	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	<193.0	<25	575
3836	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	~217	~60	542
3838	C ₁₃ H ₁₀	Fluorene	295	<219.7	>72	575
3839	C ₁₃ H ₁₀ O ₂	Phenyl benzoate	315	Nonazeotrope		527
3839	C ₁₃ H ₁₂	Diphenyl methane	265.6	215.15	56.5	574
3840	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	<220.8	>92	575
3841	C ₁₄ H ₁₂	Stilbene	306.5	220.5	~88	575
3842	C ₁₄ H ₁₄	1,2-Diphenylethane	284	218.2	68	537
3843	C ₁₄ H ₁₄ O	Benzyl ether	297	Nonazeotrope		575
A =	C₂H₅NO₂	Ethyl Nitrite	17.4			
3844	C ₂ H ₆ S	Methyl sulfide	37.4	Nonazeotrope		550
3845	C ₃ H ₆ Cl	2-Chloropropene	22.65	Nonazeotrope		550
3846	C ₃ H ₇ Cl	2-Chloropropane	34.9	Nonazeotrope		550
3847	C ₃ H ₈ O	Isopropyl alcohol	82.35	Min. b.p.		576
3848	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		550
3849	C ₄ H ₄ O	Furan	31.7	Nonazeotrope		550
3850	C ₄ H ₁₀	Butane	0.6	Nonazeotrope		550
3851	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		550
3852	C ₄ H ₁₀ O	Methyl propyl ether	38.95	Nonazeotrope		550
3853	C ₅ H ₁₀	Cyclopentane	49.3	Nonazeotrope		550

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₉NO₂	Ethyl Nitrite (continued)	17.4			
3854	C ₅ H ₁₀	3-Methyl-1-butene	20.6	15.5	60	550
3855	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		550
3856	C ₅ H ₁₂	2-Methylbutane	27.95	16.7	90	550
3857	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		550
A =	C₂H₅NO₂	Nitroethane	114.2			
3858	C ₂ H ₅ NO ₃	Ethyl nitrate	87.7	Nonazeotrope		574
3859	C ₂ H ₆ O	Ethyl alcohol	78.3	Nonazeotrope		574
		“ “	78.32	78.03	12.6	806
3860	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		575
3861	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.0	Nonazeotrope		554
3862	C ₃ H ₇ NO ₃	Propyl nitrate	110.5	<109.6	>21	554
3863	C ₃ H ₈ O	Isopropyl alcohol	82.40	81.82	10.6	806
3864	C ₃ H ₈ O	Propyl alcohol	97.15	94.49	31.8	806
		“ “	97.2	< 95.0	>23	554
3865	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		554
3866	C ₄ H ₉ Br	1-Bromobutane	101.5	96.0	25	554
3867	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	89.5	10	554
3868	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		554
3869	C ₄ H ₁₀ O	Butyl alcohol	117.8	107.7	55	554
		“ “	117.75	107.94	58.6	806
3870	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.53	97.16	27.6	806
3871	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.41	82.22	4.5	806
3872	C ₄ H ₁₀ O	Isobutyl alcohol	107.89	102.68	40.8	806
		“ “	108.0	102.5	40	554
3873	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		575
3874	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		575
3875	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	<108.5	>55	554
3876	C ₅ H ₁₂ O	Amyl alcohol	138.2	<137.8	>83	554
3877	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	<98.6	>30	554
3878	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	112.0	78	554
3879	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		554
3880	C ₆ H ₅ NO ₂	Nitrobenzene	210.9	Nonazeotrope		v-1 963
3881	C ₆ H ₆	Benzene	25°C.	Nonazeotrope		v-1 845
		“ “	80.15	Nonazeotrope		554
3882	C ₆ H ₁₂	1-Hexene	63.84	63.2	3.9	806
3883	C ₆ H ₁₂	Methylcyclopentane	72.0	< 71.2	> 4	554
3884	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	<113.0		575
3885	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		554
3886	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	<113.7	>73	554
3887	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	108.5	27	554
3888	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	112.5	60	554
3889	C ₆ H ₁₄	Hexane	68.74	59.4	10.6	806
3890	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	<110.9	>60	554
3891	C ₇ H ₈	Toluene	110.75	106.2	25	162,554
3892	C ₇ H ₁₄	Methylcyclohexane	101.15	90.8	30	554
3893	C _n H _{2n+2}	Paraffins	107-110	82-104		162

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₅NO₂	Nitroethane (continued)	114.2			
3894	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	89.2	28	554
		"	98.43	89.5	29.8	806
3895	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		554
3896	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	< 96.9	> 62	554
3897	C ₈ H ₁₈	Octane	125.66	90.5	55.6	806
A =	C₂H₅NO₃	Ethyl Nitrate	87.68			
3898	C ₂ H ₆ O	Ethyl alcohol	78.3	71.85	56	536
3899	C ₃ H ₅ Br	3-Bromopropene	70.5	Nonazeotrope		560
3900	C ₃ H ₅ I	3-Iodopropene	101.8	< 87.0		560
3901	C ₃ H ₆ Cl ₂	2,2-Dichloropropane	70.4	Nonazeotrope		575
3902	C ₃ H ₆ O	Allyl alcohol	96.95	83.15	77.5	527
3903	C ₃ H ₆ O ₃	Methyl carbonate	90.25	Nonazeotrope		527
3904	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		527
3905	C ₃ H ₇ I	1-Iodopropane	102.4	87.4		560
3906	C ₃ H ₇ I	2-Iodopropane	89.45	83.2	52	527
3907	C ₃ H ₈ O	Isopropyl alcohol	82.35	77.0	53	560
3908	C ₃ H ₈ O	Propyl alcohol	97.25	82.55	70	536
3909	C ₄ H ₄ S	Thiophene	84.7	Nonazeotrope		527
3910	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		527
3911	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		527
3912	C ₄ H ₉ Br	1-Bromobutane	101.6	Nonazeotrope		527
3913	C ₄ H ₉ Br	2-Bromobutane	91.2	< 85.5	< 68	560
3914	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	85.0	65	570
3915	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope		527
3916	C ₄ H ₉ Cl	1-Chlorobutane	78.5	< 78	< 20	527
3917	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		527
3918	C ₄ H ₁₀ O	Butyl alcohol	117.75	87.45	96	527
3919	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	84.8	78	527
3920	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	78.1	48	527
3921	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	86.4	86	527
3922	C ₄ H ₁₀ S	Ethyl sulfide	92.1	85.0	58	560
3923	C ₅ H ₁₀	Cyclopentane	49.3	Nonazeotrope		527
3924	C ₅ H ₁₀ O	Isovaleraldehyde	92.1	Nonazeotrope		527
3925	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	87.55	92	527
3926	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	< 87.0	< 95	527
3927	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		527
3928	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	85.85	49	569
3929	C ₆ H ₅ F	Fluorobenzene	84.9	< 82.5	< 42	560
3930	C ₆ H ₆	Benzene	80.15	80.03	12	560
3931	C ₆ H ₈	1,3-Cyclohexadiene	80.4	76	< 38	560
3932	C ₆ H ₁₂	Cyclohexane	80.75	74.5	36	560
3933	C ₆ H ₁₂	Methylcyclopentane	72.0	68.7	20	560
3934	C ₆ H ₁₄	Hexane	68.8	66.25	24	570
3935	C ₆ H ₁₄ O	Propyl ether	90.1	< 87.0	> 65	527
3936	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		557
3937	C ₇ H ₈	Toluene	110.7	Nonazeotrope		527
3938	C ₇ H ₁₄	Methylcyclohexane	101.15	83.85		571

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₅NO₂	Ethyl Nitrate (<i>continued</i>)	87.68			
3939	C ₇ H ₁₆	Heptane	98.4	82.8	63	527
3940	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		560
3941	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	86	84	560
A =	C₂H₆	Ethane	— 93			
3942	C ₂ H ₆ O	Ethyl alcohol	78.3	Nonazeotrope		563
3943	C ₃ H ₆ O	Acetone crit. press.		Nonazeotrope		442
3944	C ₃ H ₈ O	Isopropyl alcohol	82.45	Nonazeotrope		563
3945	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		834
3946	C ₄ H ₁₀	Butane	0.6	Nonazeotrope		563
3947	C ₄ H ₁₀ O	Isobutyl alcohol	108	Nonazeotrope		563
3948	C ₇ F ₁₆	Perfluoroheptane, crit. region		Nonazeotrope	v-l	430,431
A =	C₂H₆Cl₂Si	Dichlorodimethylsilane				
3948a	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178	Nonazeotrope		886c
		"	178	B.p. curve		886c
3949	C ₇ H ₁₆	2-Methylhexane	90.1	Nonazeotrope		844
3950	C ₇ H ₁₆	3-Methylhexane	91.96	Nonazeotrope		844
A =	C₂H₆O	Ethyl Alcohol	78.3			
3951	C ₂ H ₆ S	Methyl sulfide	37.4	Nonazeotrope		566
3951a	C ₃ H ₃ N	Acrylonitrile	77.3	70.8	41	498i
3952	C ₃ H ₅ Br	<i>trans</i> -1-Bromopropene	63.25	58.7	11	563
3953	C ₃ H ₅ Br	<i>cis</i> -1-Bromopropene	57.8	56.4	9	563
3954	C ₃ H ₅ Br	2-Bromopropene	48.35	46.2	6	563
3955	C ₃ H ₅ Br	3-Bromopropene	70.8	62.9		580
3956	C ₃ H ₅ Cl	<i>cis</i> -1-Chloropropene	32.8	32.1		533
3957	C ₃ H ₅ Cl	<i>trans</i> -1-Chloropropene	37.4	36.7	4	575
3958	C ₃ H ₅ Cl	2-Chloropropene	22.65	Nonazeotrope		573
3959	C ₃ H ₅ Cl	3-Chloropropene	45.7	44	5	573
3960	C ₃ H ₅ ClO	Epichlorohydrin	116.4	Nonazeotrope		556
3961	C ₃ H ₅ I	3-Iodopropene	102	75.4	42	532
3962	C ₃ H ₅ N	Propionitrile	97.1	77.5		563
		760 mm.		81	25.0	319,396
		760 mm.	97.1		27.5	319,396
		200 mm.			28.0	319,396
		100 mm.			35.5	319,396
		25 mm.			38.0	319,396
3963	C ₃ H ₆ Cl ₂	1,2-Dichloropropane	96.2	74.7	52.74	533
3964	C ₃ H ₆ Cl ₂	2,2-Dichloropropane	69.8	63.2	14.5	573
3965	C ₃ H ₆ O	Acetone	56.1	Nonazeotrope		371,960
		"		B.p. curve		
		"	56.4	Nonazeotrope		v-l 16,376
		680 mm.		Nonazeotrope		v-l 439f
3966	C ₃ H ₆ O	Propionaldehyde	48.7	Nonazeotrope		575
3967	C ₃ H ₆ OS	Methyl thioacetate	95.5	77.8		575
3968	C ₃ H ₆ O ₂	Ethyl formate	54.1	54.05		536
3969	C ₃ H ₆ O ₂	Methyl acetate	56.95	56.9	~3	536
3970	C ₃ H ₆ O ₃	Methyl carbonate	90.35	73.5	~45	536

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₆O	Ethyl Alcohol (continued)	78.3			
3971	C ₂ H ₇ Br	1-Bromopropane	71	63.6	16.24	389
				B.p. curve		
3972	C ₂ H ₇ Br	2-Bromopropane	59.8	55.5	11.5	527
3973	C ₂ H ₇ Cl	1-Chloropropane	46.65	44.95	6	555
3974	C ₂ H ₇ Cl	2-Chloropropane	36.25	35.6	2.8	573
3975	C ₂ H ₇ I	1-Iodopropane	102.4	75.4	44	573
3976	C ₂ H ₇ I	2-Iodopropane	89.35	70.2	25	555
3977	C ₂ H ₇ NO ₂	1-Nitropropane	131.18	Nonazeotrope		806
3978	C ₂ H ₇ NO ₂	2-Nitropropane	120.25	78.28	93.6	806
3979	C ₂ H ₇ NO ₂	Propyl nitrate	110.5	75.0		560
3980	C ₃ H ₈ O	Isopropyl alcohol	82.3	Nonazeotrope	v-1	320,563
3981	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		813
3982	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	Nonazeotrope		575
3983	C ₃ H ₈ O ₂	Methylal	42.1	Nonazeotrope		556
3984	C ₃ H ₈ S	Propanethiol	67.3	< 63.5	< 19	566
3985	C ₂ H ₅ BO ₃	Methyl borate	68.7	63.0	~25	536
3986	C ₄ H ₄ N ₂	Pyrazine	114-115	Nonazeotrope		751
3987	C ₄ H ₄ S	Thiophene	84	70.0	45	555
3988	C ₄ H ₆	1,3-Butadiene	— 4.5	Nonazeotrope	v-1	111
3989	C ₄ H ₆ O	Crotonaldehyde	102.2	Nonazeotrope		241
3990	C ₄ H ₆ O ₂	Allyl formate	80.0	71.5		567
3991	C ₄ H ₆ O ₂	Biacetyl	87.5	73.9	47?	552
3993	C ₄ H ₆ O ₂	Methyl acrylate	80	73.5	42.4	800
3994	C ₄ H ₇ Br	<i>trans</i> -1-Bromo-1-butene	94.70	72.3	35.71	580
3994	C ₄ H ₇ Br	<i>cis</i> -1-Bromo-1-butene	86.15	69.6	77.48	580
3995	C ₄ H ₇ Br	2-Bromo-1-butene	81.0	67.4	22.18	580
3996	C ₄ H ₇ Br	<i>cis</i> -2-Bromo-2-butene	93.9	72.3	33.7	580
3997	C ₄ H ₇ Br	<i>trans</i> -2-Bromo-2-butene	85.55	69.1	26.7	580
3998	C ₄ H ₇ Cl	<i>trans</i> -1-Chloro-1-butene	68	61.2	20.2	690
3999	C ₄ H ₇ Cl	<i>cis</i> -1-Chloro-1-butene	63.4	57	14.8	690
4000	C ₄ H ₇ Cl	2-Chloro-1-butene	58.4	53.6	11.5	690
4001	C ₄ H ₇ Cl	<i>trans</i> -2-Chloro-2-butene	66.6	60	18.4	690
4002	C ₄ H ₇ Cl	<i>cis</i> -2-Chloro-2-butene	62.4	56.8	15.4	690
4003	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.5	Nonazeotrope		121
4004	C ₄ H ₇ N	Isobutyronitrile	103.85	Nonazeotrope		575
4005	C ₄ H ₈ O	2-Butanone	79.6	75.7	>46	527,633
		"	79.6	74.0	39	v-1 376,31c
		"	79.6	74.0	39	v-1 376
		"	79.6	74.8	34	981
4006	C ₄ H ₈ O	Butyraldehyde	75.7	70.7	60.6	982
4007	C ₄ H ₈ O	Ethyl vinyl ether	35.5	Nonazeotrope		882
4008	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		575
4009	C ₄ H ₈ O	Tetrahydrofuran	66	10		224
4010	C ₄ H ₈ OS	Ethyl thioacetate	116.6	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₆O	Ethyl Alcohol (continued)	78.3			
4011	C ₄ H ₈ O ₂	Dioxane	101.4	Nonazeotrope		201
			101.07	78.13	90.7	v-1 397
		" 200 mm.		46.4	68	v-1 348
		" 400 mm.		62.4	82	348
		" 600 mm.		72.19	88	348
		" 760 mm.		78.25	>98	348
		" 190 mm.				v-1 617a
		" 380 mm.				v-1 617a
		" 760 mm.	101			v-1 617a
		" 1140 mm.				v-1 617a
		" 1520 mm.				v-1 617a
		" 3040 mm.		Nonazeotrope		v-1 617a
4012	C ₄ H ₈ O ₂	Ethyl acetate, 40°-60°C.		% Alc. increases with press.		v-1 674
		" 77.4 mm.			15.95	322
		" 760 mm.			30.97	322
		" 25 mm.	77.05	72.18	25.8	674
		" 300 mm.		— 1.39	12.81	} 650,834, 1034
		" 760 mm.	77.05	47.83	23.22	
		" 1500 mm.		71.81	30.98	
		" 50°-80°C.		91.86	39.07	v-1 452c,31c
4013	C ₄ H ₈ O ₂	Methyl propionate	79.7	72.0	33	536
4014	C ₄ H ₈ O ₂	Propyl formate	80.8	71.75	~41	572
4015	C ₄ H ₉ Br	1-Bromobutane	100.3	75.0	43	573
4016	C ₄ H ₉ Br	2-Bromobutane	91.2	72.5	33	567
4017	C ₄ H ₉ Br	1-Bromo-2-methylpropane	89.2	71.4	41.0	389,555
4018	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	B.p. curve		
				63.8	15	563
4019	C ₄ H ₉ Cl	1-Chlorobutane	78.05	65.7	20.3	573
4020	C ₄ H ₉ Cl	2-Chlorobutane	68.25	61.2	15.8	567
4021	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.9	61.45	16.3	563
4022	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	51	~ 49	~ 6.5	563
4023	C ₄ H ₉ I	1-Iodobutane	130.4	< 78.15		567
4024	C ₄ H ₉ I	2-Iodobutane	120.0	77.2	70	567
4025	C ₄ H ₉ I	1-Iodo-2-methylpropane	120	77	70	834
		"	120.4	77.65	73	573
4026	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		v-1 376,452e
4027	C ₄ H ₁₀ O	sec-Butyl alcohol	99.4	Nonazeotrope		v-1 376
4028	C ₄ H ₁₀ O	tert-Butyl alcohol	82.55	Nonazeotrope		563
		"	82.9			v-1 937c
4029	C ₄ H ₁₀ O	Ethyl ether	34.5	Nonazeotrope		371,1033
4029a	C ₄ H ₁₀ O	Isobutyl alcohol	108	B.p. curve		
4030	C ₄ H ₁₀ O	Methyl propyl ether	38.95	Nonazeotrope		v-1 937c
4031	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	61.6	12	576
4032	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	133	Nonazeotrope		v-1 34

No.	B-Component		B.P., °C	Azeotropic Data		
	Formula	Name		B.P., °C	Wt. % A	Ref.
A =	C₃H₈O	Ethyl Alcohol (continued)	78.3			
4033	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.90	63.95	13.3	1035
4034	C ₄ H ₁₀ S	Ethyl sulfide	92.2	72.6	56	555
4035	C ₄ H ₁₁ ClSi	Chloromethyltrimethylsilane	97	72		907
4036	C ₄ H ₁₁ N	Butylamine	77.8	82.2	49	982
4037	C ₄ H ₁₁ N	Diethylamine	55.5	Nonazeotrope		981
4038	C ₅ H ₉ N	Pyridine	115.4	Nonazeotrope		553
4039	C ₅ H ₈ O	2-Methylfuran	63.8	< 60.5	< 15	575
4040	C ₅ H ₈	Isoprene	34.3	32.65	3	537
4041	C ₅ H ₈	3-Methyl-1,2-butadiene	40.8	~39		563
4042	C ₅ H ₈ O ₂	Ethyl acrylate		77.5	72.7	800
		“ 100 mm.	44.9	32	54.4	982
		“		Nonazeotrope v-l		591e
4043	C ₅ H ₁₀	Cyclopentane	49.4	44.7	7.5	567
4044	C ₅ H ₁₀	2-Methyl-1-butene	31.10	30.1	22 vol. %	826
4045	C ₅ H ₁₀	3-Methyl-1-butene	22.5	21.9	~2	537
4046	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		563
		“	37.15	37.3	~4	256,537
4047	C ₅ H ₁₀ O	Allyl ethyl ether	63-65	60.5		580
4048	C ₅ H ₁₀ O	Isopropyl vinyl ether,				
		737 mm.	54.8	52.6		981
4049	C ₅ H ₁₀ O	2-Pentanone	102.35	78	93.3	v-l 376
		“	102	77.7	91.17	215
		“	102	Effect of pressure		83
4050	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		552
4051	C ₅ H ₁₀ O	Propyl vinyl ether	65.1	60	18.4	981
4052	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	78.0	75	537
4053	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	77.0	67	536
4054	C ₅ H ₁₀ O ₂	Isopropyl acetate	91.0	76.8	53	536
		“		76.7	51	498c
4055	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	78.0	~83	536
4056	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	77.0		536
4057	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	78.18	~85	536
4058	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	118.2	77.3	72.0	388,573
				B.p. curve		
4059	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	74.8	41	573
4060	C ₅ H ₁₁ Cl	1-Chloropentane	108.35	72.5		409
4061	C ₅ H ₁₂	2-Methylbutane	27.95	26.75	3.5	537
4062	C ₅ H ₁₂	Pentane	36.15	34.3	5	537
4063	C ₅ H ₁₂ O	Amyl alcohol	137.8	Nonazeotrope v-l		376
4064	C ₅ H ₁₂ O	Butyl methyl ether	70.3	65.5	20	981
4065	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	61.2	25	573
4066	C ₅ H ₁₂ O	Isoamyl alcohol	131.8	Nonazeotrope		563
4067	C ₅ H ₁₂ O ₂	Diethoxymethane	87.5	74.2	42	324
4068	C ₅ H ₁₂ O ₂	2,2-Dimethoxypropane	80	Min. b.p.		594

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C_2H_6O	Ethyl Alcohol (<i>continued</i>)	78.3			
4069	$C_5H_{14}OSi$	Ethoxytrimethylsilane	75-76		30	192
			75	66.4		839
4070	C_6H_5Cl	Chlorobenzene	132.0	Nonazeotrope		574
4071	C_6H_5F	Fluorobenzene	85.15	70.0	25	545
4072	$C_6H_5NO_2$	Nitrobenzene	210.75	Nonazeotrope		554
4073	C_6H_6	Benzene	80.1	68.24	32.4	1044
		198 mm.		34.8	25	855
		382 mm.		50	25	855
		570 mm.		60	25	855
		711 mm.		66	25	855
		310 mm.		45	26.2	v-l 91
		180 mm.		32.5	23.2	v-l 698
		400 mm.		51.2	28.1	v-l 698
		168.4 mm.		29.97	21.33	v-l 952
		233.5 mm.		38.37	23.72	952
		336.4 mm.		47.15	26.32	952
		584 mm.		61.06	30.35	952
		209 mm.		35.0	24.3	735
		760 mm.		67.9	31.7	v-l 517,1011
		at crit. pt.		Nonazeotrope		v-l 888
		760 mm.				v-l 310
			80.1	68.1	31.6	v-l 1050
		600 mm.		61.6	30.4	v-l 1050
		450 mm.		54.1	29.1	v-l 1050
		384 mm.		50	27.4	v-l 1050
		300 mm.		44.2	26.6	v-l 1050
		5570 mm.		132.9	56	735
		11,720 mm.		166.9	69.5	735
		19,160 mm.		191.1	81	735
				See also Refs. 109, 178, 297, 834, 843, 944, 960, 964, 1043, 1073		
4074	$C_6H_6O_2$	Resorcinol	281.4	Nonazeotrope		813
4075	C_6H_7N	Aniline	184.35		v-l	390
4076	C_6H_8	1,3-Cyclohexadiene	80.8	66.7	34	563
4077	C_6H_8	1,4-Cyclohexadiene	85.6	68.5		563
4078	C_6H_{10}	Biallyl	60.2	53.5	13	563
4079	C_6H_{10}	Cyclohexene	82.7	66.7	34	537
4080	C_6H_{10}	1,3-Hexadiene	72.9	Min. b.p.		221
4081	C_6H_{10}	2,4-Hexadiene	82	Min. b.p.		221
4082	C_6H_{10}	1-Hexyne	70.2	62.8	23.2	377
4083	C_6H_{10}	3-Hexyne	80.5	67.5	34.4	377
4084	C_6H_{10}	Methylcyclopentene	75.85	63.3	28	567
4085	C_6H_{10}	3-Methylcyclopentene	64.9	57.2	20 vol. %	826
4086	C_6H_{10}	3-Methyl-1,3-pentadiene	77	Min. b.p.		221
4087	C_6H_{12}	Cyclohexane, 296 mm.		41.2	25.5	924
		420 mm.		49.3	27.3	924

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₆H₆O	Ethyl Alcohol (continued)	78.3			
		Cyclohexane, 643 mm.		60.8	29.8	924
		" 760 mm.		64.8	31.3	924
		" 760 mm.	80.8	64.9	40	413
		"	80.7	64.8	29.2 v-1	1049
		"	80.7	64.8	31.4 v-1	666
		" 430 mm.		50	27.7 v-1	666
		" 300 mm.		41.4	25.1 v-1	666
		"	80.75	64.9	30.5	563
4088	C ₆ H ₁₂	2-Ethyl-1-butene	64.95	57.0	23 vol. %	826
4089	C ₆ H ₁₂	1-Hexene	63.49	56.1	22 vol. %	826
		" 200 mm.		24.9	11.6	498m
		" 400 mm.		39.2	13.8	498m
		" 600 mm.		48.6	16.3	498m
		" 760 mm.	63.6	54.8	17.6	498m
4090	C ₆ H ₁₂	<i>cis</i> -2-Hexene	68.8	59.5	22 vol. %	826
4091	C ₆ H ₁₂	<i>cis</i> -3-Hexene	66.4	49.6	26 vol. %	826
4092	C ₆ H ₁₂	Methylcyclopentane	72.0	60.05	22.7 v-1	886
		"	72.0	60.3	25	567
4093	C ₆ H ₁₂	<i>cis</i> -3-Methyl-2-pentene	70.52	60.4	24 vol. %	826
4094	C ₆ H ₁₂	<i>trans</i> -3-Methyl-2-pentene	67.6	58.8	20 vol. %	826
4095	C ₆ H ₁₂	<i>trans</i> -4-Methyl-2-pentene	58.4	52.6	15 vol. %	826
4096	C ₆ H ₁₂ O	Butyl vinyl ether	94.2	73	48	982
4097	C ₆ H ₁₂ O	Isobutyl vinyl ether	83.4	69.2	33	982
4098	C ₆ H ₁₂ O	<i>trans</i> -2-Butenyl ethyl ether	100.45	77.5		580
4099	C ₆ H ₁₂ O	<i>cis</i> -2-Butenyl ethyl ether	100.3	76.2		580
4100	C ₆ H ₁₂ O	(1-Methylallyl) ethyl ether	76.65	69		580
4101	C ₆ H ₁₂ O	4-Methyl-2-pentanone	118	Nonazeotrope	v-1	654
4102	C ₆ H ₁₂ O ₂	Ethyl Isobutyrate	110.1	Nonazeotrope		536
4103	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	Nonazeotrope		536
4104	C ₆ H ₁₂ O ₃	Paraldehyde	124.5	Nonazeotrope		981
4105	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	51.5	12	567
4106	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	58.68	21.0	1044
		"	68.7	58.4	21.2 v-1	498
		" 674 mm.		55	23.5 v-1	1049
		" 670 mm.		55	20.5 v-1	498
		" 458 mm.		45	18.6 v-1	498
		" 301 mm.		35	16.1 v-1	498
		"	68.95	58	20.8 v-1	886
		" 1545 mm.			26.3 vol. %	719
4107	C ₆ H ₁₄	2-Methylpentane	60.27	53.1	12 vol. %	517
4108	C ₆ H ₁₄ O	<i>tert</i> -Butyl ethyl ether	73	66.6	21	256
4109	C ₆ H ₁₄ O	Ethyl butyl ether	92.2	73.8	49.3	982
4110	C ₆ H ₁₄ O	Isopropyl ether	68.3	64	17.1	982
4111	C ₆ H ₁₄ O	Propyl ether	90.4	74.4	44	556
4112	C ₆ H ₁₄ O ₂	Acetal	103.6	78.2	65.5	45,572
4113	C ₆ H ₁₄ O ₂	1,2-Diethoxyethane	121.1	Nonazeotrope		981
4114	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7	Nonazeotrope		1035

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₆O	Ethyl Alcohol (<i>continued</i>)	78.3			
4115	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		576
4116	C ₆ H ₁₅ BO ₃	Triethylborate	120	76.6	68	637,990
4117	C ₆ H ₁₅ N	Triethylamine	89.7	76.9	51	982
		"	89.4	~75		563
4118	C ₆ H ₁₆ SiO	Ethoxymethyltrimethylsilane	102	74		907
4119	C ₆ H ₁₆ O ₂ Si	Diethoxydimethylsilane	114	77	83	215
4120	C ₇ H ₈	Toluene	110.7	76.7	68	50,834,943
		"		0.5	45.5	814
		"		25	62.5	814
		"		50	64.5	814
		"		75.5	65.5	814
		"	35° C., 55° C.			v-1 489
		"	110.6	77.0	69.2	662
		"	710 mm.	—	75.0	68.5 662
		"	610 mm.	—	71.0	67.1 662
		"	510 mm.	—	66.5	65.6 662
		"	412 mm.	—	61.5	63.8 662
		"		110.7	76.5	66.7 v-1 390,517
		"	327 mm.		76.2	322
		"	800 mm.		81.6	322
4121	C ₇ H ₁₂	1,3-Heptadiene		Min. b.p.		221
4122	C ₇ H ₁₂	2,4-Heptadiene		Min. b.p.		221
4123	C ₇ H ₁₂	1-Heptyne	99.5	74.2	54.6	377
4124	C ₇ H ₁₂	5-Methyl-1-hexyne	90.8	71.0	39.8	377
4125	C ₇ H ₁₄	1,1-Dimethylcyclopentane	87.84		36	928
			87.85	68.0	37 vol. %	826
4126	C ₇ H ₁₄	<i>cis</i> -1,2-Dimethylcyclopentane	99.53	72.1	46 vol. %	826
		"	99.53		~47	928
4127	C ₇ H ₁₄	<i>trans</i> -1,2-Dimethylcyclopentane			~39	928
		"	91.87	69.6	39 vol. %	826
4128	C ₇ H ₁₄	<i>cis</i> -1,3-Dimethylcyclopentane	91.73	69.5	38 vol. %	826
4129	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethylcyclopentane	90.77	69.1	37 vol. %	826
		"	90.77		~37	928
4130	C ₇ H ₁₄	2,3-Dimethyl-1-pentene	84.2	67.1	35 vol. %	826
4131	C ₇ H ₁₄	Ethylcyclopentane	103.47	73.1	48 vol. %	826
		"	103.45		~48	928
4132	C ₇ H ₁₄	Methylcyclohexane	100.8	72.1	47	50
		"	100.95	71.95		572
				v-1, at 35.55°C.		490
4133	C ₇ H ₁₄	1,1,2,2-Tetramethylcyclopropane	75.9	62.6	30 vol. %	826
4134	C ₇ H ₁₆	2,2-Dimethylpentane	79.20	63.9	25 vol. %	826
		"	79.1		~26	928

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₆O	Ethyl Alcohol (continued)	78.3			
4135	C ₇ H ₁₆	2,3-Dimethylpentane	89.79		~36	928
		"	89.78	68.6	34 vol. %	826
4136	C ₇ H ₁₆	2,4-Dimethylpentane	80.50	64.6	29 vol. %	826
		"	80.8		29	928
4137	C ₇ H ₁₆	3,3-Dimethylpentane	86.0		32	928
		"	86.07	67.1	38 vol. %	826
4138	C ₇ H ₁₆	3-Ethylpentane	93.47	70	38 vol. %	826
		"	93.5		35	928
4139	C ₇ H ₁₆	Heptane	98.45	70.9	49	537
		"	98.4	72	48 v-l	
						390,697,982
		" 180 mm.		37.5	43 v-l	439
		" 400 mm.		54.5	43 v-l	439
		" 750 mm.		71.0	45 v-l	439
		" 393 p.s.i.a		194.0	78.1 v-l	697
		" 220 p.s.i.a		169.0	67.0 v-l	697
		" 139 p.s.i.a.		147.7	62.5 v-l	697
		" 110 p.s.i.a.		135.5	60.6 v-l	697
		" 753 mm.		70	47 v-l	779c
		" 1155 mm.		80	48 v-l	779c
		" 1675 mm.		90	48 v-l	779c
4140	C ₇ H ₁₆	2-Methylhexane	90.05	68.7	36 vol. %	826
		"	90.0		~36	928
4141	C ₇ H ₁₆	3-Methylhexane	91.8		~36	928
		"	91.85	69.3	36 vol. %	826
4142	C ₇ H ₁₆ O	<i>tert</i> -Amyl ethyl ether	101.2	66.6	21	256
4143	C ₈ H ₈	Styrene	145.8	Nonazeotrope		545
4144	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		537
		"	—	Nonazeotrope	v-l	308,587
4145	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		537
4146	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		545
4147	C ₈ H ₁₀	<i>p</i> -Xylene	138.3	Nonazeotrope	v-l	308,308c
4148	C ₈ H ₁₆	1,1-Dimethylcyclohexane	119.54	76.2	65 vol. %	826
		"			~36	928
4149	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	175.8	70	575
4150	C ₈ H ₁₆	<i>cis</i> -1,4-Dimethylcyclohexane			~70	928
		"	124.32	76.9	70 vol. %	826
4151	C ₈ H ₁₆	<i>trans</i> -1,3-Dimethylcyclohexane	124.45	76.9	70 vol. %	826
4152	C ₈ H ₁₆	<i>trans</i> -1,4-Dimethylcyclohexane	119.35	76.2	64 vol. %	826
		"			~64	928
4153	C ₈ H ₁₆	1-Ethyl-1-methylcyclopentane	121.52	76.5	66 vol. %	826
4154	C ₈ H ₁₆	1, <i>cis</i> -2, <i>trans</i> -3-Trimethylcyclopentane	117.5	75.9	62 vol. %	826

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₆O	Ethyl Alcohol (continued)	78.3			
4155	C ₈ H ₁₆	<i>cis-trans-cis</i> -1,2,4-Trimethylcyclopentane			~ 52	928
4156	C ₈ H ₁₆	1, <i>trans</i> -2, <i>cis</i> -4-Trimethylcyclopentane	109.29	74.3	52 vol. %	826
4157	C ₈ H ₁₆	2,4,4-Trimethyl-2-pentene	104.91	73.9	50 vol. %	826
4158	C ₈ H ₁₈	2,2-Dimethylhexane	106.84	73.6	46 vol. %	826
		"	106.84		36	928
4159	C ₈ H ₁₈	2,3-Dimethylhexane	115.8		55	928
		"	115.61	75.5	57 vol. %	826
4160	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	73.6	59	545
4161	C ₈ H ₁₈	3,4-Dimethylhexane	117.9		60	928
		"	117.73	75.8	60 vol. %	826
4162	C ₈ H ₁₈	2-Methylheptane	117.65	75.8	59 vol. %	826
		"	117.2		59	928
4163	C ₈ H ₁₈	3-Methylheptane	119.0		61	928
		"	118.93	76.0	61 vol. %	826
4164	C ₈ H ₁₈	4-Methylheptane	117.71	75.8	61 vol. %	826
		"	118		61	928
4165	C ₈ H ₁₈	Octane	125.6	77	78	537
		" 189.8 mm.		45	66.5	72c
		" 304.6 mm.		55	67.8	72c
		" 473.3 mm.		65	69.2	72c
		" 712.1 mm.		75	70.6	72c
4166	C ₈ H ₁₈	2,2,3-Trimethylpentane	109.8		53	928
		"	109.84	74.3	53 vol. %	826
4167	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.24	71.8	40 vol. %	826
		" 96.1 mm.	—	25	30.4 v-l	488
		" 318.8 mm.	—	50	36.7 v-l	488
		"	—	0	24.8	488
		"	99.3	<72.4	<53	575
4168	C ₈ H ₁₈	2,3,3-Trimethylpentane	113.6		57	928
		"	114.76	75.3	56 vol. %	826
4169	C ₈ H ₁₈	2,3,4-Trimethylpentane	113.47	75.1	57 vol. %	826
		"	113.4		57	928
4170	C ₈ H ₁₈ O	Butyl ether	142.1	Nonazeotrope		981
4171	C ₈ H ₁₈ O	Isobutyl ether	122.1	Nonazeotrope		556
4172	C ₈ H ₁₈ O ₂	2-Ethyl-1,3-hexanediol	243.1	Nonazeotrope		981
4173	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
4174	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		537
4175	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
4176	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		537
4177	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		537
4178	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		537
4179	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		528
		"	155.8	Min.b.p.		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₆O	Ethyl Alcohol (<i>continued</i>)	78.3			
4180	C ₁₀ H ₁₆	α-Terpinene	173.4	Nonazeotrope		575
4181	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		537
4182	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	Nonazeotrope		537
A =	C₂H₆O	Methyl Ether	— 23.65			
4183	C ₃ H ₉ N	Trimethylamine	3.5	Nonazeotrope		378
A =	C₂H₆OS	Dimethylsulfoxide				
4183a	C ₄ H ₁₀ O	Butyl alcohol	120.2	Nonazeotrope	v-l	145c
		"	150.3	Nonazeotrope	v-l	145c
4184	C ₆ H ₆	Benzene, 25°-70°		V.p. curve		449
A =	C₂H₆O₂	Glycol	197.4			
4185	C ₂ H ₇ NO	2-Aminoethanol	170.8	Nonazeotrope		527
4186	C ₃ H ₄ O ₃	Ethylene carbonate,				
		10 mm.		88	13.9	747
		" 25 mm.		107	7.5	747
		" 50 mm.		122	2.6	747
		" 72 mm.		163	0	747
4187	C ₃ H ₃ Cl ₃	1,2,3-Trichloropropane	156.85	150.8	13	573
4188	C ₃ H ₃ I	3-Iodopropene	101.8	<101.5	<1.5	575
4189	C ₃ H ₆ Br ₂	1,2-Dibromopropane	140.5	139.0	6	567
4190	C ₃ H ₆ Br ₂	1,3-Dibromopropane	166.9	160.2	10.2	527
4191	C ₃ H ₈ Cl ₂ O	1,3-Dichloro-2-propanol	175.8	Nonazeotrope		541
4192	C ₃ H ₈ Cl ₂ O	2,3-Dichloro-1-propanol	182.5	Nonazeotrope		575
4193	C ₃ H ₇ ClO	1-Chloro-2-propanol	127.5	Nonazeotrope		575
4194	C ₃ H ₇ NO	Propionamide	222.1	Nonazeotrope		527
4195	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	Nonazeotrope		527
4195a	C ₃ H ₈ O	Propyl alcohol				
		750 mm.	97	Nonazeotrope	v-l	882c
4196	C ₃ H ₈ O ₃	Glycerol	290.5	Nonazeotrope		575
4197	C ₄ H ₅ N	Pyrrrol	130.0	Nonazeotrope		527
4198	C ₄ H ₅ NS	Allyl isothiocyanate	152.05	<151.8		575
4199	C ₄ H ₆ O ₄	Methyl oxalate	164.2	~163.5	~15	530
4200	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.8	157.3	12	527
4201	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	Nonazeotrope		575
4202	C ₄ H ₈ Br ₂ O	Bis(2-bromoethyl) ether,				
		760 mm.		180-185	~50	215
		50 mm.		105-115	~50	215
4203	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178	170.5	12.5	121
		"	178.65	171.05	21	556
		" 50 mm.	96	92.7		982
		"	178.6	164	17.8	183
4204	C ₄ H ₈ Cl ₂ S	Bis(2-chloroethyl) sulfide	216.8	186.0?		575
4204a	C ₄ H ₈ O	Tetrahydrofuran	66	Nonazeotrope	v-l	859c
4205	C ₄ H ₈ OS	Ethyl thioacetate	116.8	Nonazeotrope		575
4206	C ₄ H ₈ O ₂	Dioxane	101.4	Nonazeotrope		201
4207	C ₄ H ₈ O ₂	2-Vinyloxethanol	143		13	263

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₆O₂	Glycol (continued)	197.4			
4208	C ₄ H ₈ O ₃	Ethylene glycol monoacetate				413
		" 150 mm.		Nonazeotrope		413
		"	190.9	184.75	25	569
4209	C ₄ H ₉ Br	1-Bromobutane	101.5	101.3	1.7	575
4210	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	< 91.35	< 0.8	575
4211	C ₄ H ₉ I	1-Iodobutane	130.4	128.5	5	567
4212	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	119.5	3.5	575
4213	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		535
4214	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		527
4215	C ₅ H ₅ N	Pyridine	115	Nonazeotrope		791
4216	C ₅ H ₉ ClO ₂	Propyl chloroacetate	163.5	162	20	575
4217	C ₅ H ₁₀ O ₃	Ethyl carbonate	125.9	Nonazeotrope		537
4218	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		575
4219	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	119.45	5.5	527
4220	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	143.0	7	567
4221	C ₅ H ₁₂ O	Isoamyl alcohol	131.35	Nonazeotrope		527
4222	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		526
4223	C ₅ H ₁₂ O ₃	2-(2-Methoxyethoxy) ethanol	194.2	192	30	129,527, 808,982
		2-(2-Methoxyethoxy)- ethanol 50 mm.		114	4.0	129,527, 808,982
		" 200 mm.		149	12.0	
4224	C ₆ H ₅ Cl ₃	1,3,5-Trichlorobenzene	208.4	181.0		567
4225	C ₆ H ₄ BrCl	<i>p</i> -Bromochlorobenzene	196.4	173.8	28	567
4226	C ₆ H ₄ Br ₂	<i>p</i> -Dibromobenzene	220.25	183.9	32.5	574
4227	C ₆ H ₄ ClNO ₂	<i>m</i> -Chloronitrobenzene	235.5	192.5	53	554
4228	C ₆ H ₄ ClNO ₂	<i>o</i> -Chloronitrobenzene	246.0	193.5	68	554
4229	C ₆ H ₄ ClNO ₂	<i>p</i> -Chloronitrobenzene	239.1	192.85	57.8	554
4230	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	165.8	20	567
4231	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.35	163	~23	573
		"	174.35	162.7	18	574
4232	C ₆ H ₅ Br	Bromobenzene	156.15	150.2	12.5	530
4233	C ₆ H ₅ Cl	Chlorobenzene	132	130.05	5.6	526
4234	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	175.8	Nonazeotrope		575
4235	C ₆ H ₅ ClO	<i>p</i> -Chlorophenol	219.75	Nonazeotrope		535
4236	C ₆ H ₅ I	Iodobenzene	188.55	171.5		573
4237	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	185.9	59	554
4238	C ₆ H ₅ NO ₃	<i>o</i> -Nitrophenol	217.2	189.35	49	527
4239	C ₆ H ₆	Benzene	80.2	Nonazeotrope		537
4240	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		542,368, 374
		"	181.5	199	78	563
4241	C ₆ H ₆ O ₂	Pyrocatechol	245.9	Nonazeotrope		564

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₆O₂	Glycol (continued)	197.4			
4242	C ₆ H ₇ N	Aniline	184.35	180.55	24	551
		" 37.1 mm.		95	8.75 v-1	181
		" 104.7 mm.		120	12.7 v-1	181
		" 257.9 mm.		145	16.8 v-1	181
4243	C ₆ H ₇ N	2-Picoline	128.8	Nonazeotrope		791
4244	C ₆ H ₇ N	3-Picoline	143.5	Nonazeotrope		790,791
4245	C ₆ H ₈ N ₂	o-Phenylenediamine	258.6	Nonazeotrope		527
4246	C ₆ H ₈ O ₄	Methyl maleate	204.05	189.6	42	570
4247	C ₆ H ₉ N	N-Ethylpyrrol	130.4	Nonazeotrope		575
4248	C ₆ H ₁₀	Cyclohexene	82.7	Nonazeotrope		540
4249	C ₆ H ₁₀ O ₂	2-5-Hexadione	191.3	<180.5	< 45	552
4250	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	167.45	8.2	527
4251	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	176.5	25	575
		"	185.0	Reacts		563
4252	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	<179.5	< 24	575
4253	C ₆ H ₁₀ O ₄	Methyl succinate	195	Reacts		563
4254	C ₆ H ₁₁ ClO ₂	Butyl chloroacetate	181.9	176.0	30	526
4255	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		537
4256	C ₆ H ₁₂	Methylcyclohexane	72.0	Nonazeotrope		575
4257	C ₆ H ₁₂ O	Cyclohexanol	160.65	Nonazeotrope		530
4258	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		575
4259	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		575
4260	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		536
4261	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		526
4262	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	Nonazeotrope		556
4263	C ₆ H ₁₃ Br	1-Bromohexane	156.5	150.5	14	567
4264	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		575
4265	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		575
4266	C ₆ H ₁₄ O	Hexyl alcohol	157.8	Nonazeotrope		573
4267	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		535
4268	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		526
4269	C ₆ H ₁₄ O ₂	Pinacol	174.35	Nonazeotrope		530
4270	C ₆ H ₁₄ O ₃	2-(2-Ethoxyethoxy)				
		ethanol	202.8	192	45.5	808,982
		" 100 mm.	137.3	134	33	982
		" 36 mm		108.5	26.6	707
		" 10 mm.		85.4	20.5	313
		"		194.0	46.0	313
4271	C ₇ H ₂ Cl ₃	α,α,α-Trichlorotoluene	220.9	Reacts		535
4272	C ₇ H ₅ N	Benzonitrile	191.3	186.5		563
4273	C ₇ H ₅ Cl ₂	α,α-Dichlorotoluene	205.1	Nonazeotrope		542
4274	C ₇ H ₆ O	Benzaldehyde	179.2	<173.5	> 15	575
4275	C ₇ H ₇ Br	m-Bromotoluene	184.3	168.3	23	527
4276	C ₇ H ₇ Br	o-Bromotoluene	181.75	166.8	25	528
4277	C ₇ H ₇ Br	p-Bromotoluene	~ 184.5	169.2	30	573
4278	C ₇ H ₇ Cl	α-Chlorotoluene	179.3	~ 167.0	~ 30	530

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₆O₂	Glycol (continued)	197.4			
4279	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	152.5	13	567
4280	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	155.0		573
4281	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	181.5	30	567
4282	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	192.5	57?	554
4283	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	188.55	48.5	554
4284	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	192.4	63.5	554
4285	C ₇ H ₈	Toluene	110.75	110.20	6.5	573
		"	110.6	110.1	2.3	982
4286	C ₇ H ₈ O	Anisole	153.85	150.45	10.5	530
4287	C ₇ H ₈ O	Benzyl alcohol	205.25	193.35	53.5	549
		"	205.2	193.1	56	183
4288	C ₇ H ₈ O	<i>m</i> -Cresol	202.1	195.2	60	541
		"	202.4		61 v-1	730
4289	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	189.6	27	574
		"	191	189.52	26	505
4290	C ₇ H ₈ O	<i>p</i> -Cresol	202.0		59.5 v-1	730
		"	201.6	195.2	53.5	528
4291	C ₇ H ₈ O ₂	Guaiacol	205.1	190.4	46	556
4292	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	243.8	195.5	~ 80	575
4293	C ₇ H ₉ N	2,6-Lutidine	142	Nonazeotrope		791
4294	C ₇ H ₉ N	<i>N</i> -Methylaniline,				
		31.8 mm.		95	22.9 v-1	181
		95.3 mm.		120	26.6 v-1	181
		244 mm.		145	30.0 v-1	181
		"	196.25	181.6	40.2	551
4295	C ₇ H ₉ N	<i>m</i> -Toluidine	200.3	188.55	42	551
4296	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	186.45	42.5	551
4297	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	187.0	27	551
4298	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	< 193.5	< 59	551
4299	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9	Reacts		563
4300	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	195.0	< 187.5	> 38	575
4301	C ₇ H ₁₄	Methylcyclohexane	101.1	100.8	~ 4	537
4302	C ₇ H ₁₄ O ₂	Amyl acetate	148.7	147.6	6	564
4303	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	< 146.0	< 7	575
4304	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		575
4305	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	144.7	3	564
4306	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	141.95	~ 3	536
4307	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		575
4308	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	148.0	7	575
4309	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	142.7	~ 3	536
4310	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		575
4311	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	< 171.0	< 12	575
4312	C ₇ H ₁₆	Heptane	98.45	97.9	3	563
4313	C ₇ H ₁₆ O	Heptyl alcohol	176.15	174.1	20	564

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₆O₂	Glycol (continued)	197.4			
4314	C ₈ H ₇ N	Indole	253.5	Nonazeotrope		575
4315	C ₈ H ₈	Styrene	145.8	139.5	16.5	537
4316	C ₈ H ₈ O	Acetophenone	202.0	185.65	52	552
		“ 5-6 mm.		63.0	19.2	581c
4317	C ₈ H ₈ O ₂	Benzyl formate	202.3	Reacts		535
4318	C ₈ H ₈ O ₂	Methyl benzoate	199.45	182.2	36.5	530
4319	C ₈ H ₈ O ₂	Phenyl acetate	195.7	182.9	34	530
4320	C ₈ H ₈ O ₃	Methyl salicylate	222.35	188.8	48	574
4321	C ₈ H ₁₀	Ethylbenzene	136.15	133.0	13.5	537
4322	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	135.6	~ 15	574
		“	139.1	135.1	6.55	856
4323	C ₈ H ₁₀	<i>o</i> -Xylene	144.4	135.7	6.9	982
		“	143.6	139.6	16	537
4324	C ₈ H ₁₀	<i>p</i> -Xylene	138.3	136.95	14.5	537
		“	138.4	134.5	6.42	856
4325	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	159.8	18	567
4325a	C ₈ H ₁₀ O	2,6-Dimethylphenol				
		“ 25 mm.		102	20	738c
		“ 50 mm.		116	24	738c
		“ 100 mm.		132	28	738c
		“ 200 mm.		149	32	738c
		“ 735 mm.		189	40	738c
4326	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	166.6	22.8	541
4327	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		556
4328	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	194.4	69	549
4329	C ₈ H ₁₀ O	Phenetole	170.45	161.45	19	545
4330	C ₈ H ₁₀ O	3,4-Xylenol	226.8	197.2	89	564
4331	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	192.6		545
4332	C ₈ H ₁₀ O ₂	Veratrol	205.5	178.5	35	574
4333	C ₈ H ₁₁ N	Dimethylaniline	194.05	178.55	33.5	551
		“ 39.3 mm.		95	17.6	v-1 181
		“ 115 mm.		120	21.8	v-1 181
		“ 293 mm.		145	26.5	v-1 181
4334	C ₈ H ₁₁ N	<i>s</i> -Collidine	171.3	170.5	9.7	505
		“	171	170.7	8.8	791
4335	C ₈ H ₁₁ N	2,4-Xylidine	214.0	188.6	47	551
4336	C ₈ H ₁₁ N	3,4-Xylidine	225.5	<189.0	< 91.6	551
4337	C ₈ H ₁₁ N	Ethylaniline	205.5	183.7	43	551
4338	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	194.8	67.8	551
4339	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	197.35	97	551
4340	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	189.35	48.5	569
4341	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	193.1	55	570
4342	C ₈ H ₁₄ O	Methyl heptenone	173.2	168.1	23	552
4343	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	Reacts		535
4344	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	119.2	9	575
4345	C ₈ H ₁₆ O	2-Octanone	172.85	168.0	20	552
4346	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	160.6	16	564

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₆O₂	Glycol (continued)	197.4			
4347	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	155.5	12	536
4348	C ₈ H ₁₆ O ₂	Isobutyl butyrate	155.7	153.7	10	564
4349	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	147.5	6	564
4350	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	~ 152	10	536
4351	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)ethyl acetate	218.5	195.0		575
4352	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	108.65	7.5	575
4353	C ₈ H ₁₈	Octane	125.75	123.5	11.5	567
4354	C ₈ H ₁₈ O	Butyl ether	142.1	140.0	10	545
		"	142.1	139.5	6.4	981,982
4355	C ₈ H ₁₈ O	Isobutyl ether	122.1	121.9	7	576
4356	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	184.35	36.5	549
4357	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	175.55	21	549
4358	C ₈ H ₁₈ O ₂	2-(2-Butoxyethoxy)ethanol	230.4	196.2	72.5	129,808
4359	C ₈ H ₁₈ O ₃	Bis(2-ethoxyethyl)ether	186	178.0	26.1	129
4360	C ₈ H ₁₉ NO	2-Diisopropylamino-ethanol, 10 mm.	79	74	10	982
		" 50 mm.	111	104	15	982
		" 100 mm.	127	121	18	982
4361	C ₉ H ₇ N	Isoquinoline	240.3	Nonazeotrope		575
4362	C ₉ H ₇ N	Quinoline	237.3	196.35	79.5	553
4363	C ₉ H ₈	Indene	183.0	168.4	26	541
4364	C ₉ H ₈ O	Cinnamaldehyde	253.5	Nonazeotrope		575
4365	C ₉ H ₉ N	β -Methylindole	266.5	Nonazeotrope		575
4366	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	192.2	60	552
4367	C ₉ H ₁₀ O	Propiophenone	217.7	190.2	57	552
4368	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	186.5	45	536
4369	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	186.1	46	570
4370	C ₉ H ₁₀ O ₃	Ethyl salicylate	234.0	190.7	51.5	542
4371	C ₉ H ₁₂	Cumene	152.8	147.0	18	567
4372	C ₉ H ₁₂	Mesitylene	164.6	156	13	573
4373	C ₉ H ₁₂	Propylbenzene	158.8	152	19	526
4374	C ₉ H ₁₂	Pseudocumene	168.2	<157.7	83.2	541
4375	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	169.0	22	545
4375a	C ₉ H ₁₂ O	α,α -Dimethylbenzyl alcohol 5-6 mm.		74.5	17.1	581c
4376	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	195.5	75	550
4377	C ₉ H ₁₂ O	Phenyl propyl ether	190.2	171.0	26	538
4378	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	169.3	23	551
4379	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	182.0	47	551
4380	C ₉ H ₁₄ O	Phorone	197.8	184.5	50	552
		Phorone	197.8	184.5	42	181
4381	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	164.2	35	552
4382	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	169.0	23	564
4383	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	174.0	30	575
4384	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	167.9	24.5	536
4385	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	168.5	161.5	20	536

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₆O₂	Glycol (continued)	197.4			
4386	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.4	163.7	21.7	541
4387	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	175.5	31	563
4388	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	<180.5	28	567
4389	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.8	194.95	71.2	541
4390	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	192.9	65.2	541
4391	C ₁₀ H ₈	Naphthalene	218.05	183.9	51	528
		"	217.9	183.6	46	413
4392	C ₁₀ H ₁₀ O ₂	Isosafrol	252.1	192.8	64	574
4393	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	196.2	85	574
4394	C ₁₀ H ₁₀ O ₂	Safrol	235.9	190.05	55	574
4395	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.7	Nonazeotrope		564
4396	C ₁₀ H ₁₂ O	Anethole	235.7	189.35	56	527
4397	C ₁₀ H ₁₂ O	Estragol	215.6	182.3	40	545
4398	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.7	190.0	54	536
4399	C ₁₀ H ₁₂ O ₂	Eugenol	255.0	196.8	90	556
4400	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	Nonazeotrope		575
4401	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	190.35	55	570
4402	C ₁₀ H ₁₄	Butylbenzene	183.1	166.2	27	567
4403	C ₁₀ H ₁₄	Cymene	176.7	163.2	25.5	537
4404	C ₁₀ H ₁₄ O	Carvone	231.0	192.5	60.8	552
4405	C ₁₀ H ₁₄ O	Thymol	232.9	195.5	62	564
4406	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235	192.5	53	538
4407	C ₁₀ H ₁₅ N	Diethylaniline	217.05	183.4	33	551
4408	C ₁₀ H ₁₆	Camphene	159.5	152.5	20	528
4409	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	163.5	26	537
4410	C ₁₀ H ₁₆	Nopinene	163.8	155.0	19	526
4411	C ₁₀ H ₁₆	α -Pinene	155.8	149.5	18.5	540
4412	C ₁₀ H ₁₆	α -Terpinene	173.4	161.0	23.5	567
4413	C ₁₀ H ₁₆	γ -Terpinene	183	166.5	26	575
4414	C ₁₀ H ₁₆	Terpinolene	184.6	167.4	28.5	567
4415	C ₁₀ H ₁₆	Thymene	179.7	164.5	27.5	573
4416	C ₁₀ H ₁₆ O	Camphor	209.1	186.15	40	552
4417	C ₁₀ H ₁₆ O	Pulegone	223.8	191.2	58	552
4418	C ₁₀ H ₁₈	<i>m</i> -Menthene-8	170.8	159.5	~ 21	575
4419	C ₁₀ H ₁₈ O	Borneol	215.0	189.25	54.2	549
4420	C ₁₀ H ₁₈ O	Cineol	176.4	164.75	~ 15	528
4421	C ₁₀ H ₁₈ O	Citronellal	207.8	~ 188.5	~ 53	574
4422	C ₁₀ H ₁₈ O	Geraniol	229.6	194.65	67.5	549
4423	C ₁₀ H ₁₈ O	Linalool	198.6	182.2	40	549
4424	C ₁₀ H ₁₈ O	Menthone	209.5	<190.0	< 62	552
4425	C ₁₀ H ₁₈ O	α -Terpineol	218.85	189.55	56	549
4426	C ₁₀ H ₁₈ O	β -Terpineol	210.5	188.4	50	527
4427	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	Nonazeotrope		575
4428	C ₁₀ H ₂₀ O	Citronellol	224.4	193.5	63	549
4429	C ₁₀ H ₂₀ O	Menthol	216.3	188.55	51.5	549
4430	C ₁₀ H ₂₀ OS	2-Hexylthioethyl vinyl ether		Min. b.p.		953

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₈O₂	Glycol (continued)	197.4			
4431	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	182.5	41	575
4432	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	114.85	27.2	541
4433	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	186.0	45	567
4434	C ₁₀ H ₂₂	Decane	173.3	161.0	23	567
4435	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	< 153.0	< 21	575
4436	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8	193.0	67	545
4437	C ₁₀ H ₂₂ O	Amyl ether	187.5	168.8	26	556
4438	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	162.8	19	573
4439	C ₁₀ H ₂₂ O ₃	Isoamyl carbonate	232.2	188.45	49	566
4440	C ₁₀ H ₂₂ O ₄	Tripropylene glycol methyl ether		192	82	v-1 215
		"	243	138.5	77.2	215
		"		111.5	75.1	215
4441	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1	190.25	60	574
4442	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	189.1	57.2	527
4443	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	197.0	72	567
4444	C ₁₁ H ₁₄ O ₂	1-Allyl 3,4-dimethoxy- benzene	255.2	195.1	68.5	574
4445	C ₁₁ H ₁₄ O ₂	Butyl benzoate	251.2	193.2	68	535
4446	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenyl- benzene	270.5	196.5	80	545
4447	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	192.0	63	574
4448	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	183.0	40	575
4449	C ₁₁ H ₂₀ O	Methyl isobornyl ether	192.2	191	< 25	563
4450	C ₁₁ H ₂₀ O	Methyl terpineol ether	216.2	184.5	40	538
4451	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	190.8		575
4452	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	188.45	46	568
4453	C ₁₂ H ₁₀	Acenaphthene	277.9	194.65	74.2	541
4454	C ₁₂ H ₁₀	Biphenyl	256.1	192.25	66.5	568
4455	C ₁₂ H ₁₀ O	Phenyl ether	259.3	193.05	60	542
		" 50 mm.	161.0	120.4	62.3	982
		"	259.3	192.3	64.5	181
4456	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05	193.95	66.2	574
4457	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.4	183	49	573
4458	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	190.0	53	536
4459	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	177.0	34	567
4460	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	176.5	33	556
4461	C ₁₂ H ₂₆	Dodecane, 748 mm.	216	179		424
		" 200 mm.		142		424
		" 150 mm.		135		424
		" 100 mm.		125		424
		" 50 mm.		110		424
4462	C ₁₂ H ₂₆ O	Hexyl ether, 50 mm.	137.0	112.8	35.6	982
4463	C ₁₃ H ₁₀	Fluorene	296.4	196.0	82	564
4464	C ₁₃ H ₁₀ O ₂	Phenyl benzoate	315	Nonazeotrope		575
4465	C ₁₃ H ₁₂	Diphenylmethane	265.6	193.3	68.5	574

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₂H₆O₂	Glycol (continued)	197.4			
4466	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	195.5	87	567
4467	C ₁₃ H ₂₈	Tridecane	234.0	188.0	55	526
4468	C ₁₄ H ₁₀	Anthracene	340	197	98.3	887
4469	C ₁₄ H ₁₂	Stilbene	306.4	196.8	87	564
4470	C ₁₄ H ₁₂ O ₂	Benzyl benzoate	324	Nonazeotrope		575
4471	C ₁₄ H ₁₄	1,2-Diphenylethane	284	195.2	77	537
4472	C ₁₄ H ₁₄ O	Benzyl ether	297	<196.5	<96	575
4473	C ₁₄ H ₃₀	Tetradecane, 748 mm.	252.5	187.5		424
		" 200 mm.		150.5		424
		" 133 mm.		142.5		424
		" 118 mm.		118		424
4474	C ₁₆ H ₃₄ O	2-Ethylhexyl ether,				
		" 10 mm.	135	87		982
A =	C₂H₆S	Ethanethiol	35.8			
4475	C ₂ H ₆ S	Methyl sulfide	37.4	< 34.8	< 62	575
4476	C ₃ H ₆ O	Acetone	56.25	Nonazeotrope		563
4477	C ₃ H ₇ Cl	2-Chloropropane	36.25	36.15	~ 45	563
4478	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		566
4479	C ₃ H ₈ O ₂	Methylal	42.3	34.5	> 80	566
4480	C ₃ H ₁₀ O	Ethyl ether	34.6	34.0	35	566
4481	C ₃ H ₈	Isoprene	34.1	Reacts		563
4482	C ₅ H ₁₀	Cyclopentane	49.263	34.95	89	202
4483	C ₅ H ₁₀	2-Methyl-2-butene	37.15	32.95	~ 60	563
4484	C ₅ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		575
4485	C ₅ H ₁₂	2-Methylbutane	27.854	25.72	29	202
		"	27.95	Nonazeotrope		563
4486	C ₅ H ₁₂	Pentane	36.074	30.46	51	202,563
4487	C ₆ H ₁₄	2,2-Dimethylbutane	49.743	34.41	83	202
A =	C₂H₆S	Methyl Sulfide	37.3			
4488	C ₃ H ₆ O	Acetone	56.25	Nonazeotrope		563
4489	C ₃ H ₇ Cl	1-Chloropropane	46.6	Nonazeotrope		563
4490	C ₃ H ₇ Cl	2-Chloropropane	36.25	36		563
4491	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	< 36.6	> 19	566
4492	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		550
4493	C ₃ H ₈ O	Isopropyl alcohol	82.4	Nonazeotrope		566
4494	C ₃ H ₈ O ₂	Methylal	42.25	35.7		555
4495	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		575
4496	C ₄ H ₉ ClO	Chloroethyl ethyl ether	98.5	Nonazeotrope		566
4497	C ₄ H ₁₀ O	tert-Butyl alcohol	82.45	Nonazeotrope		566
4498	C ₄ H ₁₀ O	Ethyl ether	34.6	34.0	20	566
4499	C ₄ H ₁₀ O	Methyl propyl ether	38.95	< 37.0	> 65	575
4500	C ₅ H ₈	Isoprene	34.3	32.5	35	566
4501	C ₅ H ₁₀	Cyclopentane	49.35	37.09	87.5	205
4502	C ₅ H ₁₀	2-Methyl-2-butene	38.60	34.83	53.6	205,555
4503	C ₅ H ₁₀	2-Methyl-1-butene	31.25	30.64	17.0	205

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₆O₂	Methyl Sulfide (<i>continued</i>)	37.3			
4504	C ₃ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		566
4505	C ₃ H ₁₂	2-Methylbutane	27	27.3	15	531
		2-Methylbutane	27.90	26.62	25.0	205
4506	C ₃ H ₁₂	Pentane	36.15	31.80	46.6	205
		"	36.15	~ 33.5	~ 45	531
4507	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		566
4508	C ₆ H ₁₄	2,2-Dimethylbutane	49.70	36.50	79.8	205
A =	C₂H₆SO₄	Methyl Sulfate	189.1			
4509	C ₃ H ₁₀ O ₂	Isovaleric acid	176.5	<175.0	< 40	575
4510	C ₃ H ₁₀ O ₂	Valeric acid	186.35	<182	< 60	575
4511	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.6	Nonazeotrope		547
4512	C ₆ H ₅ Br	Bromobenzene	156.1	Nanozeotrope		547
4513	C ₆ H ₅ I	Iodobenzene	188.45	<184	> 50	547
4514	C ₆ H ₆ O	Phenol	181.5	Reacts		563
4515	C ₈ H ₁₀ O ₄	Ethyl oxalate	185	Nonazeotrope		563
4516	C ₆ H ₁₃ Br	1-Bromohexane	156.5	Nanozeotrope		575
4517	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	<181.5	< 27	575
4518	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	<179.5	< 28	575
4519	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185	181.5		563
4520	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	Nonazeotrope		563
4521	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		547
4522	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Reacts		542
4523	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		557
4524	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	<182.8	< 47	557
4525	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	185.5	38	575
4526	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	179.5	18	575
4527	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	~173		563
4528	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	185.8	63	549
4529	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.2	<185.5	< 70	557
A =	C₂H₆S₂	Methyl Disulfide	109.44			
4530	C ₈ H ₆ S	2-Methylthiophene	111.92	Nonazeotrope		205
4531	C ₈ H ₁₂ S	Ethyl isopropyl sulfide	107.22	106.37		205
4532	C ₇ H ₈	Toluene	110.85	108.93		205
4533	C ₇ H ₁₄	Methylcyclohexane	101.05	98.92	28.6	205
4534	C ₇ H ₁₆	Heptane	98.40	96.44	26.3	205
4535	C ₈ H ₁₈	<i>trans</i> -1,3-Dimethylcyclohexane	120.30	107.22	73.3	205
4536	C ₈ H ₁₈	2,3-Dimethylhexane	109.15	102.84	48.2	205
4537	C ₈ H ₁₈	2-Methylheptane	117.70	106.22	69.5	205
A =	C₂H₇N	Dimethylamine	6.8			
4538	C ₃ H ₉ N	Trimethylamine	3.5	3	26	818
		" 107 p.s.i.g.		73	72	818
		" 370 p.s.i.g.		Nonazeotrope		30,31;818
		"	3.5	Nonazeotrope		353
4539	C ₄ H ₆	1,3-Butadiene	— 4.6	Nonazeotrope		305
4540	C ₄ H ₈	1-Butene	— 6.3	Nonazeotrope		305

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₇S	Dimethylamine (<i>continued</i>)	6.8			
4541	C ₄ H ₈	<i>cis</i> -2-Butene	3.7	Nonazeotrope		305
4542	C ₄ H ₈	<i>trans</i> -2-Butene	0.4	Nonazeotrope		305
4543	C ₄ H ₈	2-Methylpropene	— 6.9	Nonazeotrope		305
4544	C ₄ H ₁₀	Butane	0.6	<0.2 < 12		575
		Butane	— 0.5	Nonazeotrope		305
4545	C ₄ H ₁₀	2-Methylpropane	— 11.7	Nonazeotrope		305
4546	C ₄ H ₁₁ NO	2-(Dimethylamino)-ethanol	134.6	Nonazeotrope		981
4547	C ₅ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		575
A =	C₂H₇N	Ethylamine	16.55			
4548	C ₃ H ₆ O	Acetone	56.15	Nonazeotrope		575
4549	C ₃ H ₆ O	Propylene oxide	34.1	Nonazeotrope		575
4550	C ₄ H ₄ O	Furan	31.7	Nonazeotrope		551
4551	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		551
4552	C ₄ H ₁₀ O	Methyl propyl ether	38.95	Nonazeotrope		551
4553	C ₄ H ₁₁ N	Diethylamine	55.5	Nonazeotrope		981
4554	C ₄ H ₁₁ NO ₂	2,2'-Iminodiethanol	268	Nonazeotrope		981
4555	C ₃ H ₁₀	3-Methyl-1-butene	20.6	<15.4 > 54		551
4556	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		551
A =	C₃H₇NO	2-Aminoethanol	171.0			
4557	C ₃ H ₆ O	Acetone	56.1	Nonazeotrope		981
4558	C ₃ H ₇ NO	Propionamide	222.2	Nonazeotrope		527
4559	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	Reacts		527
4560	C ₄ H ₈ Cl ₂ O	Bis(2-chlorethyl) ether	178.65	Reacts		527
4561	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		551
4562	C ₄ H ₁₁ NO ₂	2,2'-Iminodiethanol, 10 mm.	150	Nonazeotrope		981
4563	C ₅ H ₈ O	Cyclopentanone	130.65	Nonazeotrope		551
4564	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		551
4565	C ₅ H ₁₂ O ₃	2-(2-Methoxyethoxy)-ethanol	192.95	Nonazeotrope		551
4566	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	157.3 40		551
4567	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	154.6 35		569
4568	C ₆ H ₅ Br	Bromobenzene	156.1	145.0 22		551
4569	C ₆ H ₅ Cl	Chlorobenzene	131.75	128.55 13.5		551
			132	124		906
4570	C ₆ H ₅ I	Iodobenzene	188.45	161.0 45		551
4571	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		575
4572	C ₆ H ₆	Benzene	80.15	Nonazeotrope		551
4573	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		551
4574	C ₆ H ₇ N	Aniline	184.35	170.3 90		551
4575	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		551
4576	C ₆ H ₁₀ S	Allyl sulfide	139	137.2 8		555
4577	C ₆ H ₁₁ NO ₂	Nitrocyclohexane	205.3	Nonazeotrope		575
4578	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		551
4579	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575
4580	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		551

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₇NO	2-Aminoethanol	(continued)	171.0		
4581	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	166.95	43	551
4582	C ₆ H ₁₄ S	Propyl sulfide	141.5	<139.7	<13	566
4583	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	159.3	44	551
4584	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	157.8	42	551
4585	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	146.5	26	551
4586	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	148.2	28	551
4587	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		575
4588	C ₇ H ₈ O	Anisole	153.85	145.75	25.5	551
4589	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		551
4590	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		551
4591	C ₇ H ₉ N	Methylaniline	196.25	167.5	70	551
4592	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		551
4593	C ₇ H ₁₄	Methylcyclohexane	101.15	<100.5	<10	551
4594	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		551
4595	C ₇ H ₁₆	Heptane	98.4	<98.0		575
4596	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		551
4597	C ₈ H ₁₀	Ethylbenzene	136.15	131.0	15	551
4598	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	133.0	18	551
4599	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	<138.0	20	551
4600	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	150.5	28	551
4601	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	154.5	37	551
4602	C ₈ H ₁₀ O	Phenetole	170.45	151.0	30	551
4603	C ₈ H ₁₁ N	Dimethylaniline	194.15	163.5	55	551
4604	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		551
4605	C ₈ H ₁₁ N	Ethylaniline	206.05	<170.0		575
4606	C ₈ H ₁₈	<i>n</i> -Octane	125.75	<123.0	<16	551
4607	C ₈ H ₁₈ O	Butyl ether	142.4	136.5	16	551
4608	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		551
4609	C ₈ H ₁₈ S	Butyl sulfide	185.0	<164.5	<53	566
4610	C ₈ H ₁₈ S	Isobutyl sulfide	172.	156.0	33	555
4611	C ₉ H ₈	Indene	187.4		Min. b.p.	276
4612	C ₉ H ₁₂	Cumene	152.8	142.5		575
4613	C ₉ H ₁₂	Mesitylene	164.6	148.5	30	551
4614	C ₉ H ₁₂	Propylbenzene	159.3	<147.0	<30	551
4615	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	159.8	45	551
4616	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	162.5	55	551
4617	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	161.0	50	551
4618	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	<169.0	>75	551
4619	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		551
4620	C ₁₀ H ₁₄	Butylbenzene	183.1	<158.5	<48	551
4621	C ₁₀ H ₁₄	Cymene	176.7	154.7	37	551
4622	C ₁₀ H ₁₅ N	Diethylaniline	217.05	<169.0	>82	551
4623	C ₁₀ H ₁₆	Camphene	159.6	144.0	28	551
4624	C ₁₀ H ₁₆	α -Pinene	155.8	142.0	25	551
4625	C ₁₀ H ₁₆	α -Terpinene	173.4	<154.0	<36	551
4626	C ₁₀ H ₁₆	Dipentene	177.7	153.0	37	551

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₇NO	2-Aminoethanol (<i>continued</i>)	171.0			
4627	C ₁₀ H ₁₈ O	Cineol	176.35			551
4628	C ₁₀ H ₂₂ O	Amyl ether	187.5	<160.0	<50	551
4629	C ₁₀ H ₂₂	Isoamyl ether	173.2	149.5	30.5	551
4630	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		551
4631	C ₁₁ H ₁₀ O	2-Methylnaphthalene	241.15	Nonazeotrope		527
4632	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<165.0	<62	551
4633	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		575
4634	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		551
A =	C₂H₇PO₃	Dimethylphosphite				
4635	C ₄ H ₇ NO	α -Hydroxyisobutyronitrile		72.5	46.3	24
A =	C₂H₆N₂	Ethylenediamine	116.5			
4636	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	130.0	31-32	129
4637	C ₄ H ₈ O ₂	<i>p</i> -Dioxane	101.3	Nonazeotrope		981
4638	C ₄ H ₁₀ O	Butyl alcohol	117.7	124.7	35.7	982
4639	C ₄ H ₁₀ O	Isobutyl alcohol	107.9	120.5	50	982
4640	C ₆ H ₆	Benzene	80.1	Nonazeotrope		981
4641	C ₇ H ₈	Toluene	110.7	104	30.8	215
		"		103	30	981
4642	C ₈ H ₆	Phenylacetylene	142	min. b.pt.		246
4643	C ₈ H ₆	Styrene	144.7	min. b.pt.		246
4644	C ₈ H ₁₀	Ethylbenzene	136.2	min. b.pt.		246
		"	136	Min. b.p.		341
4645	C ₈ H ₁₀	<i>m</i> -Xylene	139	Min. b.p.		341
4646	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Min. b.p.		341
4647	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	Min. b.p.		341
4648	C ₈ H ₁₀	Xylenes	140	min. b.pt.		246
4649	C _n H _{2n+2}	Paraffins		Min. b.p.		341
A =	C₃F₇I	Heptafluoro-1-iodopropane				
4649a	C ₄ H ₁₀ O	Ethyl ether	34.6	32-35		637c
A =	C₃HF₅O₂	Pentafluoropropionic Acid				
4650	C ₆ F ₁₄	Perfluorohexane, 25°C.		Nonazeotrope		v-1 695
A =	C₃H₂ClF₃O₂	3-Chloro-2,2,3-trifluoropropionic Acid				
4651	C ₃ H ₇ NO	<i>N,N</i> -Dimethylformamide, 20 mm.		115-120		250
A =	C₃H₂F₄O₂	2,2,3,3-Tetrafluoropropionic Acid				
4652	C ₃ H ₇ NO	<i>N,N</i> -Dimethylformamide, 20 mm.		40	67	250
A =	C₆H₂F₆O	1,1,1,3,3,3-Hexafluoro-2-propanol				
4652a	C ₆ H ₆	Benzene	167.7 mm.	25.0	82.5	v-1 674f
		"	344.5 mm.	40.0	89.2	v-1 674f
		"	656.7 mm.	55.0	95.8	v-1 674f
		"	1100 mm.	Nonazeotrope		674f

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A = C₃H₅ClF₃NO 3-Chloro-2,2,3-trifluoropropionamide						
4653	C ₃ H ₇ NO	<i>N,N</i> -Dimethylformamide, 20 mm.		101-106		250
A = C₃H₃Cl₃O Methyl Trichloroacetate 152.8						
4654	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		575
4655	C ₄ H ₈ O ₂	Butyric acid	164.0	Nonazeotrope		575
4656	C ₄ H ₈ O ₂	Isobutyric acid	154.6	151.0		562
4657	C ₅ H ₁₀ O ₃	Ethyl lactate	155	Azeotrope doubtful		563
4658	C ₆ H ₁₂ O	Cyclohexanol	160.8	<151.0	> 72	575
4659	C ₇ H ₈ O	Anisole	153.85	149	> 60	563
4660	C ₇ H ₁₄ O ₂	Propyl butyrate	143	Azeotrope doubtful		563
A = C₃H₃F₃NO 2,2,3,3-Tetrafluoropropionamide						
4661	C ₃ H ₇ NO	<i>N,N</i> -Dimethylformamide, 20 mm.		91-4	66	250
		"	153	187		250
A = C₃H₃N Acrylonitrile 77.3						
4662	C ₃ H ₄ O	Acrolein	200 mm.	Nonazeotrope		v-l 904
			400 mm.	"		v-l 904
			600 mm.	"		v-l 904
			760 mm.	"		v-l 904
		" 200-760 mm.		Nonazeotrope		v-l 905f
		"	52.4	Nonazeotrope		v-l 904,905c
4663	C ₃ H ₅ N	Propionitrile	97.4	Nonazeotrope		981
4664	C ₃ H ₈ O	Isopropyl alcohol	82.55	71.7	56	215
4665	C ₃ H ₇ ClSi	Chlorotrimethylsilane	57.5	57	7	841,843
4666	C ₄ H ₆ Cl	2-Chloro-1,3-butadiene 150 mm.		15.1	7.4	v-l 420
4666a	C ₄ H ₈ O ₂	Vinyl acetate	72	69.2	35.8	v-l 335c
4666b	C ₅ H ₁₂	Pentane 60°-120°C.				v-l 1049e
4667	C ₆ H ₆	Benzene	80.2	73.3	47	215
A = C₃H₄ Propadiene — 32						
4668	C ₃ H ₄	Propyne	— 23.2	Nonazeotrope		981
4669	C ₃ H ₆	Propene	— 47.7	Nonazeotrope		981
		" 0°-20.1°C.		Nonazeotrope		v-l 354c
4670	C ₃ H ₈	Propane	— 42.1	— 42	11.6	vol. % 981
		" 4.9 kg./cm ²		0	18.5	v-l 354c
		" 8.7 kg./cm ²		20.1	24.2	v-l 354c
4671	C ₄ H ₆	1,3-Butadiene	— 4.5	Nonazeotrope		981
A = C₃H₄ Propyne — 23.2						
4672	C ₃ H ₆	Propene	— 47.7	Nonazeotrope		981
4673	C ₃ H ₈	Propane	— 42.1	— 42	11.7	vol. % 981
		" 322.5 p.s.i.g.	62.1	60.1	14.3	1006
4674	C ₄ H ₆	1,3-Butadiene	— 4.5	Nonazeotrope		981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A = 4675	$C_3H_5Br_2$ C_3H_5O	<i>cis</i>-1,2-Dibromopropene Propyl alcohol	135.2 97.2			
A = 4676	$C_3H_5Br_2$ C_3H_5O	<i>trans</i>-1,2-Dibromopropene Propyl alcohol	125.95 97.2	97.05	3.45	563
A = 4677	$C_3H_4Cl_2$ C_3H_5Cl	1,3-Dichloropropene 3-Chloropropene	45.7	Nonazeotrope	v-l	1024
A = 4678	$C_3H_4Cl_4$ $C_6H_{10}O$	1,1,2,2-Tetrachloropropane Cyclohexanone	153 156			262
4679	C_7H_8O	Anisole	155	Max. b.p.		262
4680	$C_7H_{14}O$	Heptaldehyde	155	Max. b.p.		262
4681	$C_7H_{14}O$	2-Heptanone	150	Max. b.p.		262
A = 4682	$C_3H_4Cl_4$ C_7H_8O	1,1,2,3-Tetrachloropropane Benzaldehyde	180 179			262
4683	$C_9H_{18}O$	2,6-Dimethyl-4-heptanone	165	Max. b.p.		262
A = 4684	$C_3H_4Cl_4$ $C_8H_8Cl_4$	Tetrachloropropane Tetrachloropentane, 12-150 mm.		Nonazeotrope	v-l	718
A = 4685	C_3H_4O C_3H_6	Acrolein Propene	52.45 — 48			64
4686	C_3H_6O	Acetone 200 mm.	22.5	Nonazeotrope	v-l	469
4687	C_3H_6O	Propionaldehyde	48.7	Nonazeotrope		575
4688	C_4H_8O	2-Butanone	79.6	Nonazeotrope	v-l	998
4689	C_4H_8O	Isobutyraldehyde	63.5	Nonazeotrope		575
4690	C_5H_{12}	Pentane	36.15	Nonazeotrope		575
4691	C_6H_{14}	Hexane	68.8	Nonazeotrope		575
A = 4692	C_3H_4O C_6H_6	2-Propyn-1-ol Benzene	115 80.1			264
		"	80.1	78	9	885
A = 4693	$C_3H_4O_2$ $C_3H_6O_2$	Acrylic Acid Propionic acid	140.5 140.7			563
4694	$C_5H_8O_2$	Ethyl acrylate	99.3	140.3?		981
4695	C_nH_m	Hydrocarbon	138-140	133	68.2	804
A = 4696	$C_3H_4O_3$ $C_3H_6O_2$	Pyruvic Acid Propionic acid	166.8 141.3			552
4697	$C_4H_8O_2$	Butyric acid	164.0	Nonazeotrope	34	569
4698	$C_5H_{10}O_3$	2-Methoxy ethyl acetate	144.6	Nonazeotrope		552
4699	C_6H_5Br	Bromobenzene	156.1	147.0	34	527
4700	C_6H_5Cl	Chlorobenzene	131.75	128.6	15	552
4701	C_6H_6	Benzene	80.15	Nonazeotrope		552
4702	$C_6H_{12}O_3$	2-Ethoxyethyl acetate	156.8	Nonazeotrope		552
4703	C_7H_7Cl	<i>o</i> -Chlorotoluene	159.2	149.5	37	552
4704	C_7H_7Cl	<i>p</i> -Chlorotoluene	162.4	151.5	40	552
4705	C_7H_8	Toluene	110.75	110.05	7.5	552
4706	C_7H_8O	Anisole	153.85	148.5	28	552
4707	C_8H_{10}	Ethylbenzene	136.15	130.5	22	552

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_3H_4O_2$	Pyruvic Acid (<i>continued</i>)	166.8			
4708	C_8H_{10}	<i>m</i> -Xylene	139.2	132.85	24	552
4709	C_8H_{10}	<i>o</i> -Xylene	144.3	137.0	28	552
4710	$C_8H_{16}O$	Butyl ether	142.4	138.0	15	552
4711	C_9H_{12}	Cumene	152.8	143.0	33	552
4712	C_9H_{12}	Mesitylene	164.6	151.2	40	552
4713	C_9H_{12}	Propylbenzene	159.3	147.6	37	552
A =	$C_3H_4N_2$	Pyrazole	187.5			
4714	$C_4H_8Cl_2O$	Bis(2-chloroethyl) ether	178.65	Nonazeotrope		575
4715	C_6H_6O	Phenol	182.2	Nonazeotrope		575
4716	C_7H_8O	<i>o</i> -Cresol	191.1	> 194.8	> 26	575
4717	$C_8H_{10}O$	<i>p</i> -Methylanisole	177.05	Nonazeotrope		575
4718	$C_8H_{18}S$	Butyl sulfide	185.0	< 181.2	> 28	575
4719	$C_9H_{12}O$	Benzyl ethyl ether	185.0	< 184.2	> 20	575
4720	$C_{10}H_{22}O$	Isoamyl ether	173.2	Nonazeotrope		575
A =	C_3H_5Br	3-Bromopropene	70.5			
4721	C_3H_6O	Acetone	56.15	56.05	8	552
4722	C_3H_6O	Allyl alcohol	96.85	< 69.2	92	575
4723	$C_3H_6O_2$	Ethyl formate	54.15	Nonazeotrope		547
4724	$C_3H_6O_2$	Methyl acetate	57.0	Nonazeotrope		547
4725	C_3H_7Br	1-Bromopropane	71.0	Nonazeotrope		575
4726	C_3H_8O	Isopropyl alcohol	82.45	66.5	80	573
4727	C_3H_8O	Propyl alcohol	97.2	69.0	90	573
4728	$C_3H_7BO_3$	Methyl borate	68.7	67.5		542
4729	C_4H_8O	2-Butanone	79.6	Nonazeotrope		557
4730	$C_4H_8O_2$	Ethyl acetate	77.15	Nonazeotrope		547
4731	$C_4H_8O_2$	Propyl formate	80.85	Nonazeotrope		575
4732	C_4H_9Cl	1-Chloro-2-methylpropane	68.85	68.75	15	549
4733	$C_4H_9NO_2$	Isobutyl nitrite	67.1	66.9	12	550
4734	$C_4H_{10}O$	Butyl alcohol	117.8	Nonazeotrope		575
4735	$C_4H_{10}O$	<i>tert</i> -Butyl alcohol	82.45	< 68.5	< 90	575
4736	$C_4H_{10}O$	Isobutyl alcohol	108.0	Nonazeotrope		575
4737	$C_4H_{10}O_2$	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		559
4738	$C_4H_{10}O_2$	Ethoxymethoxymethane	65.9	Nonazeotrope		559
4739	C_6H_6	Benzene	80.15	Nonazeotrope		575
4739a	C_6H_{12}	1-Hexene	200 mm.	27.2	—	v-1 498f
		"	400 mm.	43.8	26.0	v-1 498f
		"	600 mm.	55.6	28.1	v-1 498f
		"	760 mm.	62.8	29.0	v-1 498f
4740	C_6H_{14}	Hexane	68.8	66.9	45	562
4740a	C_7H_{14}	1-Heptene	400 mm.	51.7	99.3	v-1 498f
		"	600 mm.	63.5	99.4	v-1 498f
		"	760 mm.	70.3	99.7	v-1 498f
A =	C_3H_5BrO	Epibromohydrin	138.5			
4741	$C_3H_6O_2$	Propionic acid	141.3	< 138.0	< 88	575
		"	141.3	Nonazeotrope		556
4742	C_3H_8O	Propyl alcohol	97.2	Nonazeotrope		575

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₃H₈BrO	Epibromohydrin (continued)	138.5			
4743	C ₄ H ₈ O ₂	Isobutyric acid	154.6		Nonazeotrope	556
4744	C ₄ H ₉ Br	1-Bromobutane	101.5		Nonazeotrope	575
4745	C ₄ H ₁₀ O	Butyl alcohol	117.8	117.0	20	556
4746	C ₄ H ₁₀ O	Isobutyl alcohol	108.0		Nonazeotrope	575
4747	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	<137.5		575
4748	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	<136.0	> 75	575
4749	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	129.5	40	575
4750	C ₆ H ₁₀ O	Mesityl oxide	129.45		Nonazeotrope	552
4751	C ₆ H ₁₀ S	Allyl sulfide	139.35	133.3	60	566
4752	C ₇ H ₁₄ O	4-Heptanone	143.55		Nonazeotrope	575
4753	C ₈ H ₁₀	Ethylbenzene	136.15	133.3	40	575
4754	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	134.5	55	575
4755	C ₉ H ₁₂	Cumene	152.8		Nonazeotrope	575
A =	C₃H₅BrO₂	α-Bromopropionic Acid	205.8			
4756	C ₆ H ₄ Br ₂	<i>o</i> -Dibromobenzene	181.5	179.0	12	575
4757	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	<173.5	> 7	575
4758	C ₆ H ₅ I	Iodobenzene	188.45	<184.8		575
4759	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	203.3	60	554
4760	C ₇ H ₇ Br	α -Bromotoluene	198.5	~ 195		563
4761	C ₇ H ₈ O ₂	Guaiacol	205.05	<204.2	> 45	575
4762	C ₈ H ₈ O ₂	Methyl benzoate	199.4		Nonazeotrope	575
4763	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope	
4764	C ₁₀ H ₈	Naphthalene	218.0	<202.5	> 73	562
4765	C ₁₀ H ₁₄	Cymene	176.7	<176.4	> 4	575
4766	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15		Nonazeotrope	575
A =	C₃H₅Br₃	1,2,3-Tribromopropane	220			
4767	C ₆ H ₅ NO ₂	Nitrobenzene	210.85		Nonazeotrope	563
5768	C ₆ H ₆ O	Phenol	182.2		Nonazeotrope	575
4769	C ₇ H ₆ O ₂	Benzoic acid	250.8	<220.5	> 94	575
4770	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	~222.3		Nonazeotrope	563
4771	C ₇ H ₈ O	<i>p</i> -Cresol	201.8		Nonazeotrope	563
4772	C ₇ H ₁₄ O ₂	Enanthic acid	222	<218	> 62	575
4773	C ₈ H ₁₄ O ₄	Ethyl succinate	216.5		Azeotrope doubtful	563
4774	C ₉ H ₁₀ O	Propiophenone	217.7	223	~ 70	573
4775	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0		Nonazeotrope	575
4776	C ₉ H ₁₀ O ₂	Ethyl benzoate	213		Nonazeotrope	563
4777	C ₉ H ₁₀ O ₃	Ethyl salicylate	234.0		Nonazeotrope	548
4778	C ₉ H ₁₈ O ₂	Pelargonic acid	254.0		Nonazeotrope	575
4779	C ₁₀ H ₈	Naphthalene	218.05		Nonazeotrope	535
4780	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85		Nonazeotrope	547
4781	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	538
4782	C ₁₀ H ₁₅ N	Diethylaniline	216.5	<215	> 15	563
4783	C ₁₀ H ₁₆ O	Pulegone	~224	226.5	~ 55	573
4784	C ₁₀ H ₁₈ O	Borneol	211.8		Nonazeotrope	563
4785	C ₁₁ H ₂₀ O	Terpineol methyl ether	216		Nonazeotrope	563
4786	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2		Nonazeotrope	547

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₅Cl	2-Chloropropene	22.65			
4787	C ₃ H ₅ Cl	3-Chloropropene	45.7	Nonazeotrope,	v-1	1024
4788	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		550
4789	C ₄ H ₆ O	Furan	31.7	Nonazeotrope		559
4790	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		559
4791	C ₅ H ₁₀	3-Methyl-1-butene	20.6	<18.5	>45	562
4792	C ₅ H ₁₂	2-Methylbutane	27.95	19.0	64	562
4793	C ₅ H ₁₂	Pentane	36.15	<22.4	>72	575
A =	C₃H₅Cl	3-Chloropropene	45.15			
4794	C ₃ H ₆ O	Acetone	56.15	44.6	90	552
4795	C ₃ H ₆ O ₂	Ethyl formate	54.15	45.0	90.0	547
4796	C ₃ H ₆ O ₂	Methyl acetate	56.95	Nonazeotrope		575
4797	C ₃ H ₇ Cl	1-Chloropropane	46.6	Nonazeotrope		549
4798	C ₃ H ₇ Cl	2-Chloropropane	34.9	Nonazeotrope	v-1	226
4799	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		550
4800	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	44.8	80	550
4801	C ₃ H ₈ O	Isopropyl alcohol	82.4	45.1	98	575
4802	C ₃ H ₈ O ₂	Methylal	42.3	41.4	20	559
4803	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	Nonazeotrope		575
4804	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		559
4805	C ₅ H ₁₀	Cyclopentane	49.3	44.3	63	575
4806	C ₅ H ₁₂	Pentane	36.15	<35.5	>28	575
4807	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		575
A =	C₃H₅ClO	2-Chloro-2-propen-1-ol				
4808	C ₅ H ₇ ClO	2-Chloroallyl vinyl ether			10	1008
A =	C₃H₅ClO	1-Chloro-2-propanone	119.7			
4809	C ₃ H ₈ O	Isopropyl alcohol	82.4	Nonazeotrope		552
4810	C ₄ H ₁₀ O	Butyl alcohol	117.8	112.5	57	552
4811	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		552
4812	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	106.0	37	552
4813	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		552
4814	C ₅ H ₁₀ O ₂	Butyl formate	106.7	Nonazeotrope		548
4815	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		552
4816	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		552
4817	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		552
4818	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		552
4819	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	<119.0	>83	552
4820	C ₅ H ₁₂ O	2-Pentanol	119.8	<116.0	<68	552
4821	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		566
4822	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	117.5	53	552
4823	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		552
4824	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	116.9	30	552
4825	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		566
4826	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	<116.0		566
4827	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	109.4	36	552
4828	C ₇ H ₈	Toluene	110.75	109.2	28.5	552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₃H₆ClO	1-Chloro-2-propanone	119.7			
		(continued)				
4829	C ₇ H ₁₄	Methylcyclohexane	101.15	<100.5		552
4830	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		552
4831	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		552
4832	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	117.2	50	552
4833	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		552
4834	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		552
4835	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		552
4836	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<114.0		552
4837	C ₈ H ₁₈	2,5-Dimethylhexane	109.3	<107.5	<35	552
4838	C ₈ H ₁₈	Octane	125.75	<115.5	65	552
A =	C₃H₅ClO	Epichlorohydrin	116.45			
4839	C ₃ H ₅ Cl ₃	1,2,3-Trichloropropane	156.85	Nonazeotrope	v-1	984
4840	C ₃ H ₆ Br ₂	1,2-Dibromopropane	140.5	Nonazeotrope		556
4841	C ₃ H ₆ O	Allyl alcohol	96.95	95.8	22	556,875
4842	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		575
4843	C ₃ H ₇ I	1-Iodopropane	102.4	<100.5	<28	575
4844	C ₃ H ₈ O	Isopropyl alcohol	82.45	Nonazeotrope		556
4845	C ₃ H ₈ O	Propyl alcohol	97.2	96.0	23	563,980
4846	C ₄ H ₅ N	Pyrrrole	130.5	Reacts		563
4847	C ₄ H ₈ S	Tetrahydrothiophene	118.8	<112.5	<70	566
4848	C ₄ H ₉ Br	1-Bromobutane	101.6	100.0		548
4849	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		575
4850	C ₄ H ₉ I	1-Iodobutane	130.4	<115	<92	548
4851	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	111.0	~47	548
4852	C ₄ H ₁₀ O	Butyl alcohol	116.9	112.0	57	556
4853	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	98.0	25	556
4854	C ₄ H ₁₀ O	tert-Butyl alcohol	82.45	Nonazeotrope		556
4855	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	105.0	39.5	563
4856	C ₅ H ₅ N	Pyridine	115.5	Reacts		563
4857	C ₅ H ₈ O	Cyclopentanone	130.65	Nonazeotrope		575
4858	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		552
4859	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		575
4860	C ₅ H ₁₀ O ₃	Propyl acetate	101.6	Nonazeotrope		575
4861	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.0	Azeotrope doubtful		563
4862	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		575
4863	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	111.2	63	556
4864	C ₅ H ₁₂ O	Amyl alcohol	138.2	<116.2	<95	575
4865	C ₅ H ₁₂ O	tert-Amyl alcohol	102.0	100.7	30	556
4866	C ₅ H ₁₂ O	Isoamyl alcohol	131.8	115.35	81	563
4867	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.9	109.5	48	556
4868	C ₅ H ₁₂ O	2-Pentanol	119.8	113.0	60	556
4869	C ₅ H ₁₂ O	3-Pentanol	116.0	111.5	54	556
4870	C ₆ H ₅ Cl	Chlorobenzene	131.75	<116.2		575
		"	131.8	Azeotrope doubtful		563
4871	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
4872	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		552
4873	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575

No.	B-Component		B.P., °C	Azeotropic Data		Ref.
	Formula	Name		B.P., °C	Wt.% A	
A =	C₃H₅ClO	Epichlorohydrin	(continued)	116.45		
4874	C ₆ H ₁₂ O	Cyclohexanol	160.65	Nonazeotrope		556
4875	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		575
4876	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	< 115.5	> 32	575
4877	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		575
4878	C ₆ H ₁₂ O ₂	Butyl acetate	125.0	Nonazeotrope		548
4879	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	115.75	75	556
4880	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	109.8	~ 10	575
		"	110.1	Azeotrope doubtful		563
4881	C ₆ H ₁₂ O ₂	Isoamyl formate	123.6	~ 116.2		563
4882	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	< 115.3	> 50	548
4883	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	115	45	563
4884	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	< 116.3	> 88	575
4885	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		556
4886	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	111.5	67	566
4887	C ₇ H ₈	Toluene	110.75	108.4	29	548
		"	110.6	108.3	26	980
4888	C ₇ H ₁₄	Methylcyclohexane	101.15	< 100.8	> 5	575
4889	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		575
4890	C ₇ H ₁₆	Heptane	98.4	< 98.1	> 4	575
4891	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		548
4892	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	113.6	65	575
4893	C ₈ H ₁₆	2,5-Dimethylhexane	109.3	~ 107.0	25	548
4894	C ₈ H ₁₈	Octane	125.8	114.5	~ 80	548
			125.8	< 116	> 90	563
4895	C ₈ H ₁₈ O	Isobutyl ether	122.2	Nonazeotrope		548
A =	C₃H₅ClO₂	Methyl Chloroacetate	129.95			
4896	C ₃ H ₆ Br ₂	1,2-Dibromopropane	140.5	Nonazeotrope		575
4897	C ₃ H ₆ O	Allyl alcohol	96.85	Nonazeotrope		575
4898	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		527
4899	C ₃ H ₈ O	Isopropyl alcohol	82.45	Nonazeotrope		573
4900	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		573
4901	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	122.5	65	575
4902	C ₄ H ₈ O ₃	Methyl lactate	143.8	Nonazeotrope		575
4903	C ₄ H ₉ I	1-Iodobutane	130.4	125.5	42	562
4904	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	< 119.5	< 22	562
4905	C ₄ H ₁₀ O	Butyl alcohol	117.5	116.3	26	573
4906	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	Nonazeotrope		575
4907	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	107.55	12	530
4908	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	128.6	77	526
4909	C ₅ H ₈ O	Cyclopentanone	130.65	< 129.6		552
4910	C ₅ H ₁₀ O	Cyclopentanol	140.85	127.5	77	567
4911	C ₅ H ₁₀ O ₃	Ethyl carbonate	125.9	Nonazeotrope		572
4912	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		556
4913	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		527
4914	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		575
4915	C ₅ H ₁₂ O	Amyl alcohol	138.2	126.8	70	567

No.	B-Component		B.P., °C	Azeotropic Data		
	Formula	Name		B.P., °C	Wt. % A	Ref.
A =	C₃H₅ClO₂	Methyl Chloroacetate	129.95			
		(continued)				
4916	C ₅ H ₁₂ O	tert-Amyl alcohol	102.35	Nonazeotrope		575
4917	C ₇ H ₁₄ O	Isoamyl alcohol	131.3	124.9	60.5	527
4918	C ₅ H ₁₂ O	2-Pentanol	119.8	117.0	40	567
4919	C ₅ H ₁₂ O	3-Pentanol	116.0	114.0	32	567
4920	C ₆ H ₆ Cl	Chlorobenzene	132.0	126	~ 60	532
4921	C ₆ H ₁₀ O	Mesityl oxide	129.45	128.8	42	552
4922	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		566
4923	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		575
4924	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		552
4925	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		552
4926	C ₆ H ₁₂ O ₂	Butyl acetate	125.0	Nonazeotrope		548
4927	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		575
4928	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		532
4929	C ₆ H ₁₂ O ₂	Propyl propionate	122.1	Nonazeotrope		532
4930	C ₆ H ₁₂ O ₃	Paraldehyde	124	Azeotrope doubtful		563
4931	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		575
4932	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		575
4933	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563
4934	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		575
4935	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		552
4936	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		532
4937	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	Nonazeotrope		532
4938	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		548
4939	C ₈ H ₈	Styrene	145.8	Nonazeotrope		538
4940	C ₈ H ₁₀	Ethylbenzene	136.15	127.2	62.5	572
4941	C ₈ H ₁₀	m-Xylene	139.2	128.25	90	575
		"	139.0	Nonazeotrope		563
4942	C ₈ H ₁₀	p-Xylene	138.45	128.3	85	562
4943	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	118.5	15	562
4944	C ₈ H ₁₈	Octane	125.8	123.5	~ 40	563
4945	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		575
4946	C ₈ H ₁₈ O	Isobutyl ether	122.3	< 121.9	< 18	575
4947	C ₁₀ H ₁₆	α-Pinene	155.8	Nonazeotrope		575
A =	C₃H₅Cl₃	1,1,3-Trichloropropane	148			
4948	C ₇ H ₁₄ O	2-Heptanone	150	Max. b.p.		262
4949	C ₇ H ₁₄ O ₂	Amyl acetate	148	Max. b.p.		262
A =	C₃H₅Cl₃	1,2,2-Trichloropropane	122			
4950	C ₅ H ₇ N	Pyridine	115	Nonazeotrope		262
4951	C ₅ H ₈ O	Cyclopentanone	129	Nonazeotrope		262
4952	C ₅ H ₁₀ O ₂	Ethyl carbonate	126	Max. b.p.		262
4953	C ₆ H ₁₂ O ₂	Butyl acetate	125	126.4	38	v-1 262
4954	C ₇ H ₁₄ O	2,4-Dimethyl-3-pentanone	124	Max. b.p.		292
4955	C ₇ H ₁₄ O ₂	Isopropyl butyrate	128	Nonazeotrope		262
A =	C₃H₅Cl₃	1,2,3-Trichloropropane	158			
4956	C ₃ H ₅ O ₂	Propionic acid	140.7	~ 140.5	30?	563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₅Cl₃	1,2,3-Trichloropropane	158			
		(continued)				
4957	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	155.0	90	564
4958	C ₄ H ₅ Cl ₃ O	α - α , β -Trichlorobutyralde- hyde	164	Nonazeotrope		563
4959	C ₄ H ₆ O ₄	Methyl oxalate	164.2	154.0	72	538
4960	C ₂ H ₇ ClO ₂	Ethyl chloroacetate	143.5	Nonazeotrope		538
4961	C ₄ H ₈ O ₂	Butyric acid	162.45	153.0	75	541
4962	C ₃ H ₈ O ₂	Isobutyric acid	154.35	149.2	62	542
4963	C ₄ H ₈ O ₃	Methyl lactate	143.8	Nonazeotrope		573
4964	C ₃ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		572
4965	C ₃ H ₁₀ O ₂	Isovaleric acid	176.5	155.0	93?	575
4966	C ₃ H ₁₀ O ₃	Ethyl lactate	153.9	~153.5	~15	572
4967	C ₃ H ₁₁ NO ₃	Isoamyl nitrate	149.75	<149.5	>12	560
4968	C ₃ H ₁₂ O	Isoamyl alcohol	131.3	Nonazeotrope		527
4969	C ₆ H ₅ Br	Bromobenzene	156.1	155.6	30	549
4970	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		530
4971	C ₆ H ₁₀ O	Cyclohexanone	155.7	160.0	61	552
4972	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	Nonazeotrope		535
4973	C ₆ H ₁₂	1-Hexene	63.5	Nonazeotrope	v-1	933
4974	C ₆ H ₁₂ O	Cyclohexanol	160.7	154.9	67	572
4975	C ₆ H ₁₄	Hexane	68.74	Nonazeotrope	v-1	933
4976	C ₆ H ₁₄ O	Hexyl alcohol	157.85	152.8	60	567
4977	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		575
4978	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		530
		"	155	Max. b.p.		262
4979	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
4980	C ₇ H ₁₄ O	Heptaldehyde	155	Max. b.p.		262
4981	C ₇ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		559
4982	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		548
4983	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		547
4984	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		559
4985	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		573
4986	C ₈ H ₂₀ SiO ₄	Ethyl silicate	165	Nonazeotrope?		563
4987	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		575
4988	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	170.0	Nonazeotrope		547
4989	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		547
4990	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
4991	C ₁₀ H ₁₆	Camphene	159.6	~152.9	~65	529
4992	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		535
4993	C ₁₀ H ₁₆	α -Pinene	155.8	150.0	~85	572
4994	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	~155.5	~70	573
A =	C₃H₅I	3-Iodepropene	102			
4995	C ₃ H ₆ O	Allyl alcohol	96.95	89.4	72	532
4996	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		575
4997	C ₃ H ₆ O ₃	Methyl carbonate	90.25	< 90.0		575

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₃H₅I	3-Iodopropene (continued)	102			
4998	C ₃ H ₇ I	1-Iodopropane	102.4	Nonazeotrope		575
4999	C ₃ H ₈ O	Isopropyl alcohol	82.45	~ 79	~ 58	563
5000	C ₃ H ₈ O	Propyl alcohol	97.2	90.0	71	563
5001	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	100.5	~ 95	575
5002	C ₄ H ₇ N	Isobutyronitrile	103.85	< 93.2	< 68	562
5003	C ₄ H ₈ O ₂	Dioxane	101.35	98.5	56	527
5004	C ₄ H ₁₀ O	Butyl alcohol	117.8	98.7	87	567
5005	C ₄ H ₁₀ O	Isobutyl alcohol	108	96	~ 83	563
5006	C ₅ H ₁₀ O	2-Pentanone	102.35	100.7	66	552
5007	C ₅ H ₁₀ O	3-Pentanone	102.05	100.5	65	552
5008	C ₅ H ₁₀ O ₂	Butyl formate	106.7	100.0	> 75	547
5009	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	98.0	35	547
5010	C ₅ H ₁₀ O ₂	Isobutyl formate	98.3	95.8	38	563
5011	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		575
5012	C ₅ H ₁₀ O ₂	Methyl butyrate	102.75	101.0	65	573
5013	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		547
5014	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	99.5	56	538
5015	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		549
5016	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	96.0		550
5017	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	< 97.2	< 75	567
5018	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
5019	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope?		563
5020	C ₆ H ₁₄ O ₂	Acetal	103.55	100.0	67	559
5021	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563
5022	C ₇ H ₁₄	Methylcyclohexane	101.8	99	~ 70	563
5023	C ₇ H ₁₆	Heptane	98.45	97.0	48	538
A =	C₃H₅N	Propionitrile	97.2			
5024	C ₃ H ₇ I	2-Iodopropane	89.45	81.2	30	562
5025	C ₃ H ₈ O	Isopropyl alcohol	82.4	81.5	12	565
5026	C ₃ H ₈ O	Propyl alcohol	97.2	90.5	50	565
5027	C ₃ H ₇ ClSi	Chlorotrimethylsilane	57.7	Nonazeotrope		841
5028	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		565
5029	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		565
5030	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		565
5031	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	85.0	35	562
5032	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		565
5033	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	95.5	76	565
5034	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	< 94.5	> 40	565
5035	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	< 96.0	> 54	575
5036	C ₅ H ₁₀ O ₂	Propyl acetate	101.55	95.4	55	565
5037	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	< 94.5	> 57	565
5038	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		565
5039	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		565
5040	C ₆ H ₁₄	Hexane	68.8	63.5	9	565
5041	C ₆ H ₁₄ O	Isopropyl ether	68.3	< 67.5	> 4	575
5042	C ₆ H ₁₄ O	Propyl ether	90.1	< 83.5	> 18	562
5043	C ₇ H ₈	Toluene	110.75	Min. b.p.		515

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C_3H_5N	Propionitrile (<i>continued</i>)	97.2			
5044	C_7H_{14}	Methylcyclohexane	101.15	< 85.0	> 45	562
5045	C_7H_{16}	Heptane	98.4	< 80.5		565
5046	C_8H_{10}	Ethylbenzene	136.15	Nonazeotrope		575
A =	$C_3H_5N_3O_9$	Nitroglycerin				
5047	C_3H_6O	Acetone	56.15	Nonazeotrope		v-1 633
A =	C_3H_6	Propene	— 48			
5048	C_3H_8	Propane, 10°-190°F.		Nonazeotrope		v-1 361
		" 320 p.s.i.a.		Nonazeotrope		v-1 618
		" 0°-20.1°C.		Nonazeotrope		v-1 354c
A =	$C_3H_6Br_2$	1,2-Dibromopropane	140.5			
5049	$C_3H_6O_2$	Propionic acid	141.3	134.5	67	527
5050	C_3H_7NO	Propionamide	222.2	Nonazeotrope		575
5051	C_3H_8O	Propyl alcohol	97.2	Nonazeotrope		575
5052	$C_3H_8O_2$	2-Methoxyethanol	124.5	124.0		526
5053	C_4H_5N	Pyrrole	130	Nonazeotrope		555
5054	$C_4H_7BrO_2$	Ethyl bromoacetate	158.8	Nonazeotrope		575
5055	$C_4H_8O_2$	Butyric acid	164.0	138.5	92	562
5056	$C_4H_8O_2$	Isobutyric acid	154.6	137.0	85	562
5057	$C_4H_{10}O$	Butyl alcohol	117.8	< 117.1	39	575
5058	$C_4H_{10}O$	Isobutyl alcohol	108.0	Nonazeotrope		575
5059	$C_4H_{10}O_2$	2-Ethoxyethanol	135.3	132.5	50	555
5060	$C_5H_4O_2$	2-Furaldehyde	161.45	Nonazeotrope		556
5061	$C_5H_{10}O_2$	Isovaleric acid	176.5	Nonazeotrope		575
5062	$C_5H_{10}O_2$	Valeric acid	186.35	Nonazeotrope		575
5063	$C_5H_{11}NO_3$	Isoamyl nitrate	149.5	Nonazeotrope		547
5064	$C_5H_{12}O$	Isoamyl alcohol	131.9	< 128.5	> 52	527
5065	C_6H_6O	Phenol	182.2	Nonazeotrope		575
5066	$C_6H_{10}O$	Mesityl oxide	129.45	Nonazeotrope		552
5067	$C_6H_{10}S$	Allyl sulfide	~138.7	Nonazeotrope		563
5068	$C_6H_{12}O$	Cyclohexanol	160.65	Nonazeotrope		563
5069	$C_6H_{12}O_3$	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
5070	$C_6H_{14}O$	Hexyl alcohol	157.85	Nonazeotrope		575
5071	C_7H_8O	Anisole	153.85	Nonazeotrope		559
5072	$C_7H_{14}O$	4-Heptanone	143.55	Nonazeotrope		552
5073	$C_7H_{14}O$	5-Methyl-2-hexanone	144.2	Nonazeotrope		552
5074	$C_7H_{14}O_2$	Amyl acetate	148.8	Nonazeotrope		575
5075	$C_7H_{14}O_2$	Butyl propionate	146.5	Nonazeotrope		547
5076	$C_7H_{14}O_2$	Ethyl isovalerate	134.7	Nonazeotrope		575
5077	$C_7H_{14}O_2$	Ethyl valerate	145.45	Nonazeotrope		575
5078	$C_7H_{14}O_2$	Isoamyl acetate	142.1	< 140.2	> 91	575
5079	$C_7H_{14}O_2$	Isobutyl propionate	136.9	Nonazeotrope		547
5080	$C_7H_{14}O_2$	Propyl butyrate	134.7	Nonazeotrope		547
5081	$C_7H_{14}O_2$	Propyl isobutyrate	134.0	Nonazeotrope		547
5082	C_8H_{10}	Ethylbenzene	136.15	135.95	5	563
5083	C_8H_{10}	<i>m</i> -Xylene	139.0	138	30	563
5084	C_8H_{10}	<i>o</i> -Xylene	142.6	139.2	~70	563

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₈H₈Br₂	1,2-Dibromopropane	140.5			
		(continued)				
5085	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	137.5	~22	563
5086	C ₈ H ₁₈ O	Butyl ether	142.4	146.0	40	559
5087	C ₉ H ₁₀	Cumene	152.8	Nonazeotrope		575
5088	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		575
A =	C₃H₅Br₂	1,3-Dibromopropane	166.9			
5089	C ₃ H ₆ O ₂	Propionic acid	141.3	Nonazeotrope		527
5090	C ₃ H ₇ NO	Propionamide	222.2	Nonazeotrope		527
5091	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	164.05	87.8	527
5092	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.8	Nonazeotrope		527
5093	C ₄ H ₇ Cl ₃ O	Ethyl 1,1,2-trichloroethyl ether	172.5	Nonazeotrope		575
5094	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	Nonazeotrope		527
5095	C ₄ H ₈ O ₂	Butyric acid	163.5	158.4	70	527
5096	C ₄ H ₈ O ₂	Isobutyric acid	154.6	151.5	40	562
5097	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	159.45	54	527
5098	C ₅ H ₆ O ₂	Furfuryl alcohol	169.35	164.0	74	575
5099	C ₅ H ₈ O ₄	Methyl malonate	181.5	Nonazeotrope		547
5100	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	163.35	84.5	527
5101	C ₅ H ₁₀ O ₂	Valeric acid	186.35	166.0	92	527
5102	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.5	Nonazeotrope		547
5103	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		556
5104	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		575
5105	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		575
5106	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		552
5107	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		527
5108	C ₆ H ₁₂ O	Cyclohexanol	160.65	158.5		563
5109	C ₆ H ₁₂ O ₂	Caproic acid	205.15	Nonazeotrope		575
5110	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	Nonazeotrope		575
5111	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		556
5112	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	164.55	77	527
5113	C ₇ H ₅ N	Benzonitrile	191.1	Nonazeotrope		565
5114	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		575
5115	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		575
5116	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		575
5117	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
5118	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
5119	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	>170	>45	559
5120	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		559
5121	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		559
5122	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
5123	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	Nonazeotrope		547
5124	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.4	Nonazeotrope		547
5125	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
5126	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
5127	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
5128	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575

No.	B-Component		B.P., °C	Azeotropic Data		Ref.
	Formula	Name		B.P., °C	Wt.% A	
A =	C₃H₈Br₂	1,3-Dibromopropane	166.9			
		(continued)				
5129	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		547
5130	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
5131	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		575
5132	C ₁₀ H ₁₆	α-Pinene	155.8	Nonazeotrope		575
A =	C₃H₈Br₂O	2,3-Dibromo-1-propanol	219.5			
5133	C ₄ H ₁₀ O ₃	Diethylene glycol	245.5	Nonazeotrope		575
5134	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	Nonazeotrope		575
5135	C ₆ H ₅ I	Iodobenzene	188.45	Nonazeotrope		575
5136	C ₆ H ₁₄ O ₃	Dipropylene glycol	229.2	Nonazeotrope		575
5137	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		575
5138	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	<209.0	< 40	575
5139	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	Nonazeotrope		575
5140	C ₈ H ₁₀ O ₂	Veratrole	206.8	Nonazeotrope		575
5141	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
5142	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy)ethanol	231.2	Nonazeotrope		575
5143	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
5144	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	228.2		575
5145	C ₉ H ₁₀ O	Propiophenone	217.7	<222.0		575
5146	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
5147	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
5148	C ₁₀ H ₁₆	Dipentene	177.7	< 176.5	> 12	575
5149	C ₁₀ H ₂₀ O	Menthol	216.3	<216.2	< 22	575
5150	C ₁₁ H ₂₀ O	Methyl α-terpineol ether	216.2	Nonazeotrope		575
5151	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		575
5152	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		575
A =	C₃H₆Cl₂	1,1-Dichloropropane	90			
5153	C ₅ H ₁₀ O ₂	Isopropyl acetate	90	Max. b.p.		262
5154	C ₆ H ₁₅ N	Triethylamine	89	Max. b.p.		262
A =	C₃H₆Cl₂	1,2-Dichloropropane	97			
5155	C ₃ H ₈ O	Propylene oxide,				
		20 p.s.i.g.	60	Nonazeotrope		981
5156	C ₃ H ₈ O	Isopropyl alcohol	82.4		50	v-l 282
		At 30°C.			75	v-l 282
5157	C ₃ H ₈ O ₂	1,2-Propanediol	187.3	Nonazeotrope		981
5158	C ₄ H ₈ O ₂	Butyric acid	162.4	Nonazeotrope		678
5159	C ₄ H ₈ O ₂	Dioxane	101	Max. b.p.		262
5160	C ₅ H ₁₀ O	2-Pentanone	102	Max. b.p.		262
5161	C ₅ H ₁₀ O ₂	Ethyl propionate	99	Max. b.p.		262
5162	C ₆ H ₁₂	Cyclohexane	80	80.4	16	276
A =	C₃H₆Cl₂	1,3-Dichloropropane	129.8			
5163	C ₂ H ₁₀ O ₃	2-Methoxy ethyl acetate	144.6	Nonazeotrope		575
5164	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		575
5165	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
A =	C₃H₆Cl₂	2,2-Dichloropropane	70.4			
5166	C ₃ H ₆ O	Allyl alcohol	96.85	< 70.0		575
5167	C ₃ H ₆ O ₂	Ethyl formate	54.15	Nonazeotrope		547

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₃H₆Cl₂	2,2-Dichloropropane (continued)		70.4		
5168	C ₃ H ₆ O ₂	Methyl acetate	57.0		Nonazeotrope	547
5169	C ₃ H ₈ O	Isopropyl alcohol	82.4	66.8	83	567
5170	C ₃ H ₈ O	Propyl alcohol	97.2	< 70.1	> 89	575
5171	C ₃ H ₈ O ₂	Ethyl acetate	77.15		Nonazeotrope	547
5172	C ₄ H ₈ O ₂	Methyl propionate	79.85		Nonazeotrope	547
5173	C ₄ H ₈ O ₂	Propyl formate	80.85		Nonazeotrope	547
5174	C ₄ H ₉ NO ₂	Butyl nitrite	78.2		Nonazeotrope	550
5175	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1		Nonazeotrope	550
5176	C ₄ H ₁₀ O	Butyl alcohol	117.8		Nonazeotrope	575
5177	C ₄ H ₁₀ O	Isobutyl alcohol	108.8		Nonazeotrope	575
5178	C ₆ H ₆	Benzene	80.15		Nonazeotrope	575
5179	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope	575
5180	C ₆ H ₁₂	Methylcyclopentane	72.0	< 69.5	< 70	575
5181	C ₆ H ₁₄	Hexane	68.8	< 68.0	> 40	575
5182	C ₆ H ₁₄ O	Isopropyl ether	68.3	74.0	60	559
A =	C₃H₆Cl₂O	1,3-Dichloro-2-propanol		175.8		
5183	C ₂ H ₇ NO ₂	Ethyl carbamate	185.25		Nonazeotrope	575
5186	C ₄ H ₆ O ₄	Methyl oxalate	164.45		Nonazeotrope	575
5185	C ₅ H ₄ O ₃	2-Furaldehyde	161.45		Nonazeotrope	527
5186	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	< 147.4	> 4	575
5187	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35		Nonazeotrope	526
5188	C ₆ H ₃ Cl ₃	1,3,5-Trichlorobenzene	208.4		Nonazeotrope	575
5189	C ₆ H ₄ BrCl	<i>p</i> -Bromochlorobenzene	196.4		Nonazeotrope	575
5190	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	170.5	60	567
5191	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.35	168.2	45	530
5192	C ₆ H ₅ Br	Bromobenzene	156.1	155.5	~ 9	572
5193	C ₆ H ₅ I	Iodobenzene	188.55	173	~ 70	573
5194	C ₆ H ₆ O	Phenol	181.5		Nonazeotrope	563
5195	C ₆ H ₁₀ O	Cyclohexanone	155.7		Nonazeotrope	552
5196	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65		Nonazeotrope	575
5197	C ₆ H ₁₂ O	Cyclohexanol	160.7		Nonazeotrope	530
5198	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	~ 170		563
5199	C ₆ H ₁₃ Br	1-Bromohexane	156.5	154.5	15	567
5200	C ₆ H ₁₄ O	Hexyl alcohol	157.85		Nonazeotrope	575
5201	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25		Nonazeotrope	526
5202	C ₆ H ₁₄ O ₂	Pinacol	174.35	< 173.6	< 45	575
5203	C ₇ H ₆ O	Benzaldehyde	179.2	< 174	> 85	563
5204	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	171.8	36	564
5205	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.45	170.45	61	573
5206	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	172.8	~ 68	534
5207	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.3	168.9	57	573
5208	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	158.0	15	538
5209	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	160.0	22	538
5210	C ₇ H ₈	Toluene	110.75		Nonazeotrope	575
5211	C ₇ H ₈ O	Anisole	153.85		Nonazeotrope	556
5212	C ₇ H ₈ O	<i>o</i> -Cresol	191.1		Nonazeotrope	575
5213	C ₇ H ₁₄	Methylcyclohexane	101.15		Nonazeotrope	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₆Cl₂O	1,3-Dichloro-2-propanol	175.8			
		(continued)				
5214	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		527
5215	C ₇ H ₁₆ O	Heptyl alcohol	176.15	174.2	47	575
5216	C ₈ H ₈	Styrene	145.8	~143.5	~15	532
5217	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		552
5218	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		575
5219	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		563
5220	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	Nonazeotrope		575
5221	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	<167.0		575
5222	C ₉ H ₁₀ O	<i>p</i> -Methylanisole	177.05	173.1	59	556
5223	C ₈ H ₁₀ O	Phenetole	170.45	168.8	37	556
5224	C ₈ H ₁₄ O	Methyl heptenone	173.2	179.0	65?	552
5225	C ₈ H ₁₆ O	2-Octanone	172.85	179.0	67?	552
5226	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		575
5227	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
5228	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	175.35	85	564
5229	C ₉ H ₈	Indene	183.0	173.5	66.5	541
5230	C ₉ H ₁₂	Cumene	152.8	<152.5		575
5231	C ₉ H ₁₂	Mesitylene	164.6	161.5	32	567
5232	C ₉ H ₁₂	Propylbenzene	159.3	157.5	20	575
5233	C ₉ H ₁₂	Pseudocumene	168.2	164.4	37	541
5234	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	177.5	>85	552
5235	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		575
5236	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		575
5237	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		541
5238	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		575
5239	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
5240	C ₁₀ H ₁₄	Butylbenzene	183.1	172.0	65	567
5241	C ₁₀ H ₁₄	Cymene	~176.7	165.5	55	532
5242	C ₁₀ H ₁₆	Camphene	159.5	152.8	~38	572
5243	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	165.75	57	563
5244	C ₁₀ H ₁₆	Nopinene	163.8	156.5	43	567
5245	C ₁₀ H ₁₆	α -Terpinene	173.4	<165.0	<56	575
5246	C ₁₀ H ₁₆	α -Phellandrene	171.5	163	43	563
5247	C ₁₀ H ₁₆	α -Pinene	155.8	150.4	36.5	528
5248	C ₁₀ H ₁₆	γ -Terpinene	181.5	166.8	62	538
5249	C ₁₀ H ₁₆	Terpinolene	185	168	70	563
5250	C ₁₀ H ₁₆	Thymene	179.7	166.5	60	532
5251	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575
5252	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		575
5253	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	155	~38	532
5254	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	165.9	48	541
5255	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		575
5256	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
A =	C₃H₆Cl₂O	2,3-Dichloro-1-propanol	182.5			
5257	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	>186.5	>20	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_3H_6Cl_2O$	2,3-Dichloro-1-propanol (continued)	182.5			
5258	$C_4H_6O_4$	Methyl oxalate	164.45	Nonazeotrope		575
5259	$C_5H_{12}O_3$	2-(2-Methoxyethoxy)-ethanol	192.95	Nonazeotrope		575
5260	$C_6H_4Cl_2$	<i>o</i> -Dichlorobenzene	179.5	174.2	40	567
5261	$C_6H_4Cl_2$	<i>p</i> -Dichlorobenzene	174.4	170.8	30	575
5262	C_6H_5Br	Bromobenzene	156.1	Nonazeotrope		575
5263	C_6H_5I	Iodobenzene	188.45	177.2	57	567
5264	C_6H_6O	Phenol	181.5	Azeotrope doubtful		563
5265	C_6H_7N	Aniline	184.35	~181		563
5266	$C_6H_{10}O$	Cyclohexanone	155.7	Nonazeotrope		552
5267	$C_6H_{10}O_4$	Ethyl oxalate	185.65	Nonazeotrope		575
5268	$C_6H_{12}O$	Cyclohexanol	160.8	Nonazeotrope		575
5269	$C_6H_{14}O$	Hexyl alcohol	157.85	Nonazeotrope		575
5270	$C_6H_{14}O_2$	2-Butoxyethanol	171.15	Nonazeotrope		575
5271	C_7H_7Br	<i>m</i> -Bromotoluene	184.3	175.8	50	567
5272	C_7H_7Br	<i>o</i> -Bromotoluene	181.75	171.6	45	563
5273	C_7H_7Br	<i>p</i> -Bromotoluene	185	176.2	52	575
5274	C_7H_7Cl	α -Chlorotoluene	179.35	171	40	563
5275	C_7H_7Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		575
5276	C_7H_8	Toluene	110.75	Nonazeotrope		575
5277	C_7H_8O	Benzyl alcohol	205.25	Nonazeotrope		575
5278	C_7H_8O	<i>o</i> -Cresol	191.1	Nonazeotrope		542
5279	C_7H_{14}	Methylcyclohexane	101.15	Nonazeotrope		575
5280	$C_7H_{14}O$	2-Methylcyclohexanol	168.5	Nonazeotrope		575
5281	C_7H_{16}	Heptane	98.4	Nonazeotrope		575
5282	C_8H_8O	Acetophenone	202.0	Nonazeotrope		552
5283	C_8H_{10}	<i>m</i> -Xylene	139.0	Nonazeotrope		532
5284	C_8H_{10}	<i>o</i> -Xylene	144.3	Nonazeotrope		575
5285	$C_8H_{10}O$	Benzyl methyl ether	167.8	Nonazeotrope		575
5286	$C_8H_{10}O$	<i>p</i> -Methylanisole	177.05	175.5	32	575
5287	$C_8H_{16}O$	2-Octanone	172.85	184.0		552
5288	$C_8H_{18}O$	Octyl alcohol	195.2	Nonazeotrope		575
5289	$C_8H_{18}O$	<i>sec</i> -Octyl alcohol	178.7	~175		563
5290	C_9H_8	Indene	182.4	172.5	~57	532
5291	C_9H_{12}	Mesitylene	164.6	163	18	575
5292	$C_9H_{18}O_2$	Isoamyl butyrate	181.05	180.9?		575
5293	$C_9H_{18}O_2$	Isobutyl isovalerate	171.2	Nonazeotrope		575
5294	$C_{10}H_8$	Naphthalene	218.1	Nonazeotrope		563
5295	$C_{10}H_{14}$	Cymene	176.7	172.5	42	567
5296	$C_{10}H_{16}$	Camphene	159.6	156.0	25	532
5297	$C_{10}H_{16}$	<i>d</i> -Limonene	177.8	169.3	40	563
5298	$C_{10}H_{16}$	Nopinene	163.8	158.0	37	567
5299	$C_{10}H_{16}$	α -Pinene	155.8	153	20	532
5300	$C_{10}H_{16}$	α -Terpinene	173.4	<167.5	>40	575
5301	$C_{10}H_{16}$	γ -Terpinene	183	<173.5	<60	575
5302	$C_{10}H_{16}$	Terpinolene	~185	~174		563

No.	B-Component		B.P., °C	Azeotropic Data		
	Formula	Name		B.P., °C	Wt. % A	Ref.
A =	C₃H₈Cl₂O	2,3-Dichloro-1-propanol	182.5			
		(continued)				
5303	C ₁₀ H ₁₆	Thymene	179.7	170.8	50	532
5304	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope (reacts)		575
5305	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		575
5306	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
A =	C₃H₆O	Acetone	56.15			
5307	C ₃ H ₈ O	Allyl alcohol	96.85	Nonazeotrope		552
5308	C ₃ H ₆ O	Propionaldehyde	48.7	Nonazeotrope		552
5309	C ₃ H ₆ O ₂	Ethyl formate	54.15	Nonazeotrope		552
5310	C ₃ H ₆ O ₂	Methyl acetate	57	55	50	552,834
		"		55.8	48.3	497
		"	57.1	55.7	49.2	v-l 682
5311	C ₃ H ₇ Br	1-Bromopropane	71.0	56.13	98	552
		"	71.0	Nonazeotrope		389
5312	C ₃ H ₇ Br	2-Bromopropane	59.4	54.12	42	552
5313	C ₃ H ₇ Cl	1-Chloropropane	46.65	45.8	15	555
5314	C ₃ H ₇ Cl	2-Chloropropane	34.9	Nonazeotrope		552
5315	C ₃ H ₇ I	2-Iodopropane	89.45	Nonazeotrope		552
5316	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		552
5317	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		552
5318	C ₃ H ₈	Propane crit press.		Nonazeotrope		v-l 442
5319	C ₃ H ₈ O	Isopropyl alcohol	82.3	Nonazeotrope		v-l 151,152,
		55°C.		Nonazeotrope		v-l 290c
		710 mm.		Nonazeotrope		v-l 36k
		"	82.3	Nonazeotrope		v-l 552,290c
5320	C ₃ H ₈ O	<i>n</i> -Propyl alcohol	97.2	Nonazeotrope		552
5321	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		552
5322	C ₃ H ₈ S	Propanethiol	67.5	54.5	~67	563
5323	C ₃ H ₈ BO ₃	Methyl borate	68.7	55.45	82.5	552
5324	C ₃ H ₉ N	Propylamine	49.7	< 48.0	> 20	551
5325	C ₄ H ₄ O ₂	Diketene		Nonazeotrope		981
5326	C ₄ H ₄ S	Thiophene	84.7	Nonazeotrope		552
5327	C ₄ H ₆ O ₂	Vinyl acetate	72.7	Nonazeotrope		981
		"	72	Nonazeotrope		v-l 862
5328	C ₄ H ₆ O ₃	Acetic anhydride	139.6	Nonazeotrope		v-l 428
5329	C ₄ H ₇ Cl	1-Chloro-2-methylpropene	68	55.6	81	703
5330	C ₄ H ₈ O	2-Butanone,				
		15-500 p.s.i.a.		Nonazeotrope		v-l 726
		"	79.6	Nonazeotrope		813
		"	79.5	Nonazeotrope		v-l 31f,190b
5331	C ₄ H ₈ O	Butyraldehyde	75.2	Nonazeotrope		552
5332	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		552
5333	C ₄ H ₈ O ₂	Dioxane	101.4	Nonazeotrope		201
5334	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		834
		"	77.1	Nonazeotrope		v-l 931

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₃H₆O	Acetone (continued)	56.15			
5335	C ₄ H ₈ O ₂	Isopropyl formate	68.8	Nonazeotrope		552
5336	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope		552
5337	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		552
5338	C ₄ H ₉ Cl	2-Chlorobutane	68.25	55.75	80	552
5339	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	55.75	75	552
5340	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	49.2	25	552
5341	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		552
5342	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		552
5343	C ₄ H ₁₀	Butane crit. press		Nonazeotrope		v-l 442
5344	C ₄ H ₁₀ O	Butyl alcohol	117.7	Nonazeotrope		v-l 96
		At 25°C.		Nonazeotrope		v-l 282
5345	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	Nonazeotrope		552
5346	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		371,563,834
5347	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		552
5348	C ₄ H ₁₀ O	Methyl propyl ether	38.9	Nonazeotrope		563
5349	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		566
5350	C ₄ H ₁₁ N	Butylamine	77.8	Nonazeotrope		551
5351	C ₄ H ₁₁ N	Diethylamine	55.5	51.39	38.21	551,633
5352	C ₄ H ₁₁ N	Isobutylamine	68.0	< 56.0	< 96	551
5353	C ₅ H ₅ N	Pyridine	115	Nonazeotrope		v-l 428
5354	C ₅ H ₆	Cyclopentadiene	41.0	Min. b.p.		258
5355	C ₅ H ₈	Isoprene	34.3	30.5	20	258,552
		"	34.1	33.8	5.3	v-l 716
5356	C ₅ H ₈	3-Methyl-1,2-butadiene	40.8	35.3	27	552
5357	C ₅ H ₈	Piperylene	42.5	Min. b.p.		258
		"	42.3	41.4	18.1	v-l 716
5358	C ₅ H ₈ O ₂	Isopropenyl acetate	96.5	Nonazeotrope		413
5359	C ₅ H ₁₀	Cyclopentane	49.3	41.0	36	552
5360	C ₅ H ₁₀	2-Methyl-1-butene	31.05	Min. b.p.		258
		"	31.1	30.1	11.9	v-l 716
5361	C ₅ H ₁₀	2-Methyl-2-butene	38.5	35.6	21.1	v-l 716
		"	37.1	32.5	22	258,552
5362	C ₅ H ₁₀	3-Methyl-1-butene	20.6	19.7	7	258,552
5363	C ₅ H ₁₀	1-Pentene	30.1	Min. b.p.		258
		"	29.97	28.9	19 vol. %	826
5364	C ₅ H ₁₀	2-Pentene	36.4	Min. b.p.		258
5365	C ₅ H ₁₀ O ₂	Isopropyl acetate	88.7	Nonazeotrope		981
5366	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		v-l 931
5367	C ₅ H ₁₂	2-Methylbutane	27.9	25.6	14.4	v-l 716
		"	27.95	25.7	12	552
5368	C ₅ H ₁₂	Pentane	36.15	31.9	21	552
		"	36.15	32.5	20	366
		"		Nonazeotrope		366
		< 100 mm.				v-l 779
		—35°–25°C.				v-l 442
		crit. pres.		194.5	17	v-l 442
		"	36.1	31.86	21.9	v-l 590
		crit. press.		194.5	17	v-l 442,148c

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.	
A =	C₃H₆O	Acetone (<i>continued</i>)	56.15				
5369	C ₈ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		552	
5370	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	< 56.1	< 95	552	
5371	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		552	
5372	C ₆ H ₅ Cl	Chlorobenzene	131.6	Nonazeotrope	v-1	722	
5373	C ₆ H ₅ F	Fluorobenzene	84.9	Nonazeotrope		552	
5374	C ₆ H ₆	Benzene	80.1	Nonazeotrope	v-1	261,722, 802,903	
		" 45°C.		Nonazeotrope	v-1	92	
		" 80.1		Nonazeotrope	v-1	126	
		" 2 atm. to crit. press.		Nonazeotrope	v-1	122c	
5375	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope	v-1	668c,563	
5376	C ₆ H ₈	1,3-Cyclohexadiene	80.4	< 55	< 85	552	
5377	C ₆ H ₁₀	Biallyl	60.1	47.1	45	552	
5378	C ₆ H ₁₂	Cyclohexane	80.75	53.0	67	273,552	
		" 80.75		53.0	67.5 v-1	503	
		" 80.75			67	735	
		"			68 v-1	621	
		"		55	69 v-1	621	
		"		45	69.3 v-1	621	
		"		35	66.7 v-1	621	
5379	C ₆ H ₁₂	1-Hexene	63.6	50.1	51.4 v-1	716	
		" 35°C.			52 v-1	496g	
5380	C ₆ H ₁₂	Methylcyclopentane	72.0	50.3	57	516,552	
		" 72.0			57	735	
5381	C ₆ H ₁₂	1,1,2-Trimethyl- cyclopropane	52.6	42.3	32 vol. %	826	
5382	C ₆ H ₁₂ O	4-Methyl-2-pentanone	115.9	Nonazeotrope	v-1	438	
5383	C ₆ H ₁₂ O ₂	Butyl acetate	126.2	Nonazeotrope	v-1	186	
5384	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	46.3	42	552	
		" 58.0			46.5	735	
		" 58		44.7	37.4 v-1	638c	
		"		45.5	~40 v-1	1026c	
5385	C ₆ H ₁₄	Hexane	68.95	49.8	59	735,981	
		" 68.7		49.6	53	716	
		" crit. press.		220	47 v-1	442	
		" -35°-25°C.				779	
		" 900 mm.		55	55.2 v-1	498	
		" 68.7		49.7	54.5 v-1	498	
		" 648 mm.		45.0	54.4 v-1	498	
		" 447 mm.		35.0	53.9 v-1	498	
		"				498	
		"		51.8	63.4	497	
		" 68.8		49.7	53.5	552	
5385a	C ₆ H ₁₄ O	Hexyl alcohol		Nonazeotrope	v-1	779e	
5386	C ₆ H ₁₄ O	Isopropyl ether	69.0	54.2	61	261	

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₆O	Acetone (<i>continued</i>)	56.15			
5387	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		552
5388	C ₆ H ₁₄ O ₂	Acetal	104.5	Nonazeotrope		563
5389	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		551
5390	C ₇ H ₆ O ₂	Benzoic acid	249.5	Nonazeotrope		575
5391	C ₇ H ₈	Toluene	110.75	Nonazeotrope		552
5392	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		552
5393	C ₇ H ₁₆	Heptane	98.4	55.85	89.5	552
		"	98.45	Nonazeotrope		359
		"	98.4		89.5	735
		"	98.4	b.p. curve		716
		" crit. press.		232	80	v-l 442
5394	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		552
5395	C ₈ H ₁₈	Octane crit. press.		Nonazeotrope		442
5396	C ₁₀ H ₂₂	Decane crit. pres.		Nonazeotrope		442
5397	C ₁₃ H ₂₈	Tridecane crit. press.		Nonazeotrope		442
A =	C₃H₆O	Allyl Alcohol	96.95			
5397a	C ₃ H ₆ O	Propylene oxide	35	Nonazeotrope	v-l	190b
5398	C ₃ H ₆ O ₃	Methyl carbonate	90.5	86.4	23	527
5399	C ₃ H ₇ Br	1-Bromopropane	71.0	69.5	9	532
5400	C ₃ H ₇ Br	2-Bromopropane	59.4	Nonazeotrope		527
5401	C ₃ H ₈ O	Isopropyl alcohol	82.3	Nonazeotrope	v-l	468
5402	C ₃ H ₈ O	Propyl alcohol	97.2	96.73	74	569
5403	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	Nonazeotrope		575
5404	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		552
5405	C ₄ H ₈ OS	Ethyl thioacetate	116.5	< 96.5		575
5406	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		527
5407	C ₄ H ₈ O ₂	Ethyl acetate	77.05	Nonazeotrope		563
5408	C ₄ H ₈ O ₂	Methyl propionate	79.7	Nonazeotrope		527
5409	C ₄ H ₈ O ₂	Propyl formate	80.8	80.5		536
5410	C ₄ H ₉ Br	1-Bromobutane	101.5	89.5	30	527
5411	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.6	83.9	18	875
5412	C ₄ H ₉ Cl	1-Chlorobutane	78.5	74.5	15	567
5413	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	67	~ 7	875
5414	C ₄ H ₉ I	1-Iodobutane	130.4	< 96.4	< 74	575
5414a	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	93.8		571c
5415	C ₄ H ₁₀ O	sec-Butyl alcohol	99.6	Nonazeotrope		563
		"	99.5	Nonazeotrope	v-l	998
		" 100 mm.		Nonazeotrope	v-l	998
5416	C ₄ H ₁₀ S	Ethyl sulfide	92.1	85.1	45	527
5417	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		553
5418	C ₅ H ₈ O	Allyl vinyl ether			10	1008
		"	67.4	66.6	5	981
5419	C ₅ H ₈ O ₂	Allyl acetate		95.1	63	3
		"	104	Min. b.p		4
5420	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	93.5	36	552
5421	C ₅ H ₁₀ O	2-Pentanone	102.35	96.0	70	552
5422	C ₅ H ₁₀ O	3-Pentanone	102.05	95.95	72	552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₆O	Allyl Alcohol (<i>continued</i>)	96.95			
5423	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	~ 93.2	~ 54	875
5424	C ₇ H ₁₀ O ₂	Isobutyl formate	98.3	93	~ 52	875
5425	C ₅ H ₁₀ O ₂	Methyl butyrate	102.75	< 94.7	< 51	527
5426	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	89.8	28	527
5427	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	94.6	52	527
5427a	C ₈ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	94.4		571c
5428	C ₈ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	88.3	29	527
5429	C ₃ H ₁₂ O ₂	Diethoxymethane	87.95	< 87.0	>11	527
5430	C ₆ H ₅ Cl	Chlorobenzene	131.8	96.5	82.5	527
5431	C ₆ H ₆	Benzene	80.2	76.75	17.36	834,875,1005
5432	C ₆ H ₈	1,3-Cyclohexadiene	80.8	75.9	~21	875
5433	C ₆ H ₁₀	Cyclohexene	82.75	76.3	~21.7	875
5434	C ₆ H ₁₀ O	Allyl ether	94.84	89.8	30.0	875
5435	C ₆ H ₁₂	Cyclohexane	80.75	74	~20	875
		"	80.8	74.0	58	413
5436	C ₆ H ₁₂	Methylcyclopentane	72.0	67.8	<10	567
5437	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	~96.2		536
5438	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		527
5439	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	< 56.7		575
5440	C ₆ H ₁₄	Hexane	68.95	65.5	4.5	875
		"	68.8		12.5	480
5441	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		981
5442	C ₆ H ₁₄ O	Propyl ether	90.1	85.7	30	527
5443	C ₇ H ₈	Toluene	110.6	91-92	50	834,875
5444	C ₈ H ₁₄	Methylcyclohexane	101.1	85.0	42	537
5445	C ₇ H ₁₆	Heptane	98.45	84.5	~37	537
5446	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		537
5447	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	89.3	50	567
5448	C ₈ H ₁₈	Octane	125.75	93.4	68	567
5449	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
5450	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		575
5451	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		537
5452	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		537
A =	C₃H₆O	Propionaldehyde	48.7			
5453	C ₃ H ₆ O	Propylene oxide, 30 p.s.i.g.	69	Nonazeotrope		981
5454	C ₃ H ₆ O ₂	Methyl acetate	56.95	Nonazeotrope		575
5455	C ₃ H ₇ Cl	1-Chloropropane	46.65	< 46.4		575
5456	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.0	Nonazeotrope		548
5457	C ₃ H ₇ NO ₂	Propyl nitrite	57.75	< 47.3	>18	548
5458	C ₃ H ₈ O	Cyclopropyl methyl ether	44.73	43		878
5459	C ₃ H ₆ O	2-Methylfuran	63.7	Nonazeotrope		769
A =	C₃H₆O	Propylene Oxide	35			
5460	C ₃ H ₁₀ O	Ethyl ether	34.5	32.6	49.6	707
5461	C ₅ H ₈	Cyclopentene	43.6	Min. b.p.		1014
5462	C ₅ H ₈	Isoprene	34.5	31.6	60	1014

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₅H₁₀O₂	Propylene Oxide	35			
	<i>(continued)</i>					
5463	C ₅ H ₁₀	Cyclopentane	49.4	Min.	b.p.	1014
5464	C ₅ H ₁₀	2-Methyl-1-butene	32	27	47	1014
5465	C ₅ H ₁₀	Pentenes		Min.	b.p.	1014
5466	C ₅ H ₁₀	2-Pentene	35.8	30	54	1014
5467	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		558
5468	C ₅ H ₁₂	Pentanes		Min.	b.p. azeotrope	1014
5469	C ₅ H ₁₂	Pentane	36	27.5	57	1014
5470	C ₆ H ₁₂	Cyclohexane	80.75	Min.	b.p.	1014
5471	C ₆ H ₁₂	Hexenes		Min.	b.p.	1014
5472	C ₆ H ₁₄	Hexanes		Min.	b.p., azeotrope	1014
A =	C₃H₈O_S	Methyl Thioacetate	95.5			
5473	C ₃ H ₈ O	Isopropyl alcohol	82.4	< 81.5		575
5474	C ₃ H ₈ O	Propyl alcohol	97.2	< 91.5		575
5475	C ₄ H ₉ ClO	Chloroethyl ethyl ether	98.5	< 95.2	>85	575
5476	C ₄ H ₁₀ S	Ethyl sulfide	92.1	< 91.0	>28	575
5477	C ₄ H ₁₀ S	2-Methyl-1-propanethiol	87.8	< 87.2	<12	575
A =	C₃H₆O₂	1,3-Dioxolane	75.6			
5478	C ₆ H ₆	Benzene	80.2	74	85	515
5479	C ₇ H ₈	Toluene	110.6	Nonazeotrope		981
5480	C ₇ H ₁₆	Heptane	98.4	72.3	81	981
5481	C ₈ H ₁₈ O	Butyl ether	142.1	Nonazeotrope		981
5482	C ₉ H ₂₀	Nonane	150.8	Nonazeotrope		981
A =	C₃H₆O₂	Ethyl Formate	54.1			
5483	C ₃ H ₆ O ₂	Methyl acetate	56.25	Nonazeotrope		532
5484	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		538
5485	C ₃ H ₇ Br	2-Bromopropane	59.35	53	69	527
		"	59.35	53.0	59.4	579,720
5486	C ₃ H ₇ Cl	1-Chloropropane	46.65	46.25	15	555
5487	C ₃ H ₇ Cl	2-Chloropropane	34.15	Nonazeotrope		547
5488	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		549
5489	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	47.4	12	527
5490	C ₃ H ₈ O	Isopropyl alcohol	82.35	Nonazeotrope		536
5491	C ₃ H ₈ O ₂	Methylal	42.25	Nonazeotrope		557
5492	C ₃ H ₈ S	1-Propanethiol	67.5	~52		561
5493	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		575
5494	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.9	Nonazeotrope		563
5495	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	51.6	48.5	35	547
5496	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		557
5497	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		557
5498	C ₅ H ₈	Isoprene	34.2	< 32.5	<24	562
5499	C ₅ H ₁₀	Cyclopentane	49.4	< 42.0	<45.0	562
5500	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		563
5501	C ₅ H ₁₂	2-Methylbutane	27.95	26.5	18	531
5502	C ₅ H ₁₂	Pentane	36.2	32.5	30	546
5503	C ₅ H ₁₂ O	Ethyl propyl ether	63.6	Nonazeotrope		557
5504	C ₆ H ₆	Benzene	80.2	Nonazeotrope		563
5505	C ₆ H ₁₀	Biallyl	60.2	~45.2	~58	573

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₃H₆O₂	Ethyl Formate (<i>continued</i>)	54.1			
5506	C ₆ H ₁₂	Methylcyclopentane	72.0	51.2	75	562
5507	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	45.0	52	562
5508	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	49.0	~67	573
5509	C ₉ H ₁₀ O ₂	Ethyl benzoate	213	Vapor pressure curve		563
5510	C ₈ H ₁₂	Pseudocumene	169	Vapor pressure data		563
A =	C₃H₈O₂	Glycidol				
5510a	C ₉ H ₁₂	Cumene	14 mm.	38		54c
		"	50 mm.	63	21	54c
A =	C₃H₈O₂	Methyl Acetate	56.95			
5511	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		538
5512	C ₃ H ₇ Br	2-Bromopropane	59.35	56	68	527
		"	59.35	55.6	14.5	579
5513	C ₃ H ₇ Cl	1-Chloropropane	46.65	Nonazeotrope		555
5514	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		550
5515	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		549
5516	C ₃ H ₈ O	Isopropyl alcohol	82.35	Nonazeotrope		v-l 536,680
5517	C ₃ H ₈ O ₂	Methylal	42.25	Nonazeotrope		557
5518	C ₃ H ₇ BO ₃	Methyl borate	68.7	Nonazeotrope		575
5519	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		527
		"	79.5	Nonazeotrope		v-l 31f
5520	C ₄ H ₈ O	Butyraldehyde	75.5	Nonazeotrope		548
5521	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		575
5521a	C ₄ H ₈ O ₂	Ethyl acetate	77	Nonazeotrope		v-l 507k
5522	C ₄ H ₈ O ₂	Isopropyl formate	68.8	Nonazeotrope		575
5523	C ₄ H ₉ Cl	2-Chlorobutane	68.25	Nonazeotrope		575
5524	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.9	Nonazeotrope		563
5525	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	51.6	Nonazeotrope		538
5526	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		550
5527	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		557
5528	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.9	Nonazeotrope		557
5529	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		557
5530	C ₄ H ₁₁ N	Diethylamine	56	~53		563
5531	C ₅ H ₆ O	2-Methylfuran	63.7	Nonazeotrope		557,769
5532	C ₅ H ₈	Cyclopentene	44.4	41.7	27.7	354
5533	C ₅ H ₁₀	Cyclopentane	49.3	43.2	37.9	354
5534	C ₅ H ₁₀	2-Methyl-2-butene	37.2	< 36.9	< 12	575
5535	C ₅ H ₁₀	1-Pentene	30.1	30.0	3.3	354
5536	C ₅ H ₁₂	Pentane	36.08	34.05	22	354
		"	36.15	Nonazeotrope		537
5537	C ₆ H ₆	Benzene	80.2	Nonazeotrope		v-l 563,681,406a
		"	80.1	56.7	99.7	354
5538	C ₆ H ₈	1,3-Cyclohexadiene	80.25	56.7	98.0	354
5539	C ₆ H ₁₀	Biallyl	60.0	51	60	537
5540	C ₆ H ₁₀	Cyclohexene	83	Nonazeotrope		546
		"	83.1	56.5	90.2	354

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₆O₂	Methyl Acetate (<i>continued</i>)	56.95			
5541	C ₆ H ₁₂	Cyclohexane	80.6	54.9	83.0	354
		"	80.8	Nonazeotrope		546
		"	80.7	55.5	78	v-1 681
5542	C ₆ H ₁₂	2,3-Dimethyl-1-butene	55.62	48.95	42.8	354
5543	C ₆ H ₁₂	2,3-Dimethyl-2-butene	73.38	55.1	71.8	354
5544	C ₆ H ₁₂	3,3-Dimethyl-1-butene	41.4	39.9	8.8	354
5545	C ₆ H ₁₂	2-Ethyl-1-butene	64.8	52.8	60.1	354
5546	C ₆ H ₁₂	1-Hexene	63.58	52.5	63.6	354
5547	C ₆ H ₁₂	<i>cis</i> -2-Hexene	68.55	53.7	69.8	354
5548	C ₆ H ₁₂	3-Methyl-2-pentene	70.64	54.45	73.7	354
5549	C ₆ H ₁₂	4-Methyl-1-pentene	54.0	48.3	36.7	354
5550	C ₆ H ₁₂	<i>trans</i> -4-Methyl- 2-pentene	58.45	50.0	51.3	354
5551	C ₆ H ₁₂	Methylcyclopentane	71.8	53.0	68.0	354
5552	C ₆ H ₁₄	2,2-Dimethylbutane	49.65	43.7	38.2	354
5553	C ₆ H ₁₄	2,3-Dimethylbutane	58.05	48.0	48.25	354
		"	58.0	51.2	50	575
5554	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	< 56.65	< 90	575
		"		51.8	63.4	497
		"	68.85	51.75	60.7	354
5555	C ₆ H ₁₄	2-Methylpentane	60.2	49.25	51.6	354
5556	C ₆ H ₁₄	3-Methylpentane	63.25	50.05	57.4	354
5557	C ₇ H ₁₆	2,4-Dimethylpentane	80.7	54.7	72.4	354
5558	C ₇ H ₁₆	Heptane	98.45	56.65	96.45	354
5559	C ₇ H ₁₆	2-Methylhexane	90.0	56.0	88.6	354
5560	C ₇ H ₁₆	3-Methylhexane	91.85	56.3	84.9	354
5561	C ₇ H ₁₆	2,2,3-Trimethylbutane	80.9	55.1	74.2	354
A =	C₃H₆O₂	Propionic Acid	140.9			
5562	C ₃ H ₇ I	1-Iodopropane	102.4	Nonazeotrope		542
5563	C ₄ H ₆ Cl ₂ O ₂	Ethyl dichloroacetate	158.1	Nonazeotrope		575
5564	C ₄ H ₆ O ₃	Acetic anhydride	138	Nonazeotrope		v-1 718
5565	C ₄ H ₆ O ₃	Methyl pyruvate	137.5	< 137.2	> 75	552
5566	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.8	Nonazeotrope		527
5567	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	< 140.35	< 61	527
5568	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		v-1 722
5569	C ₄ H ₈ O ₂	Butyric acid	163.5	Nonazeotrope		v-1 26
5570	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		527
5571	C ₄ H ₉ Br	1-Bromobutane	101.5	Nonazeotrope		527
5572	C ₄ H ₉ I	1-Iodobutane	130.4	126.8	15	527
5573	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.4	119.3	7	527
5574	C ₄ H ₉ NO ₃	Isobutyl nitrate	123.5	122.0	9	559
5575	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		566
5576	C ₃ H ₄ O ₂	2-Furaldehyde	161.5	Nonazeotrope		563
5577	C ₅ H ₅ N	Pyridine	115.5	148-150	74	419
		"	115.5	148.6	67.2	1068
5578	C ₅ H ₈ O	Cyclopentanone	130.65	Nonazeotrope		552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₃H₆O₂	Propionic Acid (continued)	140.9			
5579	C ₅ H ₈ O ₂	2,4-Pentanedione	138	144	~70	563
5580	C ₅ H ₈ O ₃	Ethyl pyruvate	155.5	Nonazeotrope		552
5581	C ₅ H ₉ ClO ₂	Propyl chloroacetate	163.5	Nonazeotrope		575
5582	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.5	Nonazeotrope		575
5583	C ₅ H ₁₀ O ₃	2-Methoxy ethyl acetate	144.6	146.85	36	568
5584	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	119.45	7.5	527
5585	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		527
5586	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	136.5	42	527
5587	C ₅ H ₁₁ NO	<i>N,N</i> -Dimethylpropion- amide	175.5	179.3	23.6	832
5588	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	~149.6	138.8	59	527
5589	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	Nonazeotrope		527
5590	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.6	Nonazeotrope		527
5591	C ₆ H ₅ Br	Bromobenzene	156.1	140.15		571
5592	C ₆ H ₅ Cl	Chlorobenzene	132.0	128.9	18	542
5593	C ₆ H ₆	Benzene	80.15	Nonazeotrope		527
5594	C ₆ H ₇ N	2-Picoline	131	~164		563
5595	C ₆ H ₇ N	3-Picoline	144	155-163		1032
		At 212 mm.		122	48.5	174,175
5596	C ₆ H ₇ N	4-Picoline	145.3	155-163		810
		At 212 mm.		124	48.1	174,175
5597	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		552
5598	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		552
5599	C ₆ H ₁₀ S	Allyl sulfide	139.35	134.6	40	555
5600	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		527
5601	C ₆ H ₁₂ O	2-Hexanone	127.2	Nonazeotrope		552
5602	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		552
5603	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		527
5604	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		527
5605	C ₆ H ₁₂ O ₂	Isoamyl formate	123.6	Nonazeotrope		563
5606	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		527
5607	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		526
5608	C ₆ H ₁₃ Br	1-Bromohexane	156.5	139.0	60	575
5609	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		507
5610	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		527
5611	C ₆ H ₁₄ S	Propyl sulfide	141.5	136.5	45	566
5612	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		575
5613	C ₇ H ₆ Br	<i>m</i> -Bromotoluene	184.3	Nonazeotrope		527
5614	C ₇ H ₆ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		527
5615	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	Nonazeotrope		527
5616	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	139.4	67	538
5617	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	139.8	~75	538
5618	C ₇ H ₈	Toluene	110.75	110.45	3	527
5619	C ₇ H ₈ O	Anisole	153.85	141.17	87	527
5620	C ₇ H ₉ N	2,6-Lutidine	144	155-163		810
		At 212 mm.		119	48.8	174,175

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₆O₂	Propionic Acid (continued)	140.9			
5621	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		575
5622	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		575
5623	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	Nonazeotrope		575
5624	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		527
5625	C ₇ H ₁₄ O ₂	Methyl caproate	149.7	Nonazeotrope		575
5626	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	Nonazeotrope		541
5627	C ₇ H ₁₆	Heptane	98.15	97.82	2.0	507
5628	C _n H _{2n}	Hydrocarbons	138-140	134	67	804
5629	C ₈ H ₈	Styrene	145.8	135.0	~ 47	545
5630	C ₈ H ₁₀	Ethylbenzene	136.15	131.1	28	563
		At 60 mm.	60.5	58.5	10	53
5631	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	132.65	35.5?	563
5632	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	135.4	43	527
5633	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	132.5	34	527
5634	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		527
5635	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		575
5636	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		527
5637	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	118.2	18	562
5638	C ₈ H ₁₆ O ₂	Amyl propionate		Nonazeotrope		804
5639	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		575
5640	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		527
5641	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	108.0	8	563
5642	C ₈ H ₁₈	Octane	125.75	121.5	< 30	563
		"	125.12	120.89	24	507
		"	125.12		24.2	v-1 427
		" Satd. with Na propionate			6	v-1 427
5643	C ₈ H ₁₈ O	Butyl ether	142.4	136.0	45	527
5644	C ₈ H ₁₈ O	Isobutyl ether	122.3	< 121.5	< 6	575
5645	C ₈ H ₇ N	Quinoline	237.3	Nonazeotrope		553
5646	C ₉ H ₈	Indene	182.6	Nonazeotrope		527
5647	C ₉ H ₁₂	Cumene	152.8	139.0	65	527
5648	C ₉ H ₁₂	Mesitylene	164.0	139.3	77	563
5649	C ₉ H ₁₂	Propylbenzene	158	139.5	75	527
5650	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		541
5651	C ₉ H ₂₀	Nonane	150.67	134.27	54	507
5652	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		527
5653	C ₁₀ H ₁₄	Cymene	175.5	Nonazeotrope		527
5654	C ₁₀ H ₁₆	Camphene	159.6	138	65	527
5655	C ₁₀ H ₁₆	<i>d</i> -Limonene	177	Nonazeotrope		563
5656	C ₁₀ H ₁₆	Nopinene	164	~ 139.0	~ 24	563
5657	C ₁₀ H ₁₆	α -Phellandrene	171.5	Nonazeotrope		563
5658	C ₁₀ H ₁₆	α -Pinene	155.8	136.4	58.5	542
5659	C ₁₀ H ₁₆	α -Terpinene	173.4	141.2	97	575
5660	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		575
5661	C ₁₀ H ₁₆	Thymene	179.7	139	~ 88	563
5662	C ₁₀ H ₁₈ O	Cineol	176.35	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₆O₂	Propionic Acid (<i>continued</i>)	140.9			
5663	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	193.5	Nonazeotrope		542
		Decane	173.3	< 140.5	< 95	562
		"	174.06	139.76	80.5	507
5665	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	138.3	70	563
5666	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		527
5667	C ₁₁ H ₂₄	Undecane	193.85	Nonazeotrope		507
A =	C₃H₆O₃	Ethylene Glycol Monoformate	180			
5668	C _n H _m	Hydrocarbons		Min. b.pt.		644
A =	C₃H₆O₃	Methyl Carbonate	90.35			
5669	C ₃ H ₇ Br	1-Bromopropane	71.0	Nonazeotrope		547
5670	C ₃ H ₇ I	1-Iodopropane	102.4	89.5	90	563
5671	C ₃ H ₇ I	2-Iodopropane	89.35	86.0	< 45	547
5672	C ₃ H ₈ O	Isopropyl alcohol	82.45	78.75	44	572
5673	C ₃ H ₈ O	Propyl alcohol	97.2	87	75	532
5674	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		527
5675	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		557
5676	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		575
5677	C ₄ H ₉ Br	1-Bromobutane	101.6	Nonazeotrope		547
5678	C ₄ H ₉ Br	2-Bromobutane	91.2	< 88.5	< 54	575
5679	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.6	87.5	< 50	547
5680	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope		575
5681	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		547
5682	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		527
5683	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	89.0	85	563
5684	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	80.65	33	570
5685	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	90.05	92	527
5686	C ₄ H ₁₀ S	Butanethiol	97.5	88.2	70	568
5687	C ₄ H ₁₀ S	Ethyl sulfide	92.1	86.8	53	568
5688	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		552
5689	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		575
5690	C ₆ H ₁₀ O ₂	Isopropyl acetate	91.0	Nonazeotrope		531
5691	C ₆ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		549
5692	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	< 90		575
5693	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		575
5694	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	86.0	40	527
5695	C ₆ H ₆	Benzene	80.2	80.17	1	572
5696	C ₆ H ₁₀ O	Mesityl oxide	129.45	126.45	94	552
5697	C ₆ H ₁₂	Cyclohexane	80.75	~ 75		563
5698	C ₆ H ₁₂	Methylcyclopentane	72.0	< 69.5	> 12	575
5699	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	< 67.0	< 20	575
5700	C ₆ H ₁₄ O	Propyl ether	90.55	< 87.5	< 58	557
5701	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		557
5702	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
5703	C ₇ H ₁₄	Methylcyclohexane	101.15	< 85.0	< 75	563
5704	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	82.35	6 1	569
		"	98.45	~ 88.5	~ 70	563
5705	C ₈ H ₈	Styrene	145	Min. b.pt.		342

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₆O₃	Methyl Carbonate (<i>continued</i>)	90.35			
5706	C ₈ H ₁₀	Ethylbenzene	136	Min. b.p.		342
5707	C ₈ H ₁₀	Xylenes	140	Min. b.p.		342
5708	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
5709	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	87.0	80	562
5710	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		575
A =	C₃F₆O₃	Methyl Glycolate	151.2			
5711	C ₈ H ₁₀	Ethylbenzene	136.15	Min. b.p.		163
5712	C ₈ H ₁₀	<i>m</i> -Xylene	139	Min. b.p.		163
A =	C₃H₆O₃	<i>s</i>-Trioxane	114.5			
5713	C ₆ H ₆	Benzene	80.1		v-1	866
5714	C ₆ H ₁₂	Cyclohexane	80.75	Min. b.p.		163
5715	C ₆ H ₁₂	Naphthenes	~ 80	Min. b.p.		513
5716	C ₆ H ₁₄	Hexanes	~ 70	Min. b.p.		513
5717	C ₇ H ₁₄	Naphthenes	~ 100	Min. b.p.		513
5718	C ₇ H ₁₆	Heptanes	~ 100	Min. b.p.		513
5719	C ₈ H ₁₀	Xylene	140	Min. b.p.		515
5720	C ₈ H ₁₆	Naphthenes	~ 120	Min. b.p.		513
5721	C ₈ H ₁₈	Octanes	~ 120	Min. b.p.		513
5722	C ₈ H ₂₀	Nonanes	~ 130	Min. b.p.		513
A =	C₃H₇Br	1-Bromopropane	71.0			
5723	C ₃ H ₈ O	Isopropyl alcohol	82.45	66.75	79.5	573
		"	82.45	65.2	84	563
5724	C ₃ H ₈ O	Propyl alcohol	97.6	69.75	90	389
5725	C ₃ H ₈ S	1-Propanethiol	67.5	Nonazeotrope		563
5726	C ₃ H ₇ BO ₃	Methyl borate	68.75	~ 67.8	~ 55	531
5727	C ₄ H ₄ S	Thiophene	84.7	Nonazeotrope		527
5728	C ₄ H ₈ O	Butyraldehyde	75.2	Nonazeotrope		575
5729	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		575
5730	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		527
5731	C ₄ H ₈ O ₂	Ethyl acetate	77.05	70	~ 80	563
		"	77.05	Nonazeotrope		532
5732	C ₄ H ₈ O ₂	Isopropyl formate	68.8	66.0	< 45	547
5733	C ₄ H ₈ O ₂	Methyl propionate	79.7	Azeotrope doubtful		563
5734	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		538
5735	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		549
		"	68.85	68.8	5	532
5736	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		550
5737	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	67.05	5	550
5738	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		527
5739	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	68.0	88	567
5740	C ₄ H ₁₀ O	Isobutyl alcohol	108.5	Nonazeotrope, b.p. curve		389
5741	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		559
5742	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.9	Nonazeotrope		559
5743	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₇Br	1-Bromopropane	(continued)	71.0		
5744	C ₃ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0	Nonazeotrope		535
5745	C ₃ H ₁₂ O	Ethyl propyl ether	63.85	Nonazeotrope		559
5746	C ₃ H ₁₂ O	Isoamyl alcohol	129.3	Nonazeotrope,		
				b.p. curve		389
5747	C ₆ H ₆	Benzene	80.2	Nonazeotrope		563
5748	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		563
5748a	C ₆ H ₁₂	1-Hexene	200 mm. 27.9	29.5	v-1	498f
		"	400 mm. 44.8	45.6	12.2 v-1	498f
		"	600 mm. 56.3	57.0	13.1 v-1	498f
		"	760 mm. 63.5	63.6	13.1 v-1	498f
5749	C ₆ H ₁₂	Methylcyclopentane	72.0	68.8	58	562
5750	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		575
5751	C ₆ H ₁₄	Hexane	68.85	67.2	50	538
A =	C₃H₇Br	2-Bromopropane	59.4			
5752	C ₃ H ₇ NO ₂	Propyl nitrite	47.45	Nonazeotrope		550
5753	C ₃ H ₈ O	Isopropyl alcohol	82.45	57.7	93	527
5754	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		527
		"	97.2	58.4	96	573
5755	C ₃ H ₈ S	Propanethiol	67.3	Nonazeotrope		575
5756	C ₃ H ₉ BO ₃	Methyl borate	68.7	Nonazeotrope		547
5757	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		527
5758	C ₄ H ₈ O	Butyraldehyde	75.2	Nonazeotrope		575
5759	C ₄ H ₈ O	Isobutyraldehyde	63.5	Nonazeotrope		575
5760	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		527
5761	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		550
5762	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		527
5763	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	59.0	94.8	527
5764	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		559
5765	C ₃ H ₁₂ O	Ethyl propyl ether	63.6	Nonazeotrope		548
5766	C ₆ H ₆	Benzene	80.15	Nonazeotrope		527
5767	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
5768	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		527
5769	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	55.8	50	527
5770	C ₆ H ₁₄	Hexane	68.8	59.3	98.5	527
		"	68.85	Nonazeotrope		538
5771	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		527
A =	C₃H₇Cl	1-Chloropropane	46.65			
5772	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		550
5773	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	45.6	62	555
5774	C ₃ H ₈ O	Isopropyl alcohol	82.4	46.4	97.2	555
5775	C ₃ H ₈ O	Propyl alcohol	97.2	Nonazeotrope		555
5776	C ₃ H ₈ O ₂	Methylal	42.15	Nonazeotrope		555
5777	C ₃ H ₈ S	Propanethiol	67.3	Nonazeotrope		575
5778	C ₃ H ₉ BO ₃	Methyl borate	68.7	Nonazeotrope		575
5779	C ₄ H ₈ O ₂	Ethyl acetate	77.05	Nonazeotrope		555
5780	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		555
5781	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	Nonazeotrope		555

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₇Cl	1-Chloropropane	(continued) 46.65			
5782	C ₄ H ₁₀ O	Ethyl ether	34.5	Nonazeotrope		555
5783	C ₄ H ₁₀ O	Methyl propyl ether	38.9	Nonazeotrope		559
5784	C ₅ H ₈	Isoprene	34.3	Nonazeotrope		575
5785	C ₅ H ₁₀	Cyclopentane	49.3	< 44.5	< 64	575
5786	C ₅ H ₁₂	Pentane	36	< 34.8	< 32	555
5787	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		575
A =	C₃H₇Cl	2-Chloropropane	34.9			
5788	C ₃ H ₇ NO ₂	Isopropyl nitrite	40.1	Nonazeotrope		550
5789	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		550
5790	C ₃ H ₈ O	Isopropyl alcohol	82.5	Nonazeotrope		215
5791	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		548
5792	C ₅ H ₁₀	Cyclopentane	49.3	< 44.5	< 64	562
		"		Nonazeotrope		575
5793	C ₅ H ₁₀	2-Methyl-1-butene	33.1	32.8	58	562
5794	C ₅ H ₁₀	2-Methyl-2-butene	37.1	34	61	563
5795	C ₅ H ₁₂	2-Methylbutane	27.95	~ 24		563
5796	C ₅ H ₁₂	Pentane	36.15	~ 32	~ 52	563
A =	C₃H₇ClO	1-Chloro-2-propanol	127.0			
5797	C ₄ H ₉ I	1-Iodobutane	130.4	120.0	45	567
5798	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	115.0	25	567
5799	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		575
5800	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		575
5801	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		575
5802	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	115.3	~ 30	575
5803	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	< 127.3	> 81	575
5804	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		575
5805	C ₆ H ₆ Br	Bromobenzene	156.1	Nonazeotrope		575
5806	C ₆ H ₆ Cl	Chlorobenzene	131.75	122.2	55	567
5807	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
5808	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
5809	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		552
5810	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		527
5811	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	125.5	~ 25	575
5812	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		575
5813	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	123.0	~ 30	575
5814	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		575
5815	C ₇ H ₈	Toluene	110.75	109.0	15	567
5816	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		575
5817	C ₇ H ₁₆	Heptane	98.4	96.5	17	575
5818	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	124.5	75	567
5819	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	125.5	85	575
5820	C ₉ H ₁₈	2,5-Dimethylhexane	109.4	105.0	30	567
5821	C ₈ H ₁₆ O	Isobutyl ether	122.3	< 118.0	> 35	575
A =	C₃H₇ClO	2-Chloro-1-propanol	133.7			
5822	C ₃ H ₉ I	1-Iodobutane	130.4	123.5	30	567
5823	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	118.0	15	575

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₇ClO	2-Chloro-1-propanol	133.7			
		<i>(continued)</i>				
5824	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		575
5825	C ₆ H ₅ Cl	Chlorobenzene	131.75	126.0	36	567
5826	C ₆ H ₅ O	Phenol	182.2	Nonazeotrope		575
5827	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
5828	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	< 123.7	> 5	575
5829	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	Nonazeotrope		575
5830	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	133.5?	60?	575
5831	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		575
5832	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	129.0	53	567
5833	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	130.5	70	567
5834	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	115.0	35	567
5835	C ₈ H ₁₈ O	Butyl ether	142.4	130.5	70	575
5836	C ₈ H ₁₈ O	Isobutyl ether	122.3	120.0	25	575
A =	C₃H₇ClO	Propylene Chlorohydrin	73/100			
5837	C ₆ H ₁₂ Cl ₂ O	Bis(chloroisopropyl) ether, 100 mm.	121.9	Nonazeotrope		981
A =	C₈H₇ClO₂	Chloromethylal	95			
5838	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		575
5839	C ₅ H ₁₀ O	3-Pentanone	95.0	Nonazeotrope		575
5840	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
5841	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
5842	C ₇ H ₁₆	Heptane	98.4	93.0	62	562
A =	C₃H₇ClO₂	1-Chloro-2,3-propanediol	213			
5843	C ₆ H ₅ NO ₂	Nitrobenzene	210.85	~ 208		563
5844	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	179.2?		563
5845	C ₇ H ₈ O	Benzyl alcohol	205.5	204.5		563
5846	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	Nonazeotrope		563
5847	C ₁₀ H ₁₆ O	Camphor	208.9	Nonazeotrope		563
A =	C₃H₇I	1-Iodopropane	102.4			
5848	C ₃ H ₈ O	Isopropyl alcohol	82.45	79.8	58	573
5849	C ₃ H ₈ O	Propyl alcohol	97.2	90.2	70	563
5850	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	101.0		575
5851	C ₄ H ₆ O	Crotonaldehyde	102.15	< 99.7		563
5852	C ₄ H ₈ O ₂	Dioxane	101.35	98.75	60	559
5853	C ₄ H ₁₀ O	Butyl alcohol	117.75	99.5	86.5	535
5854	C ₄ H ₁₀ O	Isobutyl alcohol	108	96	~ 82	563
5855	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		556
5856	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		552
5857	C ₅ H ₁₀ O	2-Pentanone	102.35	100.8	65	552
5858	C ₅ H ₁₀ O	3-Pentanone	102.05	100.8	62	552
5859	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		575
5860	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	101.0	56	527
5861	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		527
5862	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	99.0	> 46	527
5863	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	< 96.7		550
5864	C ₅ H ₁₂ O	3-Pentanol	116.0	97.2	70	567

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₇I	1-Iodopropane (continued)	102.4			
5865	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	100.5	89	567
5866	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		547
5867	C ₆ H ₁₄ O ₂	Acetal	103.55	101.0	60	559
5868	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563
5869	C ₇ H ₁₄	Methylcyclohexane	101.1	99.4	~ 60	573
5870	C ₇ H ₁₆	Heptane	98.4	< 97.5	> 40	562
A =	C₃H₇I	2-Iodopropane	89.35			
5871	C ₃ H ₈ O	Isopropyl alcohol	82.45	76.0	68	573
5872	C ₃ H ₈ O	Propyl alcohol	97.2	82.95	83	527
5873	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		527
5874	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		559
5875	C ₄ H ₈ O ₂	Methyl propionate	79.84	Nonazeotrope		547
5876	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		547
		"	80.85	< 80.2	> 16	575
5877	C ₄ H ₁₀ O	Butyl alcohol	117.8	88.6	94	567
5878	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	85.4	83	567
5879	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	< 77.75	< 69	567
5880	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	86.8	88	527
5881	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		547
		"	98.2	< 88.5	> 82	575
5882	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	87.0	60	547
5883	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	< 88.8	> 80	575
5884	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		550
5885	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	88.6	92	567
5886	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.6	Nonazeotrope		575
5887	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	86.15	37	527
5888	C ₆ H ₆	Benzene	80.2	Nonazeotrope		538
5889	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
5890	C ₆ H ₁₄ O	Propyl ether	90.55	~ 89.0	~ 65	548
5891	C ₇ H ₁₄	Methylcyclohexane	100.8	88	65	929
A =	C₃H₇NO	Acetoxime	135.8			
5892	C ₆ H ₁₀ S	Allyl sulfide	138.7	134		563
A =	C₃H₇NO	<i>N,N</i>-Dimethylformamide	153			
5893	C ₆ H ₆	Benzene	80.1	Nonazeotrope		163
5893a	C ₇ H ₈	Toluene	110.7	Nonazeotrope		v-1 2c
5893b	C ₈ H ₁₀	<i>m</i> -Xylene	139	135.45	19.1	v-1 2c
5893c	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	138.85	26.4	v-1 2c
5894	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	135.1	18.7	224
		"	138.4	134.10	19.2	v-1 2c
A =	C₃H₇NO	Propionamide	222.2			
5895	C ₃ H ₇ NO ₂	Ethyl carbamate	185.25	Nonazeotrope		575
5896	C ₄ H ₅ NS	Allyl isothiocyanate	152.0	Nonazeotrope		575
5897	C ₄ H ₆ O ₄	Methyl oxalate	164.45	Nonazeotrope		575
5898	C ₄ H ₇ BrO ₂	Ethyl bromoacetate	158.8	Nonazeotrope		527
5899	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₇NO	Propionamide (continued)	222.2			
5900	C ₄ H ₈ O ₃	Glycol monoacetate	190.9	Nonazeotrope		575
5901	C ₄ H ₉ I	1-Iodobutane	130.4	Nonazeotrope		527
5902	C ₄ H ₁₀ O ₃	Diethylene glycol	245.5	Nonazeotrope		526
5903	C ₅ H ₈ O ₂	Furfuryl alcohol	169.35	Nonazeotrope		575
5904	C ₅ H ₈ O ₃	Levulinic acid	252	Nonazeotrope		527
5905	C ₅ H ₉ ClO ₂	Propyl chloroacetate	163.5	Nonazeotrope		575
5906	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		527
5907	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		527
5908	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	Nonazeotrope		527
5909	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		526
5910	C ₅ H ₁₂ O ₃	2-(2-Methoxyethoxy)-ethanol	192.95	Nonazeotrope		526
5911	C ₆ H ₄ BrCl	<i>p</i> -Bromochlorobenzene	196.4	189.5	16	575
5912	C ₆ H ₄ Br ₂	<i>p</i> -Dibromobenzene	220.25	204.9	22	527
5913	C ₆ H ₄ ClNO ₂	<i>m</i> -Chloronitrobenzene	235.5	216.5	>48	554
5914	C ₆ H ₄ ClNO ₂	<i>o</i> -Chloronitrobenzene	246.0	< 220.6	>54	554
5915	C ₆ H ₄ ClNO ₂	<i>p</i> -Chloronitrobenzene	239.1	217.5	49.8	527
5916	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	177.0	9	564
5917	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	172.55	8	527
5918	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		527
5919	C ₆ H ₅ BrO	<i>o</i> -Bromophenol	194.8	Nonazeotrope		575
5920	C ₆ H ₅ Cl	Chlorobenzene	132.0	Nonazeotrope		527
5921	C ₆ H ₅ ClO	<i>p</i> -Chlorophenol	219.75	228.0	33	562
5922	C ₆ H ₅ I	Iodobenzene	188.45	183.5	10	569
5923	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	205.4	24	527
5924	C ₆ H ₅ NO ₃	<i>o</i> -Nitrophenol	217.25	211.15	24.8	542
5925	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		542
5926	C ₆ H ₆ O ₂	Pyrocatechol	245.9	Nonazeotrope		527
5927	C ₆ H ₆ O ₂	Resorcinol	281.4	Nonazeotrope		544
5928	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		527
5929	C ₆ H ₈ N ₂	<i>o</i> -Phenylenediamine	258.6	Nonazeotrope		551
5930	C ₆ H ₈ O ₄	Methyl fumarate	193.25	Nonazeotrope		527
5931	C ₆ H ₈ O ₄	Methyl maleate	204.05	Nonazeotrope		527
5932	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		527
5933	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		527
5934	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	Nonazeotrope		575
5935	C ₆ H ₁₁ ClO ₂	Butyl chloroacetate	181.9	Nonazeotrope		575
5936	C ₆ H ₁₁ NO ₂	Nitrocyclohexane	205.3	< 203.0	>11	575
5937	C ₆ H ₁₂ O	Cyclohexanol	160.7	Nonazeotrope		527
5938	C ₆ H ₁₂ O ₂	Caproic acid	205.15	Nonazeotrope		575
5939	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		526
5940	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	Nonazeotrope		575
5941	C ₆ H ₁₃ Br	1-Bromohexane	156.5	Nonazeotrope		575
5942	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		527
5943	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₇NO	Propionamide (<i>continued</i>)	222.2			
5944	C ₆ H ₁₄ O ₂	Pinacol	174.35		Nonazeotrope	575
5945	C ₆ H ₁₄ S	Propyl sulfide	141.5		Nonazeotrope	566
5946	C ₇ H ₅ Cl ₃	α,α,α -Trichlorotoluene	220.9		Reacts	535
5947	C ₇ H ₆ O	Benzaldehyde	179.2		Nonazeotrope	575
5948	C ₇ H ₆ O ₂	Benzoic acid	250.5		Nonazeotrope	542
5949	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	178.2		527
5950	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	180.4		527
5951	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	181.0	10	562
5952	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	208.0	27	562
5953	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2		Nonazeotrope	527
5954	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7	194.0	10	575
5955	C ₇ H ₇ ClO	<i>p</i> -Chloroanisole	197.8	< 196.5	~ 12	575
5956	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	201.5	20	562
5957	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	214.5	44	554
5958	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	210.2	30	527
5959	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	217.5	50	527
5960	C ₇ H ₈	Toluene	110.75		Nonazeotrope	527
5961	C ₇ H ₈ O	Benzyl alcohol	205.1		Nonazeotrope	527
5962	C ₇ H ₈ O	<i>m</i> -Cresol	202.2		Nonazeotrope	542
5963	C ₇ H ₈ O	<i>o</i> -Cresol	191.1		Nonazeotrope	544
5964	C ₇ H ₈ O	<i>p</i> -Cresol	201.7		Nonazeotrope	544
5965	C ₇ H ₈ O ₂	Guaiacol	205.05		Nonazeotrope	527
5966	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	244		Nonazeotrope	535
5967	C ₇ H ₉ N	Methylaniline	196.25		Nonazeotrope	551
5968	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1		Nonazeotrope	527
5969	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	200.25	2.5	527
5970	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55		Nonazeotrope	551
5971	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75		Nonazeotrope	575
5972	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15		Nonazeotrope	575
5973	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)-ethoxy]-ethanol	245.25		Nonazeotrope	575
5974	C ₈ H ₈ O	Acetophenone	202.0	200.35	15	552
5975	C ₈ H ₈ O ₂	Methyl benzoate	199.4	196.95		571
5976	C ₈ H ₈ O ₂	Phenyl acetate	195.7		Nonazeotrope	535
5977	C ₈ H ₈ O ₃	Methyl salicylate	222.35	210.55	34	530
5978	C ₈ H ₁₀	<i>m</i> -Xylene	139.2		Nonazeotrope	527
		"	139.0	138.5		531
5979	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	144.0	2	575
5980	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	217.8	31	529
5981	C ₈ H ₁₀ O	Phenetole	170.5		Nonazeotrope	535
5982	C ₈ H ₁₀ O	3,4-Xylenol	226.8	221.1	96	564
		"	226.8		Nonazeotrope	575
5983	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5		Nonazeotrope	575
5984	C ₈ H ₁₁ N	Dimethylaniline	194.15	190.5	15.5	551
5985	C ₈ H ₁₁ N	2,4-Xylidine	214.0	< 212.0	< 27	551

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₇NO	Propionamide (<i>continued</i>)	222.2			
5986	C ₈ H ₁₁ N	3,4-Xylidine	225.5	217.2	28	575
5987	C ₈ H ₁₁ N	Ethylaniline	205.5	< 204.0	> 12	551
5988	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	< 222.0		551
5989	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	< 211.0		562
5990	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	214.0	38	570
5991	C ₈ H ₁₄ O	Methyl heptenone	173.2	Nonazeotrope		552
5992	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
5993	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		527
5994	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		527
5995	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		527
5996	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		527
5997	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		527
5998	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		527
5999	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		553
6000	C ₉ H ₈	Indene	182.6	179.5	12	562
6001	C ₉ H ₈ O	Cinnamaldehyde	253.5	Nonazeotrope		575
6002	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		575
6003	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	214.0	40	552
6004	C ₉ H ₁₀ O	Propiophenone	217.7	207.0	28	552
6005	C ₉ H ₁₀ O ₂	Benzyl acetate	~214.9	208.8	29	574
6006	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	205.0	25	574
6007	C ₉ H ₁₀ O ₂	Methyl- α -toluate	215.3	206.5	28	562
6008	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.7	214.0	~ 50	536
6009	C ₉ H ₁₂	Cumene	152.8	151.8	4	575
6010	C ₉ H ₁₂	Mesitylene	164.6	162.3	10	562
6011	C ₉ H ₁₂	Propyl benzene	159.3	157.7		527
6012	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	182.5	8	575
6013	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		527
6014	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>m</i> -toluidine	203.1	Nonazeotrope		564
6015	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	182.5		551
6016	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.5	Nonazeotrope		564
		"	210.5	199.0	20	551
6017	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		552
6018	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
6019	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	180.6	3?	575
		"	178.5	Nonazeotrope		536
6020	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		564
6021	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		527
6022	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	< 186.5	> 8	575
6023	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.2	222.0?	95?	575
		"	281.8	Nonazeotrope		564
6024	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	218.6	39	527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₇NO	Propionamide (continued)	222.2			
6025	C ₁₀ H ₈	Naphthalene	218.05	204.65	31.5	527
6026	C ₁₀ H ₉ N	1-Naphthylamine	300.8	Nonazeotrope		551
6027	C ₁₀ H ₉ N	Quinaldine	246.5	Nonazeotrope		575
6028	C ₁₀ H ₁₀ O ₂	Isosafrol	252.1	~ 218.5		535
6029	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.95	Nonazeotrope		527
6030	C ₁₀ H ₁₀ O ₂	Safrol	235.9	~ 213.2	35	535
6031	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.2	Nonazeotrope		527
6032	C ₁₀ H ₁₂ O	Anethole	235.7	212.0	39	562
6033	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.1	220.0	60	562
6034	C ₁₀ H ₁₂ O ₂	Eugenol	255.0	Nonazeotrope		527
6035	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	213.0	45	564
6036	C ₁₀ H ₁₄	Cymene	176.7	172.8	15	562
6037	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
6038	C ₁₀ H ₁₄ O	Carvone	231.0	214.5	48	552
6038	C ₁₀ H ₁₄ O	Thymol	232.8	Nonazeotrope		535
6040	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	< 213.5		575
6041	C ₁₀ H ₁₅ N	Diethylaniline	217.05	203.15	23	551
6042	C ₁₀ H ₁₆	Camphene	159.6	156.5	13	527
6043	C ₁₀ H ₁₆	Dipentene	177.7	171.8	15	527
6044	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	172	20	573
6045	C ₁₀ H ₁₆	Nopinene	163.8	161.0	10	562
6046	C ₁₀ H ₁₆	α-Pinene	155.8	154.0	5	575
6047	C ₁₀ H ₁₆	α-Terpinene	173.4	169.8	13	562
6048	C ₁₀ H ₁₆ O	Camphor	209.1	203.5	17	552
6049	C ₁₀ H ₁₆ O	Pulegone	223.8	212.0	38	552
6050	C ₁₀ H ₁₈ O	Borneol	213.4	209.2	22	527
6051	C ₁₀ H ₁₈ O	Cineol	176.35	173.8	8	527
6052	C ₁₀ H ₁₈ O	Citronellal	208.0	203? (reacts)		575
6053	C ₁₀ H ₁₈ O	Geraniol	229.6	217.0	54	527
6054	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		527
6055	C ₁₀ H ₁₈ O	α-Terpineol	217.8	209.6	25	527
6056	C ₁₀ H ₂₀ O	Citronellol	224.5	~ 211.5	~ 40	535
6057	C ₁₀ H ₂₀ O	Menthol	216.4	208.5	25	564
6058	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	200.2	22	562
6059	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	204.0	18	527
6060	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	188.45	12.2	541
6061	C ₁₀ H ₂₂	Decane, 50 mm.		88	3	95
		" 100 mm.		106	5	95
		" 200 mm.		126	7.5	95
		" 760 mm.	173.3	168	11.8	95
6062	C ₁₀ H ₂₂ O	Amyl ether	187.5	181.0	12	562
6063	C ₁₀ H ₂₂ O	Decyl alcohol	~ 232.9	215.9	70	531
6064	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	170.5	7	575
6065	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	204.0	20	566
6066	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1	213.8	52	527
6067	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	213.0	50	527
6068	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₇NO	Propionamide (<i>continued</i>)	222.2			
6069	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-di-methoxybenzene	255.2	220.0	60	574
6070	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	218.0	64	562
6071	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		535
6072	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	215.5	60	527
6073	C ₁₁ H ₂₀ O	Methyl isobornyl ether	192.4	187.5	13	562
6074	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	203.5	27	562
6075	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	211.0	40	575
6076	C ₁₁ H ₂₂ O ₃	Isoamyl carbonatate	232.2	208.5	35	564
6077	C ₁₁ H ₂₄	Undecane, 50 mm.		105	15	95
		" 100 mm.		123	16	95
		" 200 mm.		142	17.3	95
		" 760 mm.	194.5	183	21	95
6078	C ₁₂ H ₁₀	Acenaphthene	277.9	220.8	75	527
6079	C ₁₂ H ₁₀	Biphenyl	256.1	216.0	55	575
6080	C ₁₂ H ₁₀ O	Phenyl ether	259.3	219.0	~ 62	574
6081	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05	219	67	527
6082	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
6083	CC ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	209.5	38	570
6084	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	196.0	20	562
6085	C ₁₂ H ₂₆	Dodecane, 50 mm.		115	26	95
		Dodecane 100 mm.		132	26	95
		" 200 mm.		152	26	95
		" 760 mm.	216	193	31.6	95
6086	C ₁₃ H ₁₀	Fluorene	295	221.5	90	575
6087	C ₁₃ H ₁₂	Diphenylmethane	265.6	218.2	60	527
6088	C ₁₄ H ₁₂	Stilbene	306.5	Nonazeotrope		575
6089	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	221.0	80	575
6090	C ₁₄ H ₁₄ O	Benzyl ether	297	Nonazeotrope		575
A =	C₃H₇NO₂	Ethyl Carbamate	185.25			
6091	C ₃ H ₈ O ₂	1,2-Propanediol	187.8	< 183.5		575
6092	C ₄ H ₆ O ₄	Methyl oxalate	164.45	Nonazeotrope		527
6093	C ₄ H ₇ Cl ₃ O	Ethyl 1,1,2-trichloroethyl ether	173	169.5		575
6094	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178.65	171.5	25	562
6095	C ₄ H ₉ I	1-Iodobutane	130.4	Nonazeotrope		564
6096	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	Nonazeotrope		564
6097	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		527
6098	C ₅ H ₆ O ₂	Furfuryl alcohol	169.35	Nonazeotrope		575
6099	C ₅ H ₈ O ₄	Methyl malonate	181.4	< 178.65	< 35	575
6100	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		556
6101	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.3	Nonazeotrope		564
6102	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	146.5	2	564

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₇NO₂	Ethyl Carbamate (continued)	185.25			
6103	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	149.1	7	560
6104	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
6105	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		527
6106	C ₅ H ₁₂ O ₃	2-(2-Methoxyethoxy)- ethanol	192.95	Nonazeotrope		527
6107	C ₆ H ₄ Br ₂	<i>p</i> -Dibromobenzene	220.25	183.6	64	563
6108	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	170.0	27	564
6109	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.35	167.0	24.2	555
6110	C ₆ H ₅ Br	Bromobenzene	156.1	153.95	9.8	564
6111	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		527
6112	C ₆ H ₅ I	Iodobenzene	188.45	174.5	33	564
6113	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	184.95	88	554
6114	C ₆ H ₅ NO ₃	<i>o</i> -Nitrophenol	217.2	Nonazeotrope		575
6115	C ₆ H ₆ O	Phenol	182.2	190.75	53.5	564
6116	C ₆ H ₈ O ₄	Methyl fumarate	193.25	184.2	79	527
6117	C ₆ H ₈ O ₄	Methyl maleate	204.05	Nonazeotrope		527
6118	C ₆ H ₁₀ O	Cyclohexanone	155.75	Nonazeotrope		564
6119	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		527
6120	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	181.0	38	564
6121	C ₆ H ₁₀ O ₄	Methyl succinate	195.5	184.3	80	527
6122	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		566
6123	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		527
6124	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		556
6125	C ₆ H ₁₃ Br	1-Bromohexane	156.5	154.0	10	564
6126	C ₆ H ₁₃ ClO ₂	Chloroacetal	157.4	156.8	10	575
6127	C ₆ H ₁₄ O	<i>n</i> -Hexanol	157.85	Nonazeotrope		527
6128	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		527
6129	C ₆ H ₁₄ O ₂	Pinacol	174.35	173.5		575
6130	C ₆ H ₁₄ O ₃	2-(2-Ethoxyethoxy) ethanol	201.9	Nonazeotrope		575
6131	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		566
6132	C ₇ H ₅ N	Benzonitrile	191.1	182.1	57	569
6133	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	171.9	30.5	527
6134	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	170.5	28	527
6135	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	172.3	32	527
6136	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	156.4	13	564
6137	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	158.7	15	564
6138	C ₇ H ₇ ClO	<i>m</i> -Chloroanisole	193.3	179.5	20	562
6139	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7	180.0	18	562
6140	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	183.2	58	564
6141	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		554
6142	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		554
6143	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		554
6144	C ₇ H ₈	Toluene	110.75	Nonazeotrope		527
6145	C ₇ H ₈ O	Anisole	153.85	153.5	5	564
6146	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₇NO₂	Ethyl Carbamate (continued)	185.25			
6147	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	202.6	8	564
6148	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	193.45	30	564
6149	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	202.2	10	564
6150	C ₇ H ₁₂ O ₄	Ethyl malonate	199.2	185.15	95	564
6151	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		527
6152	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	Nonazeotrope		527
6153	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
6154	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.15	175.1	28.5	564
6155	C ₈ H ₈	Styrene	145.8	Nonazeotrope		527
6156	C ₈ H ₈ O	Acetophenone	202.0	184.85	86	552
6157	C ₈ H ₈ O ₂	Benzyl formate	203.0	182.5	62	564
6158	C ₈ H ₈ O ₃	Methyl benzoate	199.4	183.8	67	564
6159	C ₈ H ₈ O ₂	Phenyl acetate	195.7	180.0	52	564
6160	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		527
6161	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		527
6162	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	163.5	18	527
6163	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		575
6164	C ₈ H ₁₀ O	<i>m</i> -Methylanisole	177.2	171.5	26	564
6165	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	171.3	25	564
6166	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		575
6167	C ₈ H ₁₀ O	Phenetole	170.45	166.2	22	564
6168	C ₈ H ₁₀ O	2,4-Xylenol	210.5	Nonazeotrope		575
6169	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		564
6170	C ₈ H ₁₀ O ₂	Veratrole	206.8	182.0	67	564
6171	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		527
6172	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		527
6173	C ₈ H ₁₄ O	Methylheptenone	173.2	171.5	30	552
6174	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	Nonazeotrope		527
6175	C ₈ H ₁₆ O	2-Octanone	172.85	171.5	28	552
6176	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	164.8	15	564
6177	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	165.0	16	564
6178	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	< 159.5	> 7	527
6179	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	< 156.3	> 6.5	575
6180	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		527
6181	C ₈ H ₁₈ O	Butyl ether	142.4	< 141.5	< 5	562
6182	C ₈ H ₁₈ O	Octyl alcohol	195.2	183.5	72.5	564
6183	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	177.0	37	564
6184	C ₈ H ₁₈ S	Butyl sulfide	185.0	< 175.5	< 44	566
6185	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	166.5	23	555
6186	C ₉ H ₈	Indene	182.6	172.65	35	527
6187	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		552
6188	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		552
6189	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		527
6190	C ₉ H ₁₂	Cumene	152.8	151.5	6	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₃H₇NO₂	Ethyl Carbamate (continued)	185.25			
6191	C ₉ H ₁₂	Mesitylene	164.6	159.0	22	564
6192	C ₉ H ₁₂	Propylbenzene	159.3	157.0	15	527
6193	C ₉ H ₁₂	Pseudocumene	168.2	161.4	25	564
6194	C ₉ H ₁₂ O	Benzyl ethyl ether	185.2	175.0	34	564
6195	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	176.2	45	562
6196	C ₉ H ₁₄ O	Phorone	197.8	< 184.5	< 82	552
6197	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	171.3	28	527
6198	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	< 178.0	< 48	562
6199	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	173.7	33	564
6200	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	166.5	21	562
6201	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	167.65	20	570
6202	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	178.5	48	564
6203	C ₈ H ₁₈ O ₃	Isobutyl carbonate	190.3	176.5	42	564
6204	C ₁₀ H ₈	Naphthalene	218.0	184.05	77	564
6205	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75	Nonazeotrope		527
6206	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		527
6207	C ₁₀ H ₁₄	Butylbenzene	183.1	172.0	37	527
6208	C ₁₀ H ₁₄	Cymene	176.7	169.0	31	564
6209	C ₁₀ H ₁₆	Camphene	159.6	157.0	15	564
6210	C ₁₀ H ₁₆	Limonene	177.6	168.0	32	564
6211	C ₁₀ H ₁₆	α-Terpinene	173.5	166.0	28	564
6212	C ₁₀ H ₁₆	γ-Terpinene	183.0	171.5	38	564
6213	C ₁₀ H ₁₆ O	Camphor	209.1	184.85	84	552
6214	C ₁₀ H ₁₆ O	Fenchone	193.6	< 182.0	< 75	552
6215	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		527
6216	C ₁₀ H ₁₈ O	Cineol	176.35	168.4	28	564
6217	C ₁₀ H ₁₈ O	Linalool	198.6	< 185.0		575
6218	C ₁₀ H ₁₈ O	α-Terpineol	218.85	Nonazeotrope		527
6219	C ₁₀ H ₁₈ O	β-Terpineol	210.5	Nonazeotrope		575
6220	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		527
6221	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	< 184.0	72	527
6222	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	177.75	46	564
6223	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	184.3	85	575
6224	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	< 157.5	< 19	527
6225	C ₁₀ H ₂₂ O	Amyl ether	187.4	171.0	37	564
6226	C ₁₀ H ₂₂ O	Isoamyl ether	173.35	163.15	27	564
6227	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		527
6228	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
6229	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	177.0	45	564
6230	C ₁₁ H ₂₀ O	Methyl α-terpineol ether	216.2	184.9	96	575
6231	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		527
6232	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		527
6233	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	181.2	82	562
A =	C₃H₇NO₂	Isopropyl Nitrite	40.1			
6234	C ₃ H ₇ NO ₂	Propyl nitrite	47.75	Nonazeotrope		550
6235	C ₃ H ₇ NO ₃	Propyl nitrate	110.5	Nonazeotrope		560
6236	C ₃ H ₈ O ₂	Methylal	42.3	39.75	80	550

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₇NO₂	Isopropyl Nitrite	(continued)	40.1		
6237	C ₄ H ₄ O	Furan	31.7	Nonazeotrope		550
6238	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	Nonazeotrope		550
6239	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		537
6240	C ₄ H ₁₀ O	Methyl propyl ether	38.85	< 37.5	33	550
6241	C ₅ H ₈	Isoprene	34.3	33.5	28	550
6242	C ₅ H ₁₀	Cyclopentane	49.3	< 39.9	< 92	550
6243	C ₅ H ₁₀	2-Methyl-2-butene	37.1	35.5	38	550
6244	C ₅ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		550
6245	C ₅ H ₁₂	2-Methylbutane	27.95	27.65	7.5	527
6246	C ₅ H ₁₂	Pentane	36.15	34.5	35	550
6247	C ₆ H ₁₀	Biallyl	60.1	Nonazeotrope		550
6248	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		550
6249	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		550
A =	C₃H₇NO₂	1-Nitropropane	131			
6250	C ₃ H ₈ O	Isopropyl alcohol	82.40	Nonazeotrope		806
6251	C ₃ H ₈ O	Propyl alcohol	97.15	96.95	8.8	806
6252	C ₄ H ₁₀ O	Butyl alcohol	117.73	115.30	32.2	806
6253	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.53	99.40	4.1	806
6254	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.41	Nonazeotrope		806
6255	C ₄ H ₁₀ O	Isobutyl alcohol	107.89	105.28	15.2	806
6256	C ₅ H ₁₂ O	<i>n</i> -Amyl alcohol	138.06	127.4	63.9	866
6257	C ₆ H ₅ Cl	Chlorobenzene,	130 mm.	75	44	v-1
		"	598 mm.	120	44	v-1
6258	C ₆ H ₆	Benzene	250 mm.	Nonazeotrope		845
		"	25°C.	Nonazeotrope		806
6259	C ₆ H ₁₂	Cyclohexane	80.74	Azeotropic		806
6260	C ₆ H ₁₄	Hexane	25°C	Nonazeotrope		v-1
		"	68.72	68.7	0.4	806
6261	C ₇ H ₈	Toluene	110.62	110.6	0.3	806
6262	C ₇ H ₁₄	Methyl cyclohexane	100.93	100.0	15.0	806
6263	C ₇ H ₁₆	Heptane	98.43	96.6	13.5	806
6264	C ₈ H ₆	Phenylacetylene	142	Azeotropic		247
6265	C ₈ H ₈	Styrene	145	Azeotropic		247
		"	68/60 mm.	Nonazeotrope		53
6266	C ₈ H ₁₀	Ethylbenzene,	60 mm.	60.5	56.4	61
		"		136	127.5	59
		"		136.19	129.0	56.0
6267	C ₈ H ₁₈	Octane	125.66	115.8	34.2	806
6268	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.24	99.0	13	806
6269	C ₉ H ₂₀	Nonane	150.80	126.6	61.6	806
A =	C₃H₇NO₂	2-Nitropropane	120			
6270	C ₃ H ₈ O	Isopropyl alcohol	82.40	82.24	4.2	806
6271	C ₃ H ₈ O	Propyl alcohol	97.15	95.97	24.9	806
6272	C ₄ H ₈ O	2-Butanone	79.50	Nonazeotrope		806
6273	C ₄ H ₈ O	Tetrahydrofuran	66	Nonazeotrope		806

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₇NO₂	2-Nitropropane (<i>continued</i>)	120			
6274	C ₄ H ₈ O ₂	Ethyl acetate	77.11	Nonazeotrope		806
6275	C ₄ H ₁₀ O	Butyl alcohol	117.73	111.61	52.4	806
6276	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.53	98.70	18.0	806
6277	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.41	Nonazeotrope		806
6278	C ₄ H ₁₀ O	Isobutyl alcohol	107.89	105.28	33.1	806
6279	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	134.8	119.4	85	806
		" 100 mm.		62.0	92.2	806
6280	C ₅ H ₁₂ O	Amyl alcohol	138.06	119.5	85.2	806
6281	C ₆ H ₆	Benzene	80.1	Nonazeotrope v-l		806,845
6282	C ₆ H ₁₀ O	Cyclohexanone	155.65	Nonazeotrope		806
6283	C ₆ H ₁₂	Cyclohexane	80.74	81.2	9.8	806
		" 500 mm.		66.8	8.6	806
		" 300 mm.		52.4	8.4	806
6284	C ₆ H ₁₄	Hexane 25°C		Nonazeotrope v-l		845
		"	68.74	68.7	3	806
6285	C ₇ H ₈	Toluene	110.63	109.8	18.3	806
		"	110.8	110		162
6286	C _n H _{2n+2}	Paraffins	107-110	96-108		162
6287	C ₇ H ₁₄	Methyl cyclohexane	100.93	96.5	22.7	806
		" 300 mm.		67.4	21.6	806
6288	C ₇ H ₁₄ O ₂	4-Methoxy-4-methyl-2-pentanone	165	Nonazeotrope		806
6289	C ₇ H ₁₆	Heptane	98.43	94.5	20.5	806
		" 500 mm.		83.5	19.7	806
		" 300 mm.		66.3	20.0	806
		" 100 mm.		38.5	19.2	806
6290	C ₈ H ₁₀	Ethylbenzene	136.19	120.2	91.6	806
6291	C ₈ H ₁₈	Octane	125.66	110.7	46.9	806
		" 500 mm.		97.5	46.2	806
		" 300 mm.		81.7	46.0	806
		" 100 mm.		54.2	45.9	806
6292	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.24	95.4	20.9	806
		" 300 mm.		66.9	18.7	806
6293	C ₉ H ₂₀	Nonane	150.79	118.4	75.4	806
		" 500 mm.		104.7	75.1	806
		" 300 mm.		88.3	75.0	806
		" 100 mm.		60.5	74.5	806
A =	C₃H₇NO₂	Propyl Nitrite	47.75			
6294	C ₃ H ₈ O	Propyl alcohol	97.25	Nonazeotrope		539
6295	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		550
6296	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	47.5	>79	550
6297	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		550
6298	C ₅ H ₁₀	Cyclopentane	49.3	45.5	54	550
6299	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		550
6300	C ₅ H ₁₂	Pentane	36.15	35.8	9	550

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₇NO₂	Propyl Nitrite (<i>continued</i>)	47.75			
6301	C ₃ H ₁₂ O	Ethyl propyl ether	63.85		Nonazeotrope	550
6302	C ₆ H ₁₄	2,3-Dimethylbutane	58.0		Nonazeotrope	550
6303	C ₆ H ₁₄	Hexane	68.8		Nonazeotrope	550
A =	C₃H₇NO₃	Propyl Nitrate	110.5			
6304	C ₃ H ₈ O	Isopropyl alcohol	82.42	< 81.5		560
6305	C ₃ H ₈ O	Propyl alcohol	97.2	93.7	30	560
6306	C ₃₃ H ₈ O ₂	2-Methoxyethanol	124.5	108.0	80	560
6307	C ₄ H ₈ O ₂	Dioxane	101.35		Nonazeotrope	557
6308	C ₄ H ₈ S	Tetrahydrothiophene	118.8	109.0	73	560
6309	C ₄ H ₉ Br	1-Bromobutane	101.5	< 101.0		560
6310	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4		Nonazeotrope	547
6311	C ₄ H ₉ I	2-Iodobutane	120.0	< 109.5	< 85	560
6312	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	< 109.5	< 89	560
6313	C ₄ H ₁₀ O	Butyl alcohol	117.8	106.5	68	560
6314	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	< 103.5	> 47	560
6315	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3		Nonazeotrope	556
6316	C ₇ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	< 100.1	< 23	560
6317	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	< 110.0		560
6318	C ₅ H ₁₂ O	2-Pentanol	119.8	< 108.0	< 90	560
6319	C ₆ H ₆	Benzene	80.15		Nonazeotrope	560
6320	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	109.7		563
6321	C ₆ H ₁₄ O ₂	Acetal	103.55		Nonazeotrope	560
6322	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7	< 110.0		557
6323	C ₇ H ₈	Toluene	110.75	< 109.0	> 47	560
6324	C ₇ H ₁₄	Methylcyclohexane	101.15	97.0	25	560
6325	C ₇ H ₁₆	Heptane	98.4	95.0	25	560
6326	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	101.2	45	560
A =	C₃H₈	Propane	— 42.1			
6327	C ₄ H ₁₀	2-Methylpropane —7 to 121°			Nonazeotrope	v-l 384
6328	C ₇ F ₁₆	Perfluoroheptane crit. press.			Nonazeotrope	v-l 431
A =	C₃H₈O	Isopropyl Alcohol	82.45			
6329	C ₃ H ₈ O ₂	Methylal	42.3		Nonazeotrope	556
6330	C ₄ H ₄ S	Thiophene	84.7	< 76.0	< 43	566
6331	C ₄ H ₆ O ₂	Biacetyl	88	77.3	~ 60	640
		"	87.5	< 79	< 60	552
6332	C ₄ H ₆ O ₂	Methyl acrylate	80	76.0	46.5	799,800
6333	C ₄ H ₆ O ₂	Vinyl acetate	72.7	70.8	22.4	982
6334	C ₄ H ₇ N	Isobutyronitrile	103.85		Nonazeotrope	575
6335	C ₄ H ₈ O	2-Butanone	79.6	77.9	32	29,527
		"	79.6	~ 78	~ 66	v-l 680
		"	79.6	77.7	34	597c,680
6335a	C ₄ H ₈ O	Tetrahydrofuran	66		Nonazeotrope	v-l 879f
6336	C ₄ H ₈ OS	Ethyl thioacetate	116.6		Nonazeotrope	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C_3H_8O	Isopropyl Alcohol (<i>continued</i>)	82.45			
6337	$C_4H_8O_2$	Dioxane	101.35	Nonazeotrope		527
		"				v-l 153
6338	$C_4H_8O_2$	Ethyl acetate	77.05	75.9	25	v-l 674
		" 40°-60°C.				v-l 674
		"	77.1	74	26	572,834
6339	$C_4H_8O_2$	Methyl propionate	79.8	76.35	38	572
		"	79.6	77	28	982
6340	$C_4H_8O_2$	Propyl formate	80.8	75.85	~ 36	572
6341	C_4H_8S	Tetrahydrothiophene	118.8	Nonazeotrope		566
6341a	C_4H_9Br	1-Bromobutane	101.5	79.6		571c
6342	C_4H_9Br	2-Bromobutane	91.2	77.5	34	567
6343	C_4H_9Br	1-Bromo-2-methylpropane	90.95	77.5	33	555
6344	C_4H_9Br	2-Bromo-2-methylpropane	73.3	67	<20	563
6345	C_4H_9Cl	1-Chlorobutane	78.05	70.8	23	573
6346	C_4H_9Cl	2-Chlorobutane	68.25	64.0	18	567
6347	C_4H_9Cl	1-Chloro-2-methylpropane	68.85	64.8	17	573
		"	68.9	63.8	19	982
6348	C_4H_9I	1-Iodobutane	130.4	Nonazeotrope		575
6349	C_4H_9I	1-Iodo-2-methylpropane	120	81-82	70	532,834
6350	$C_4H_{10}O$	<i>tert</i> -Butyl alcohol	82.45	Nonazeotrope		549
6351	$C_4H_{10}O$	Ethyl ether	34.6	Nonazeotrope		981
6352	$C_4H_{10}S$	Ethyl sulfide	92.2	78.0	~ 52	531
6353	$C_4H_{11}N$	Butylamine	77.8	84.7	60	982
6354	C_5H_{10}	Cyclopentane	49.4	< 47.3		567
6355	C_5H_{10}	2-Methyl-2-butene	37.15	Nonazeotrope		563
6356	C_5H_{10}	3-Methyl-1-butene	22.5	Nonazeotrope		540
6357	$C_5H_{10}O$	Isopropyl vinyl ether	55.7		16.5	1008
6358	$C_5H_{10}O$	3-Methyl-2-butanone	95.4	Nonazeotrope		552
6359	$C_5H_{10}O$	2-Pentanone	102.35	Nonazeotrope		v-l 37
6360	$C_5H_{10}O$	3-Pentanone	102.05	Nonazeotrope		552
6361	$C_5H_{10}O_2$	Butyl formate	106.8	Nonazeotrope		575
6362	$C_5H_{10}O_2$	Isobutyl formate	97.9	Nonazeotrope		532
6363	$C_5H_{10}O_2$	Isopropyl acetate	91	80.1	52.3	164,536
6364	$C_5H_{10}O_2$	Methyl butyrate	102.65	Nonazeotrope		536
6365	$C_5H_{10}O_3$	Methyl isobutyrate	92.5	81.4	65	575
6366	$C_5H_{10}O_2$	Propyl acetate	101.6	Nonazeotrope		537
6367	$C_5H_{11}Br$	1-Bromo-3-methylbutane	120.65	Nonazeotrope		527
		1-Bromo-3-methylbutane	120.3	82.2	~ 82	535
6368	$C_5H_{11}Cl$	1-Chloro-3-methylbutane	99.8	79.2	43	573
6369	C_5H_{12}	2-Methylbutane	27.95	Nonazeotrope		537
		"	27.95	27.8	5	538
6370	C_5H_{12}	Pentane	36.15	35.5	6	538
6371	$C_5H_{12}O$	Ethyl propyl ether	63.6	62.0	10	545
6372	$C_5H_{12}O_2$	Diethoxymethane	87.95	79.6	52	556
6373	C_6H_5Cl	Chlorobenzene	132.0	Nonazeotrope		532

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₈O	Isopropyl Alcohol	(continued)	82.45		
6374	C ₆ H ₅ F	Fluorobenzene	85.15	74.5	30	545
6375	C ₆ H ₆	Benzene	80.2	71.92	33.3	834,1042, 1044
		"	155 mm.	31.8	20.6	924
		"	243 mm.	41.8	23.6	924
		"	509 mm.	60.4	29.9	924
		"	607 mm.	65.3	31.4	924
		"	760 mm.	71.74	33.7	924
		"	196 mm.	37.2	22.4	735
		"	512 mm.	60.3	30	735
		"	4920 mm.	134.7	62	735
		"	10,180 mm.	166.3	79	735
		"	15,380 mm.	186.1	91	735
		"	500 mm.	60.1	29.3	v-l 684
		"	146 mm.	30	16	v-l 979c
		"	280 mm.	45	19	v-l 979c
		"	504 mm.	60	24.8	v-l 979c
6376	C ₆ H ₈	1,3-Cyclohexadiene	80.8	70.4	36	563
6377	C ₆ H ₈	1,4-Cyclohexadiene	85.6	72.3		563
6378	C ₆ H ₁₀	Biallyl	60.0	55.8	11	537
6379	C ₆ H ₁₀	Cyclohexene	82.7	70.5	27	537
6380	C ₆ H ₁₀	1,3-Hexadiene	72.9	Min. b.p.		221
6381	C ₆ H ₁₀	2,4-Hexadiene	82	Min. b.p.		221
6382	C ₆ H ₁₀	3-Methyl-1,3-pentadiene	77	Min. b.p.		221
6383	C ₆ H ₁₀ O	Mesityl oxide	128.3	Nonazeotrope		981
6384	C ₆ H ₁₂	Cyclohexane, 129 mm.		26.3	18.3	924
		" 270 mm.		42.5	23.3	924
		" 434 mm.		54.1	27.1	924
		" 549 mm.		60.2	29.2	924
		" 760 mm.		69.4	32	924
		"	80.84	69.6	32.7	v-l 682
		"	80.75	68.6	33	563
		"	80.7	68.80	33.0	v-l 683,1049
		" 500 mm.		57.8	28.7	v-l 684
		"		69.6	32	v-l 597c
6384a	C ₆ H ₁₂	1-Hexene 200 mm.		27.2	8.9	498m
		" 400 mm.		41.9	10.9	498m
		" 600 mm.		52.1	12.6	498m
		" 760 mm.	63.6	59.2	14.1	498m
6385	C ₆ H ₁₂	Methylcyclopentane	72.0	63.3	25	568
6386	C ₆ H ₁₂ O	4-Methyl-2-pentanone	115.9	Nonazeotrope		37
6387	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		552
6388	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		575
6389	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	53.8	9	567
6390	C ₆ H ₁₄	Hexane	68.85	62.7	23	538
6391	C ₆ H ₁₄ O	Isopropyl ether	69.0	66.2	16.3	215
		"				v-l 1042g
		"	67.5	65.6	14.2	v-l 991c

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₃H₈O	Isopropyl Alcohol	(continued)	82.45		
6392	C ₆ H ₁₄ O	Propyl ether	90.55	78.2	52	573
6393	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		556
		Acetal	103.55	81.3	~ 63	573
6394	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		566
6395	C ₆ H ₁₅ N	Diisopropylamine	84.1	79.7	40	982
6396	C ₆ H ₁₅ N	Hexylamine	132.7	Nonazeotrope		981
6397	C ₇ H ₈	Toluene	110.7		52	950
		"	110.6	80.6	69	982
		"	110.6	81.5	77.3	662
		" 712 mm.		79.0	76.3	662
		" 611 mm.		75.5	73.1	662
		" 513 mm.		71.0	71.8	662
		" 411 mm.		65.6	69.1	662
		"	110.7	80.6	58	50
		"		20	47.7	814
		"		40	58.8	814
		"		60	67.4	814
		"		78	73.1	814
6398	C ₇ H ₁₄	Methylcyclohexane	100.8	77.6	53	50,537
		"	100.98	77.7	53	v-l 682
		" 500 mm.		66.5	34.2	v-l 684
6399	C ₇ H ₁₆	Heptane 684 mm.		72.2	54.3	v-l 993
		"	78.45	76.4	50.5	527
6400	C ₇ H ₁₆ O	Butyl isopropyl ether	103	79	71.91	73
6401	C ₈ H ₈	Styrene	145.8	Nonazeotrope		545
6402	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		537
6403	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		575
6404	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		537
6405	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	Nonazeotrope		541
6406	C ₈ H ₁₄	Diisobutylene	102.3	77.8	54.5	982
6407	C ₈ H ₁₆	<i>trans</i> -1,2-Dimethyl-				
		cyclohexane	123.42	81.4	79	vol. % 826
		"			~ 79	928
6408	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	81.0	78	575
6409	C ₈ H ₁₆	<i>cis</i> -1-Ethyl-2-methyl-	128.05			
		cyclopentane		82.2	83	vol. % 826
6410	C ₈ H ₁₆	<i>trans</i> -1-Ethyl-2-				
		methylcyclopentane	121.2	81.6	76	vol. % 826
6411	C ₈ H ₁₆	<i>trans</i> -1-Ethyl-3-				
		methylcyclopentane	120.8	81.4	75	vol. % 826
6412	C ₈ H ₁₆	1,1,2-Trimethyl-				
		cyclopentane	113.73	80.4	66	vol. % 826
		"			~ 67	928
6413	C ₈ H ₁₆	1,1,3-Trimethyl-				
		cyclopentane	104.9		~ 54	928
		"	104.89	78.5	53	vol. % 826

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.	
A =	C₃H₈O	Isopropyl Alcohol	(continued)	82.45			
6414	C ₈ H ₁₆	1, <i>cis</i> -2, <i>trans</i> -3-Trimethylcyclopentane	117.5	81.1	71 vol. %	826	
6415	C ₈ H ₁₆	1, <i>cis</i> -2, <i>trans</i> -4-Trimethylcyclopentane	116.73	80.9	71 vol. %	826	
6416	C ₈ H ₁₆	<i>cis-cis-trans</i> -1,2,4-Trimethylcyclopentane			~ 70	928	
6417	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	79.0	62	535	
6418	C ₈ H ₁₈	Octane	124.75	81.6	84	575	
6419	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	76.8	54	575	
		"	99.3	77.3	48.5 v-l	104	
6420	C ₈ H ₁₈ O	Isobutyl ether	122.1	Nonazeotrope		556	
6421	C ₉ H ₈	Indene	182.6	Nonazeotrope		575	
6422	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575	
6423	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		540	
6424	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575	
6425	C ₉ H ₂₁ BO ₃	Isopropylborate	140.8	82	94.6	251	
6426	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575	
6427	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575	
6428	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		540	
6429	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		537	
6430	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		537	
6431	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575	
6432	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		537	
6433	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	Nonazeotrope		537	
6434	TiC ₁₂ H ₂₈ O ₄	Titanium isopropoxide	740 mm.	230	4	61	
A =	C₃H₈O	Propyl Alcohol	97.2				
6435	C ₃ H ₈ O ₂	Methylal	42.3	Nonazeotrope		575	
6436	C ₃ H ₈ S	1-Propane-thiol,	766 mm.	67.8	66.4	8.65	487
6437	C ₄ H ₆ O	Crotonaldehyde	102.15	< 97?		563	
6438	C ₄ H ₆ O ₂	Biacetyl	87.5	85.0	25	552	
6439	C ₄ H ₆ O ₂	Methyl acrylate	80	70.9	5.4	800	
6440	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.55	Nonazeotrope		575	
6441	C ₄ H ₇ N	Butyronitrile	118.5	Azeotrope doubtful		563	
6442	C ₄ H ₇ N	Isobutyronitrile	103.85	95	70	567	
6443	C ₄ H ₇ N	Pyrroline	90.9	< 89.0		575	
6444	C ₄ H ₈ Cl ₂ O	1,2-Dichloroethyl ethyl ether	145.5	Nonazeotrope		575	
6445	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		29	
6446	C ₄ H ₈ OS	Ethyl thioacetate	116.6	Nonazeotrope		575	
6447	C ₄ H ₈ O ₂	Dioxane	101.35	95.3	55	527	
6448	C ₄ H ₈ O ₂	Ethyl acetate	77.05	Nonazeotrope		834	
		"	40°-60°C.	Nonazeotrope		v-l	674
6449	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		532	
6450	C ₄ H ₈ O ₂	Propyl formate	80.9	80.6	9.8	359	
		"	80.8	80.65	< 3	572	

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₈O	Propyl Alcohol (continued)	97.2			
6451	C ₄ H ₈ S	Tetrahydrothiophene	118.8	96.5	90	555
6452	C ₄ H ₉ Br	1-Bromobutane	100.3	89.5	29	573
6453	C ₄ H ₉ Br	2-Bromobutane	91.2	85.3	20.5	567
6454	C ₄ H ₉ Br	1-Bromo-2-methylpropane	89.2	86.1	19.25	389,555
				B.p. curve		
6455	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	72.3		563
6456	C ₄ H ₉ Cl	1-Chlorobutane	78.05	74.8	~ 18	573
6457	C ₄ H ₉ Cl	2-Chlorobutane	68.25	67.2	> 9	567
6458	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	67.7	22	572
6459	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	68.25	67.2	> 9	575
6460	C ₄ H ₉ I	1-Iodobutane	130.4	96.2	66	567
6461	C ₄ H ₉ I	1-Iodo-2-methylpropane	120	93	45	573,834
6462	C ₄ H ₉ I	2-Iodobutane	120.0	94.5	53	575
6463	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	Nonazeotrope		549
6464	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		556
6465	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		834
6466	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		575
6467	C ₄ H ₁₀ S	Butanethiol	97.5	< 92.0	< 41	575
6468	C ₄ H ₁₀ S	Ethyl sulfide	92.2	85.5	28	555
6469	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		553
6470	C ₅ H ₇ N	N-Methylpyrrol	112.8	Nonazeotrope		575
6471	C ₅ H ₉ ClO ₂	Propyl chloroacetate	162.3	Nonazeotrope		121
6472	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	93.5	35	552
6473	C ₅ H ₁₀ O	2-Pentanone	102.35	96.0	68	552
6474	C ₅ H ₁₀ O	3-Pentanone	102.05	96.0	63	552
		"	101.8	94.9	57	981
6475	C ₅ H ₁₀ O ₂	Butyl formate	106.8	95.5	64	567
6476	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	93.4	51	563
6477	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	93.2	40	532
6478	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	94.4	47	572
6479	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	89.5	~ 26	532
6480	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	94.2	40	359,572
		"	101.6	94.7	49	v-1 752
		" 200 mm.		59.96	31.4	v-1 890
		" 400 mm.		77.06	39.2	v-1 890
		" 600 mm.		88.04	44.8	v-1 890
		" 760 mm.		94.7	48.9	v-1 890
6481	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	118.2	94.0	70.7	446,555
				B.p. curve		
6482	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	89.4	31	553

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.	
A =	C₃H₈O	Propyl Alcohol (<i>continued</i>)	97.2				
6483	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	146.5		Nonazeotrope	446	
6484	C ₅ H ₁₂	Pentane	36.15		Nonazeotrope	537	
6485	C ₅ H ₁₂ O	Ethyl propyl ether	63.85		Nonazeotrope	575	
6486	C ₅ H ₁₂ O	Isoamyl alcohol	131.9		Nonazeotrope	575	
6487	C ₅ H ₁₂ O ₂	Diethoxymethane	88.0	86.15	11	1035	
6488	C ₆ H ₅ Br	Bromobenzene	156.1		Nonazeotrope	575	
6489	C ₆ H ₅ Cl	Chlorobenzene		96.9	63	573	
		"	132	96.5	80	981	
6490	C ₆ H ₅ F	Fluorobenzene	85.15	80.2	18	545	
6491	C ₆ H ₆	Benzene	80.2	77.12	16.9	1044,1051	
		"		76-77	16.5	834	
		"		0	4.5	775	
		"		35.5	12	775	
		"		76.5	21	775	
		"	10.5 atm.	160	45	775	
		"	239 mm.	45	10.5	v-l 93	
		"	44.7-309.7 p.s.i.g.		Effect of press.	v-l 785	
		"	123 mm.	28.0	8.0	924,1011	
		"	289 mm.	49.8	11.6	924,1011	
		"	423 mm.	59.9	13.6	924,1011	
		"	610 mm.	70.1	15.7	924,1011	
		"	760 mm.	77.10	17.1	924,1011	
		"	342 mm.	53.7	12.3	735	
		"	573 mm.	68.6	15.3	735	
		"	2420 mm.	117.6	27.5	735	
		"	5020 mm.	147.5	37	735	
		"	10,050 mm.	183.8	50.5	735	
		"	18,200 mm.	218.3	66.1	735	
					Azeotropic at crit pt.	v-l	888
		80.1	77.1	17.9	v-l 661		
		711 mm.	75	17.4	v-l 302c		
6492	C ₆ H ₈	1,3-Cyclohexadiene	80.4	75.8	20	537	
6493	C ₆ H ₁₀	Cyclohexene	82.75	76.6	21.6	563	
6494	C ₆ H ₁₀	Methylcyclopentene	75.85	< 71.7	< 13	567	
6495	C ₆ H ₁₂	Cyclohexane	80.75	74.3	20	563	
		"	161 mm.	33.8	9.9	924	
		"	250 mm.	44.3	11.8	924	
		"	429 mm.	58.0	15.0	924	
		"	560 mm.	65.4	16.5	924	
		"	760 mm.	74.69	18.5	924	
		"	4-15 atm.		Effect of press.	786	
		"		80.7	75.0	16.8	v-l 661
		"		80.7	74.7	19.82	v-l 100
		"	652.6 mm.	70	18.82	v-l 100	
		"	453.3 mm.	59.81	16.6	v-l 100	
		"	311.6 mm.	49.86	14.3	v-l 100	

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₈O	Propyl Alcohol (<i>continued</i>)	97.2			
6495a	C ₆ H ₁₂	1-Hexene	63.6	Nonazeotrope		498m
6496	C ₆ H ₁₂	Methylcyclopentane	72.0	68.5	7	567
6497	C ₆ H ₁₂ O	2-Methylpentanal	118.3	95	86	981
6498	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		548
6499	C ₆ H ₁₂ O ₂	Ethyl butyrate	120.0	Nonazeotrope		536
6500	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	96.8		536
6501	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	Nonazeotrope		532
6502	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	Nonazeotrope		536
6503	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		575
6504	C ₆ H ₁₂ O ₃	Paraldehyde	123.9	Nonazeotrope		576
6505	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	< 56.8	< 6	567
6506	C ₆ H ₁₄	Hexane	68.95	65.65	4	563
6507	C ₆ H ₁₄ O	Propyl ether	90.7	85.8	32.2	545,760
6508	C ₆ H ₁₄ O ₂	Acetal	103.55	92.4	37	572
6509	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7	Nonazeotrope		1035
6510	C ₆ H ₁₆ OSi	(Trimethylsiloxy) propane, 735 mm.	100.3	87.5		520
6511	C ₆ H ₁₈ OSi ₂	Hexamethyldisiloxane	99.85	85.15	27.4	v-l 458
6512	C ₇ H ₈	Toluene	110.7		50.5	950
		"	110.6	92.6	49	981
		"	110.7	92.6	51.5	v-l 595
		"	110.6	92.5	51.2	662
		" 710 mm.		90.5	50.3	662
		" 612 mm.		86.0	48.3	662
		" 513 mm.		82.0	46.6	662
		" 413 mm.		75.5	44.2	662
		"	110.7	92.6	43	51,537, 834,1051
				0.5	19.5	814
				25	29.2	814
				50	38.9	814
				71.1	45.5	814
				91.1	50.5	814
6513	C ₇ H ₁₄	Methylcyclohexane	100.8	86.3	35	50
		"	100.8	87.0	34.8	v-l 778f
6514	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	87.5	36	573
		"	98.4	84.6	34.7	351
		" 552 mm.		75	33.8	v-l 577c
		" 643 mm.		75	32	v-l 302c
6515	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2	Nonazeotrope		324
6516	C ₈ H ₈	Styrene	145.8	97.0	8	545
		" 50 mm.		38.5	84	v-l 617
				% PrOH increases with press.		617
6517	C ₈ H ₁₀	Ethylbenzene, 50 mm.		% PrOH increases with press.		617

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₈O	Propyl Alcohol (<i>continued</i>)	97.2			
		"	60.5	96.85	91.5	v-1 587
		"	60 mm.	41	68	53
		"	136	Nonazeotrope		541
6518	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	97.08	94	527
6519	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		545
6520	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	96.88	92.2	v-1 308c
		"	138.45	97.0		575
		"	138.4		92	950
6521	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.5	< 94	< 70	563
6522	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	89.5	47	545
6523	C ₈ H ₁₈	Octane	125.6	93.9	70	537
6524	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	< 85.3	< 41	575
6525	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		556
		"	122.1	96.8		576
6526	C ₈ H ₁₈ O ₂	1,1-Dipropoxyethane	147.7	Nonazeotrope		45
6527	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
6528	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
6529	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		537
6530	C ₉ H ₁₂	Propylbenzene	158.9	Nonazeotrope		541
6531	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		540
6532	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
6533	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		540
6534	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		537
6535	C ₁₀ H ₁₆	α -Pinene	155.8	97.1	98-99?	563
6536	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
A =	C₃H₈OS	2-(Methylthio)ethanol				
6537	C ₅ H ₁₀ OS	2-Methylthioethyl vinyl ether, 22 mm.		75	20	953
A =	C₃H₈O₂	2-Methoxyethanol	124.5			
6538	C ₄ H ₄ N ₂	Pyrazine	117.2	Nonazeotrope		575
6539	C ₄ H ₅ N	Pyrrrol	130.0	Nonazeotrope		527
6540	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.45	Nonazeotrope		575
6541	C ₄ H ₈ O ₂	Dioxane	101.35	Nonazeotrope		527
6542	C ₄ H ₈ O ₃	Methyl lactate	143.8	Nonazeotrope		575
6543	C ₄ H ₉ I	1-Iodobutane	130.4	115.5		526
6544	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	110.5	25	526
6545	C ₄ H ₉ NO ₃	Isobutyl nitrate	123.5	< 115.0	< 44	560
6546	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		526
6547	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		575
6548	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		575
6549	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		575
6550	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		553
6551	C ₅ H ₇ N	1-Methylpyrrrol	112.8	Nonazeotrope		575
6552	C ₅ H ₇ N	Isovaleronitrile	130.5	< 130.0		575
6553	C ₅ H ₉ N	Valeronitrile	141.3	Nonazeotrope		556
6554	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₃H₈O₂	2-Methoxyethanol	(continued)	124.5		
6555	C ₃ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		556
6556	C ₃ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	111.5	20	526
6557	C ₃ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		526
6558	C ₃ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		526
6559	C ₃ H ₁₁ NO ₃	Isoamyl nitrate	149.75	Nonazeotrope		556
6560	C ₃ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		575
6561	C ₃ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.15	Nonazeotrope		575
6562	C ₃ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
6563	C ₃ H ₁₂ O	2-Pentanol	119.8	119.7	4	526
6564	C ₃ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		575
6565	C ₃ H ₁₂ O ₃	2-(2-Methoxyethoxy)-ethanol	192.95	Nonazeotrope		884
6566	C ₆ H ₅ Cl	Chlorobenzene	131	119.45	47.5	527
6567	C ₆ H ₆	Benzene		Nonazeotrope		556
		"	80.1	Nonazeotrope		v-l 961
6568	C ₆ H ₆ O	Phenol	181.2	Nonazeotrope		575
6569	C ₆ H ₇ N	2-Picoline	130.7	Nonazeotrope		575
6570	C ₆ H ₁₀ O	Mesityl oxide	129.45	122.5	59	552
6571	C ₆ H ₁₀ S	Allyl sulfide	139	122.5	75	555
6572	C ₆ H ₁₂	Cyclohexane	80.75	< 79.8	8	575
		"	80.7	Nonazeotrope		981
		"		77.5	15	v-l 961
6573	C ₆ H ₁₂ O	2-Hexanone	127.2	< 121.5	< 56	552
6574	C ₆ H ₁₂ O	3-Hexanone	123.3	< 119.5	< 43	552
6575	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	114.2	25	527
6576	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	119.45	48	556
6577	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	117.8	32	556
6578	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		526
6579	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	119.25	40	556
6580	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	115.5	16	556
6581	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	115.0	15	526
6582	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	118.5	38	526
6583	C ₆ H ₁₂ O ₃	2-Ethoxy ethyl acetate	156.8	Nonazeotrope		556
6584	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	118.6	35	556
6585	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		556
6586	C ₇ H ₈	Toluene	110.75	106.1	25.5	527
6587	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		556
6588	C ₇ H ₁₄	<i>trans</i> -2-Heptene	98.0	92.9	19 vol. %	826
6589	C ₇ H ₁₄	Methylcyclohexane	101.15	94.2	25	556
6590	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		526
6591	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		526
6592	C ₇ H ₁₆	Heptane	98.4	92.5	23	527
6593	C ₇ H ₁₆ O ₂	1- <i>tert</i> -Butoxy-2-methoxyethane		119	45	215
6594	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)-ethoxy]ethanol	245.25	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₃H₈O₂	2-Methoxyethanol	(continued)	124.5		
6595	C ₈ H ₈	Styrene	145.8	121.0	62	567
		" 742 mm.		120.8	72	311
		" 100 mm.		69.5	62	311
		" 60 mm.		57.5	60	311
		" 40 mm.		49.6	59	311
		" 60 mm.			v-l	311c
		" 57 mm.	67.9	54.8	62 vol. %	826
		" 62 mm.		56.8	50.1 v-l	421
6596	C ₈ H ₁₀	Ethylbenzene	62 mm.	51.9	34.3 v-l	421
		"	136	117	51.2	65
		" 62 mm.		51	39	65
		" 60 mm.	60.5	51	43	53,556
6597	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	119.5	58	527
		" 748 mm.		119.0	56	311
		" 100 mm.		65.5	47	311
		" 60 mm.		53.5	45 v-l	311,311c
		" 40 mm.		45.5	44	311
6598	C ₈ H ₁₀	<i>o</i> -Xylene	741 mm.	119.5	64	311
		" 100 mm.		67.5	56	311
		" 60 mm.		54.5	54 v-l	311,311c
		<i>o</i> -Xylene 40 mm.		47.5	52	311
		"	144.3	121.0	63	526
6599	C ₈ H ₁₀	<i>m,p</i> -Xylene	139	120		514
6600	C ₈ H ₁₀	Xylenes	140	Min. b.p.		65
6601	C ₈ H ₁₀	<i>p</i> -Xylene	750 mm.	119.5	55	311
		" 100 mm.		65.5	46	311
		" 60 mm.		53.6	44 v-l	311,311c
		" 40 mm.		45.5	42	311
		"	138.35	119.3	54 vol. %	826
6602	C ₈ H ₁₂	4-Vinylcyclohexene, 57 mm.		44.4	30 vol. %	826
6603	C ₈ H ₁₆	<i>cis</i> -1,3-Dimethyl- cyclohexane	120.9	105.6	36 vol. %	826
6604	C ₈ H ₁₆	<i>trans</i> -1-Ethyl-2- methylcyclopentane	121.2	106.3	32 vol. %	826
6605	C ₈ H ₁₆	<i>trans</i> -1-Ethyl-3- methylcyclopentane	120.8	106.0	35 vol. %	826
6606	C ₈ H ₁₆	1,1,3-Trimethyl- cyclopentane	104.89	96.7	20 vol. %	826
		"	104.9		~ 20	928
6607	C ₈ H ₁₆	1, <i>cis</i> -2, <i>cis</i> -3-Tri- methylcyclopentane	123.0	107.4	35 vol. %	826
6608	C ₈ H ₁₆	1, <i>trans</i> -2, <i>cis</i> -3-Tri- methylcyclopentane	110.2	100.2	20 vol. %	826
6609	C ₈ H ₁₆	2,4,4-Trimethyl- 1-pentene	101.44	95.5	20 vol. %	
6610	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		526

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₈O₂	2-Methoxyethanol	(continued)	124.5		
6611	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	100.0	33	556
6612	C ₈ H ₁₈	2,4-Dimethylhexane	109.4		~ 25	928
		"	109.43	99.3	26 vol. %	826
6613	C ₈ H ₁₈	2,2,3-Trimethylpentane	109.84	99.7	25 vol. %	826
		"	109.8		~ 24	928
6614	C ₈ H ₁₈	Octane	125.75	110.0	48	556
6615	C ₈ H ₁₈ O	Butyl ether	142.4	122.0	68	526
6616	C ₈ H ₁₈ O	Isobutyl ether	122.3	115.0	48	556
6617	C ₉ H ₁₂	Cumene	152.8	122.4	73.5	527
6618	C ₉ H ₁₂	Mesitylene	164.6	< 124.3		575
		"	164.6	Nonazeotrope		526
6619	C ₉ H ₁₂	Propylbenzene	159.3	< 124.0	> 82	575
		"	159.3	Nonazeotrope		556
6620	C ₉ H ₁₈	1,1,3-Trimethyl- cyclohexane	136.6	113.1	41 vol. %	826
6621	C ₉ H ₂₀	2,2,3,4-Tetramethyl- pentane	133.02	111.4	39 vol. %	826
		"			~ 42	928
6622	C ₉ H ₂₀	2,3,4-Trimethylhexane	139.0	113.5	39 vol. %	826
6623	C ₉ H ₂₀	2,3,5-Trimethylhexane	131.34	110.6	40 vol. %	826
6624	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
6625	C ₁₀ H ₁₆	Camphene	159.6	121.0	70	526
6626	C ₁₀ H ₁₆	Nopinene	163.8	121.8	5	567
6627	C ₁₀ H ₁₆	α-Pinene	155.8	120.2	66	526
6628	C ₁₀ H ₂₂	Decane	173.3	< 123.5	< 92	575
6629	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	121.0	70	526
A =	C₃H₈O₂	Methylal	42.3			
6630	C ₃ H ₈ S	Propanethiol	67.3	Nonazeotrope		575
6631	C ₃ H ₉ N	Propylamine	49.7	Nonazeotrope		551
6632	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	Nonazeotrope		559
6633	C ₄ H ₁₀ O	Methyl propyl ether	38.9	Nonazeotrope		561
6634	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		551
6635	C ₅ H ₈	3-Methyl-1,2-pentadiene	40.8	38.0	45	558
6636	C ₅ H ₈	Isoprene	34.3	32.8	30	558
		"		Nonazeotrope		581c
6637	C ₅ H ₁₀	Cyclopentane	49.3	40.0	62	558
6638	C ₅ H ₁₀	3-Methyl-1-butene	21.5	Nonazeotrope		558
6639	C ₅ H ₁₀	2-Methyl-2-butene	37.15	35.2	32	558
6640	C ₅ H ₁₀	1-Pentene	30.1	29.8	26 vol.	836
6641	C ₅ H ₁₀	2-Pentene	36.5	34.9	29 vol.	836
6642	C ₅ H ₁₂	2-Methylbutane	27.9	24.1	30 vol.	836
		"	27.95	27.0	23	558
6643	C ₅ H ₁₂	Pentane	36.08	31.5	28 vol.	836
		"	36.15	33.6	35	558
6643a	C ₆ H ₁₂ O	<i>tert</i> -Butyl methyl ether	55	Nonazeotrope		581c
6644	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
6645	C ₆ H ₁₀	Biallyl	60.1	41.8	85	558

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₈O₂	Methylal (continued)	42.3			
6646	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	41.5	80	558
6647	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		558
A =	C₃H₈O₂	1,2-Propanediol	187.8			
6648	C ₄ H ₅ N	Pyrrol	130.0	Nonazeotrope		575
6649	C ₄ H ₅ NS	Allyl isothiocyanate	152.05	< 151.5		575
6650	C ₄ H ₈ Br ₂ O	Bis(2-bromoethyl) ether		176-180		215
6650a	C ₄ H ₁₀ O ₂	1-Methoxy-2-propanol	120.8	Nonazeotrope		313c
6651	C ₃ H ₁₀ O ₂	3-Vinylxypropanol		Min. b.p.		263
6652	C ₆ H ₅ ClO	<i>p</i> -Chlorophenol	219.75	Nonazeotrope		575
6653	C ₆ H ₅ NO ₃	<i>o</i> -Nitrophenol	217.2	< 186.0	> 62	575
6654	C ₆ H ₆	Benzene	80.1	Nonazeotrope		981
6655	C ₆ H ₇ N	Aniline	184.35	179.5	43	551
6655a	C ₆ H ₁₂ O ₂	Butyl acetate				
		730 mm.		Nonazeotrope	v-1	684b
6656	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
6657	C ₆ H ₁₄ O ₃	Dipropylene glycol, 10 mm.		Nonazeotrope	v-1	183
6658	C ₇ H ₈	Toluene	110.6	110.5	1.5	982
6659	C ₇ H ₇ O	<i>p</i> -Cresol	201.8	Azeotrope doubtful		563
6660	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	243.8	242.2	~ 7	575
6661	C ₇ H ₉ N	Methylaniline	196.25	< 181.0	> 46	551
6662	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	< 170		575
6662a	C ₇ H ₁₆ O ₂	1-Butoxy-2-propanol	170	Nonazeotrope		313c
6662b	C ₇ H ₁₆ O ₃	Dipropylene glycol methyl ether		183.7	40.38	313c
		" 10 mm.			2.57	313c
6663	C ₈ H ₆ O	Coumarone	173	Azeo. distillation		330
6664	C ₈ H ₈ O	Acetophenone	202.0	< 183.5		552
6665	C ₈ H ₁₀	<i>o</i> -Xylene	144.4	135.8	10	982
6665a	C ₈ H ₁₀ O	2,6-Dimethylphenol		Min. b.p.		738c
6666	C ₈ H ₁₁ N	Dimethylaniline	194.05	< 177.0	> 45	551
6667	C ₈ H ₁₆ O	2-Octanone	172.85	< 169.5		552
6668	C ₈ H ₁₈ O	Butyl ether	142.1	136		981,982
6669	C ₉ H ₈	Indene	182.4	Min. b.p.		276
6670	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	< 174.0	37	551
6671	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	178.0	60	575
6672	C ₁₀ H ₈	Naphthalene	218.1	Azeo. distillation		330
6673	C ₁₀ H ₁₆ O	Camphor	209.1	< 185.0		552
6674	C ₁₀ H ₁₈ O	Menthone	209.5	< 185.0	< 85	552
6674a	C ₁₀ H ₂₂ O ₈	Dipropylene glycol butyl ether		186.5	93.30	313c
		" 10 mm.			79.08	313c
6675	C ₁₀ H ₂₂ O ₄	Tripropylene glycol methyl ether, 50 mm.		Nonazeotrope		215
6676	C ₁₂ H ₂₆	Dodecane	216	175	67	183
		" 743 mm.	216	175		424
		" 200 mm.		137		424

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₈O₂	1,2-Propanediol (<i>continued</i>)		187.8		
		" 150 mm.		130		424
		" 100 mm.	145	120.5	60	424
		" 50 mm.		105.7		424
6677	C ₁₄ H ₃₀	Tetradecane, 748 mm.	252.5	179	70	424
		" 200 mm.		142.5		424
		" 150 mm.		135		424
		" 100 mm.		126		424
		" 50 mm.		111		424
		"	252.5	179	76	183
6678	C ₁₆ H ₃₄ O	Bis(2-ethylhexyl) ether, 10 mm.	135	84		982
A =	C₃H₈O₂	1,3-Propanediol	214			
6679	C ₃ H ₁₀ O ₂	3-Vinyloxy-1-propanol			10-15	216
6679a	C ₈ H ₁₀ O	2,6-Dimethylphenol		Min. b.p.		738c
A =	C₃H₈O₃	Glycerol	290.5			
6680	C ₄ H ₁₀ O ₃	Diethylene glycol	245.5	Nonazeotrope		526
6681	C ₆ H ₄ Br ₂	<i>p</i> -Dibromobenzene	220.25	217.1	10	574
6682	C ₆ H ₄ ClNO ₂	<i>m</i> -Chloronitrobenzene	235.5	232.2	10	554
6683	C ₆ H ₄ ClNO ₂	<i>o</i> -Chloronitrobenzene	246.0	242.1	15?	554
6684	C ₆ H ₄ ClNO ₂	<i>p</i> -Chloronitrobenzene	239.1	235.6	13	554
6685	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		530
6686	C ₆ H ₆ O ₂	Pyrocatechol	245.9	Nonazeotrope		542
6687	C ₆ H ₆ O ₂	Resorcinol	281.4	Nonazeotrope		542
6688	C ₈ H ₈ O ₄	Methyl maleate	204.05	Nonazeotrope		575
6689	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		575
6690	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	Nonazeotrope		575
6691	C ₈ H ₁₄ O ₄	Triethylene glycol	288.7	285.1	37	527
6692	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	228.8	13	554
6693	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	220.7	8	554
6694	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	235.6	17	554
6695	C ₇ H ₈	Toluene	110.75	Nonazeotrope		537
6696	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		542
6697	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		544
6698	C ₈ H ₈ O ₂	Guaiacol	205.05	Nonazeotrope		556
6699	C ₈ H ₈	Styrene	145.8	Nonazeotrope		540
6700	C ₈ H ₈ O ₂	Benzyl formate	202.3	Nonazeotrope		537
6701	C ₈ H ₈ O ₂	Methyl benzoate	199.45	Nonazeotrope		537
6702	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		575
6703	C ₈ H ₈ O ₃	Methyl salicylate	222.35	221.4	7.5	537
6704	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		527
6705	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		537
6706	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		549
6707	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		575
6708	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	212.5	7	576
6709	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		575
6710	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₈O₃	Glycerol (continued)	290.5			
6711	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		575
6712	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		575
6713	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy)ethanol	231.2	Nonazeotrope		575
6714	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		553
6715	C ₉ H ₈	Indene	182.6	182.4	2	575
6716	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		552
6717	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	Nonazeotrope		536
6718	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		536
6719	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.7	230.5	10.3	537
6720	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		537
6721	C ₉ H ₁₂	Propylbenzene	158.8	Nonazeotrope		540
6722	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		549
6723	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	190.0	< 8	575
6724	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		575
6725	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.0	272.5		575
6726	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	256.0	17	575
6727	C ₁₀ H ₈	Naphthalene	218.05	215.2	10	530
6728	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	243.8	~ 16	538
6729	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Reacts		535
6730	C ₁₀ H ₁₀ O ₂	Safrol	235.9	231.3	14.5	530
6731	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.2	271.5	31	567
6732	C ₁₀ H ₁₂ O	Anethol	235.7	230.8	14	556
6733	C ₁₀ H ₁₂ O	Estragol	215.6	213.5	7.5	545
6734	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	228.6	7	530
6735	C ₁₀ H ₁₂ O ₂	Eugenol	254.5	251.3	14	556
6736	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	263.5	25	575
6737	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	228.8	8	536
6738	C ₁₀ H ₁₄	Butylbenzene	183.1	< 182.9		575
6739	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
6740	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
6741	C ₁₀ H ₁₄ O	Carvone	231.0	230.85	3	552
6742	C ₁₀ H ₁₄ O	Thymol	232.8	Nonazeotrope		530
6743	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	231.0	13	576
6744	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		537
6745	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	177.7	~ 1	537
6746	C ₁₀ H ₁₆	α -Pinene	155.6	Nonazeotrope		537
6747	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
6748	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
6749	C ₁₀ H ₁₆	Terpinolene	184.6	184.2		575
6750	C ₁₀ H ₁₆	Thymene	179.7	179.6	1	541
6751	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		575
6752	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		575
6753	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575
6754	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		575
6755	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		575
6756	C ₁₀ H ₂₂	Decane	173.3	Nonazeotrope		575
6757	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	Nonazeotrope		575
6758	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	237.25	~ 18	537

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₈H₈O₈	Glycerol (continued)	290.5			
6759	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	233.7	16.5	569
6760	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	271.5	Reacts		536
6761	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxy- benzene	255.0	248.3	18	538
6762	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.8	243	17	536
6763	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4- propenylbenzene	270.5	258.4	25	574
6764	C ₁₁ H ₁₄ O ₂	Ethyl β-phenyl propionate	248.1	242.0	15	567
6765	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	~ 237.4	14	536
6766	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	< 192.0	7.5	575
6767	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.2	214.0	8	545
6768	C ₁₂ H ₁₀	Acenaphthene	277.9	259.1	29	543
6769	C ₁₂ H ₁₀	Biphenyl	254.9	246.1	25	564
6770	C ₁₂ H ₁₀ O	Phenyl ether	259.3	247.9	22	530
6771	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05	251.6	22	536
6772	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	279	267		545
6773	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	212.9	8	538
6774	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	226.0	10	530
6775	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	203.5	~ 5	575
6776	C ₁₃ H ₁₀ O ₂	Phenyl benzoate	315	279	~ 55	536
6777	C ₁₃ H ₁₂	Diphenylmethane	265.6	250.8	27	530
6778	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	264.5	30	567
6779	C ₁₄ H ₁₂ O ₂	Benzyl benzoate	324	282.5		536
6780	C ₁₄ H ₁₄	1,2-Diphenylethane	284	261.3	32	537
6781	C ₁₄ H ₁₄ O	Benzyl ether	297.0	269.5	36	567
A =	C₆H₈S	Ethyl Methyl Sulfide	66.61			
6782	C ₆ H ₁₂	Cyclohexane	80.35	Nonazeotrope		205
6783	C ₆ H ₁₂	1-Hexene	63.50	62.71	29.4	205
6784	C ₆ H ₁₂	Methylcyclopentane	71.85	65.59	64.1	205
6785	C ₆ H ₁₄	2,3-Dimethylbutane	58.10	57.41	18.7	205
6786	C ₆ H ₁₄	Hexane	68.75	63.94	56.6	205
6787	C ₇ H ₁₆	2,2-Dimethylpentane	79.20	66.37	88.2	205
A =	C₃H₈S	1-Propanethiol	67.3			
6788	C ₄ H ₄ S	Thiophene	84.7	Nonazeotrope		575
6789	C ₄ H ₈ O	2-Butanone	79.6	~ 55.5	~ 75	563
6790	C ₅ H ₈	3-Methyl-1,2-butadiene	40.8	Reacts		563
6791	C ₅ H ₁₀	Cyclopentane	49.4	Nonazeotrope		566
6792	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		563
6793	C ₅ H ₁₂	Pentane	36.07	Nonazeotrope		202
6794	C ₅ H ₁₂ O	Ethyl propyl ether	63.85	< 63.5	> 9	575
6795	C ₆ H ₆	Benzene	80.103	Nonazeotrope		202
6796	C ₆ H ₁₀	Biallyl	60.2	Reacts		575
6797	C ₆ H ₁₂	Cyclohexane	80.738	67.77	97.6	202
6798	C ₆ H ₁₂	Methylcyclopentane	71.812	60.45	64.2	v-l 202
6799	C ₆ H ₁₄	2,2-Dimethylbutane	49.743	Nonazeotrope		202
6800	C ₆ H ₁₄	2,3-Dimethylbutane	57.990	57.54	16.3	202
6801	C ₆ H ₁₄	Hexane	68.742	64.35	52.6	v-l 202,566

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₃H₈S	1-Propanethiol (continued)	67.3			
6802	C ₆ H ₁₄	2-Methylpentane	60.274	59.20	23.9	v-1 202
6803	C ₆ H ₁₄	3-Methylpentane	63.284	61.26	34.2	202
6804	C ₆ H ₁₄ O	Isopropyl ether	68.3	66.0	65	562
6805	C ₇ H ₁₆	2,2-Dimethylpentane	79.205	67.20	81.3	202
6806	C ₇ H ₁₆	2,4-Dimethylpentane	80.51	67.48	85.1	202
6807	C ₇ H ₁₆	2,2,3-Trimethylbutane	80.871	67.57	87.4	202
A =	C₃H₈S	2-Propanethiol	52.60			
6808	C ₅ H ₁₀	Cyclopentane	49.263	47.75	35.3	202
6809	C ₅ H ₁₂	Pentane	34.074	Nonazeotrope		202
6810	C ₆ H ₁₄	2,2-Dimethylbutane	49.743	47.41	37.7	202
6811	C ₆ H ₁₄	2,3-Dimethylbutane	57.990	51.24	67.5	202
6812	C ₆ H ₁₄	Hexane	68.742	Nonazeotrope		202
6813	C ₆ H ₁₄	2-Methylpentane	60.274	51.70	75.9	202
6814	C ₆ H ₁₄	3-Methylpentane	63.284	52.40	87.0	202
A =	C₃H₈BO₃	Methyl Borate	68.7			
6815	C ₄ H ₈ O	2-Butanone	79.6	68.0	85	552
6816	C ₄ H ₈ O	Butyraldehyde	75.5	Nonazeotrope		548
6817	C ₄ H ₈ O	Tetrahydrofuran	65	Nonazeotrope		v-1 318
6818	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		549
6819	C ₄ H ₈ O ₂	Isopropyl formate	68.8	< 67.0	< 58	549
6820	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	Nonazeotrope		538
6821	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		575
6822	C ₄ H ₉ Cl	2-Chlorobutane	68.25	66.9	45	562
6823	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	67.3	54	531
6824	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	Nonazeotrope		575
6825	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		549
6826	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	< 66.9		549
6827	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	< 66.0	> 75	575
6828	C ₅ H ₁₂	Pentane	36.2	Nonazeotrope		546
6829	C ₆ H ₅ F	Fluorobenzene	84.9	Nonazeotrope		575
6830	C ₆ H ₆	Benzene	80.2	Nonazeotrope		538
6831	C ₆ H ₈	1,3-Cyclohexadiene	80.4	Nonazeotrope		546
6832	C ₆ H ₁₂	Cyclohexane	80.8	Nonazeotrope		546
6833	C ₆ H ₁₂	Methylcyclopentane	72.0	67.5	58	562,929
6834	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		575
6835	C ₆ H ₁₄	<i>n</i> -Hexane	63.95	~ 66.3	50	531
A =	C₃H₉ClSi	Chlorotrimethylsilane	57.7			
6835a	C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	178.6	Nonazeotrope		886c
6836	C ₆ H ₁₄	2-Methylpentane	60.4	56.4	65	844
6837	C ₆ H ₁₄	3-Methylpentane	63.3	57.3	70	844
A =	C₃H₉N	Isopropylamine	32.4			
6837a	C ₆ H ₈	Diolefins		Min. b.p.		258c
6837b	C ₆ H ₁₀	Amylenes		Min. b.p.		258c
6837c	C ₆ H ₁₂	Pentanes		Min. b.p.		258c
6838	C ₆ H ₁₄	Hexane	68.7	Nonazeotrope		981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C_3H_9N	Propylamine	49.7			
6839	C_4H_8O	2-Butanone	79.6	Nonazeotrope		527
6840	$C_4H_{10}O$	Ethyl ether	34.6	Nonazeotrope		551
6841	C_5H_{10}	Cyclopentane	49.3	47.0	52	551
6842	C_5H_{10}	2-Methyl-2-butene	37.15	~ 32	~ 32	563
6843	C_5H_{12}	2-Methylbutane	27.95	Nonazeotrope		551
6844	C_6H_{14}	2,3-Dimethylbutane	58.0	Nonazeotrope		551
A =	C_3H_9N	Trimethylamine	3.5			
6845	C_4H_4	1-Buten-3-yne	5.0	Nonazeotrope		84
6846	C_4H_6	1,3-Butadiene	— 4.6	Nonazeotrope		84
6847	C_4H_8	1-Butene	— 6	Nonazeotrope		84,378
6848	C_4H_8	<i>cis</i> -2-Butene	1.0	Nonazeotrope		84
6849	C_4H_8	<i>trans</i> -2-Butene	3.5	Nonazeotrope		84
6850	C_4H_8	2-Methylpropene	— 6	Nonazeotrope		84,378
6851	C_4H_{10}	Butane	0	Nonazeotrope		84,378
6852	C_4H_{10}	2-Methylpropane	— 10	Nonazeotrope		84,378
A =	C_3H_7NO	1-Amino-2-propanol	159.9			
6853	C_6H_5Cl	Chlorobenzene	131	128.30	13	741
6854	$C_6H_{15}NO_2$	1,1'-Iminodi-2-propanol, 100 mm.	185	Nonazeotrope		981
6855	C_7H_8	Toluene	110.7	110	5	741
6856	C_7H_{16}	Heptane	98.4	96.6	6	981
A =	$C_3H_{10}N_2$	1,2-Propanediamine	120.9			
6857	$C_4H_{10}O$	Butyl alcohol	117.7	126.5	49	982
6858	$C_4H_{10}O$	Isobutyl alcohol	107.9	123	65	982
6859	C_7H_8	Toluene	110.6	105	32	981
A =	$C_3H_{10}OSi$	Trimethylsilanol	99			
6860	$C_6H_{18}OSi_2$	Hexamethyldisiloxane	100	90	33-35	839
A =	$C_4Cl_3F_7$	2,2,3-Trichloroheptafluorobutane	97.4			
6861	$C_5Cl_2F_6$	1,2-Dichlorohexafluorocyclopentene	90.6	Nonazeotrope	v-1	1041
6862	C_7H_{16}	Heptane	98.53	92.3	76	v-1 1041
6863	$C_8F_{16}O$	Perfluorocyclic oxide	102.6	96.35	67	v-1 1041
A =	$C_4HF_3O_2$	Perfluorobutyric Acid	122.0			
6864	C_8H_{10}	Ethylbenzene	136.15	115.4	80	163
6865	C_8H_{10}	<i>m</i> -Xylene	139	117.5	83	163
6866	C_8H_{10}	<i>p</i> -Xylene	138.4	117.6	82	163
A =	$C_4H_2O_3$	Maleic Anhydride				
6867	C_8H_{10}	<i>m</i> -Xylene, 150 mm.		Nonazeotrope		981
6867a	C_8H_{10}	<i>o</i> -Xylene, 40 mm.			v-1	29e
		" 60 mm.		Nonazeotrope	v-1	438c
6868	$C_{16}H_{22}O_4$	Dibutyl phthalate, 50 mm.	238	Nonazeotrope		981
6869	C_nH_m	Hydrocarbons		Min. b.pt.		643

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₄	Vinylacetylene				
6870	C ₄ H ₅ Cl	2-Chloro-1,3-butadiene, 740 mm.		Nonazeotrope	v-l	419
6871	C ₄ H ₈	2-Butene	3.5	Min. b.p.		102
A =	C₄H₄N₂	Pyrazine	117.2			
6872	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	116.0	> 5	575
A =	C₆H₆N₂	Pyridazine	207.2			
6873	C ₆ H ₅ NO ₃	<i>o</i> -Nitrophenol	217.2	Nonazeotrope		575
6874	C ₆ H ₆ O	Phenol	182.2	209.0	88	575
6875	C ₇ H ₇ ClO	<i>m</i> -Chloroanisole	193.3	Nonazeotrope		575
6876	C ₇ H ₇ ClO	<i>p</i> -Chloroanisole	197.8	Nonazeotrope		575
6877	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	211.8	68	575
6878	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	211.5	70	575
6879	C ₇ H ₈ O ₂	Guaiacol	205.05	203.5		575
6880	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	220.5	15	575
6881	C ₈ H ₁₀ O	2,4-Xylenol	210.5	215.5	25	575
6882	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	<203.5	>13	575
A =	C₅H₄O	Furan	31.7			
6883	C ₅ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		558
6884	C ₅ H ₁₂	2-Methylbutane	27.95	< 27.0	> 8	558
A =	C₄H₄O₂	Diketene				
6885	C ₇ H ₈	Toluene, 60 mm.		41	10	227
A =	C₄H₄S	Thiophene	84.7			
6886	C ₄ H ₇ N	Pyrraline	90.9	Nonazeotrope		575
6887	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		527
6888	C ₄ H ₈ O	Butyraldehyde	75.2	Nonazeotrope		566
6889	C ₄ H ₈ O ₂	Ethyl acetate	77.1	Nonazeotrope		527
		"		< 73	>20	563
6890	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		527
6891	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		527
6892	C ₄ H ₉ Cl	1-Chlorobutane	78.5	Nonazeotrope		527
6893	C ₄ H ₉ ClO	2-Chloroethyl ethyl ether	98.5	Nonazeotrope		566
6894	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		527
6895	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		550
6896	C ₄ H ₁₀ S	2-Butanethiol	85.15	82.27		205
6897	C ₅ H ₁₀ S	Isopropyl methyl sulfide	84.76	83.42		205
6898	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		205,575
6899	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		527
6900	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	< 83.9		566
6901	C ₆ H ₆	Benzene	80.2	Nonazeotrope		527
		"		"	v-l	605
6902	C ₆ H ₁₀	Cyclohexene	82.75	< 82.5	>15	561
6903	C ₆ H ₁₂	Cyclohexane	80.85	77.90	41.2	205
6904	C ₆ H ₁₂	Methylcyclopentane	71.85	71.47	14.0	205
		"	72.0	Nonazeotrope		566

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₄O₂	Thiophene (<i>continued</i>)	84.7			
6905	C ₆ H ₁₄	Hexane	68.95	Nonazeotrope		527
		"	68.75	68.46	11.2	205
6906	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		566
6907	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethyl- cyclopentane		82.00	67.7	205
6908	C ₇ H ₁₆	2,3-Dimethylpentane	89.90	80.90	64	205
6909	C ₇ H ₁₆	2,4-Dimethylpentane	80.55	76.58	42.7	205
6910	C ₇ H ₁₆	Heptane	98.40	83.09	83.2	205
A =	C₄H₆Cl	2-Chloro-1,3-butadiene				
6911	C ₄ H ₆ Cl ₂	1,3-Dichloro-2- butene, 100 mm.		Nonazeotrope	v-1	419
		" 340 mm.		Nonazeotrope	v-1	419
6912	C ₄ H ₆ O	1-Butene-3- one, 100 mm.		Nonazeotrope	v-1	419
		" 340 mm.		Nonazeotrope	v-1	419
A =	C₄H₅ClO₂	α-Chlorocrotonic Acid	212.5			
6913	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	< 208.0	>30	554
6914	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	< 211.2	>72	554
A =	C₄H₅Cl₃	2,3,4-Trichloro-1-butene				
6914a	C ₄ H ₆ Cl ₂	<i>trans</i> -1,3-Dichloro-2- butene 40 mm.		Nonazeotrope	v-1	158f
A =	C₄H₅Cl₃O₂	Ethyl Trichloroacetate	167.2			
6915	C ₄ H ₈ O ₂	Butyric acid	164.0	< 163.5		575
6916	C ₄ H ₈ O ₂	Isobutyric acid	154.6	Nonazeotrope		575
6917	C ₅ H ₁₀ O ₂	Valeric acid	186.35	Nonazeotrope		575
6918	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		563
6919	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	< 165.5	>62	575
6920	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
A =	C₄H₅N	Pyrrol	129.2			
6921	C ₄ H ₉ I	1-Iodobutane	130.4	< 123.2	32	553
6922	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		527
6923	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		575
6924	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		575
6925	C ₄ H ₁₀ S	Butanethiol	97.8	Nonazeotrope		575
6926	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		553
6927	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		553
6928	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.5	131.6	49	553
6929	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	< 116.4	>10	553
6930	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		527
6931	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		575
6932	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	< 129.4	>21	553
6933	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		527
6934	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		527
6935	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		553
6936	C ₆ H ₅ Cl	Chlorobenzene	131.75	124.5	43	527

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₄H₅N	Pyrrol (<i>continued</i>)	129.2			
6937	C ₆ H ₇ N	3-Picoline	143.8	145-148		242
6938	C ₆ H ₇ N	4-Picoline	144.8	145-148		242
6939	C ₆ H ₁₀ O	Mesityl oxide	130.5	~ 128		561
6940	C ₆ H ₁₀ S	Allyl sulfide	139.35	127.0	70	575
6941	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	~ 130.0	~ 60	548
6942	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		527
6943	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	117.5	20	553
6944	C ₆ H ₁₄ S	Propyl sulfide	140.8	127.5	65	553
6945	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		553
6946	C ₇ H ₈	Toluene	110.75	Nonazeotrope		553
6947	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		527
6948	C ₈ H ₁₄ O ₂	Propyl isobutyrate	134.0	>134.8	>25	548
6949	C ₈ H ₁₀	Xylenes	140	Min. b.p.		515
6950	C ₈ H ₁₈	<i>n</i> -Octane	125.75	< 124.3	<36	553
6951	C ₈ H ₁₈ O	Isobutyl ether	122.3	< 121.5	>12	562
A =	C₄H₅NS	Allyl Isothiocyanate	152.0			
6952	C ₄ H ₈ Cl ₂ O	1,2-Dichloroethyl ethyl ether	145.5	Nonazeotrope		575
6953	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		575
6954	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		575
6955	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		575
6956	C ₆ H ₁₈ ClO ₂	Chloroacetal	157	Nonazeotrope		575
6957	C ₆ H ₁₄ O	Hexyl alcohol	157.85	< 151.8		575
6958	C ₆ H ₁₄ O ₂	Pinacol	174.35	Nonazeotrope		575
6959	C ₆ H ₁₄ S	Propyl sulfide	141.5	< 141.1	<19	575
6960	C ₇ H ₈ O	Anisole	153.85	151.5	68	575
6961	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		575
6962	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		575
A =	C₄H₆	1,3-Butadiene	— 4.5			
6962a	C ₄ H ₆	1-Butyne	7	Nonazeotrope	v-1	149c
6963	C ₄ H ₈	1-Butene	— 5	Nonazeotrope		561
6964	C ₄ H ₈	2-Butene	1.5-3	—5.53	76.5	v-1 111
		"	1	Nonazeotrope		v-1 149c
6964a	C ₄ H ₈ O ₂	Ethyl acetate	77	Nonazeotrope		v-1 1030c
6965	C ₄ H ₁₀	Butane	— 0.5	Min. b.p.		102
6966	C ₄ H ₁₀ O	Ethyl ether	34.5	Nonazeotrope		v-1111,1030c
6967	C ₅ H ₂ Cl	Chloroprene	59.4	Nonazeotrope		v-1 428
6967a	C ₆ H ₆	Benzene	80.1	Nonazeotrope		v-1 1030c
A =	C₄H₈	1-Butyne	9			
6968	C ₄ H ₈	<i>cis</i> -2-Butene	1	Min. b.p.	9.5	102
6969	C ₄ H ₈	<i>trans</i> -2-Butene	3.5		25.5	102
A =	C₄H₈Cl₂	1,3-Dichloro-2-butene				
6970	C ₄ H ₈ O	1-Butene-3-one	150 mm.	Nonazeotrope		v-1 420
A =	C₄H₈Cl₂O₂	Ethyl Dichloroacetate	158.1			
6971	C ₄ H ₈ O ₂	Butyric acid	164.0	157.0		562

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₆Cl₂O₂	Ethyl Dichloroacetate	158.1			
		<i>(continued)</i>				
6972	C ₄ H ₈ O ₂	Isobutyric acid	154.6	< 153.8		562
6973	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		575
6974	C ₅ H ₄ O ₂	2-Furaldehyde	161.5	Nonazeotrope		563
6975	C ₅ H ₁₀ O ₃	Ethyl lactate	154.1	Nonazeotrope		575
6976	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	Nonazeotrope		560
6977	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		575
6978	C ₆ H ₁₄ O	Hexyl alcohol	157.85	< 156.0	58	575
6979	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		575
6980	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		575
6981	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		575
6982	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		575
A =	C₄H₆O	Crotonaldehyde	102.15			
6983	C ₄ H ₈ Br	1-Bromo-2-methylpropane	91.6	Nonazeotrope		563
6984	C ₆ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		552
6985	C ₅ H ₁₀ O	2-Pentanone	102.35	101.2		552
6986	C ₅ H ₁₀ O	3-Pentanone	102.05	< 101.4		552
6987	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	98.0	25	575
6988	C ₅ H ₁₀ O ₂	Methyl butyrate	102.75	< 101		563
6989	C ₆ H ₆	Benzene	80.2	Nonazeotrope		563
6990	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
6991	C ₇ H ₈	Toluene	110.65	Min. b.p.		932
			110.65	Nonazeotrope		575
6992	C ₇ H ₁₄	Methylcyclohexane	101.15	< 99.5		575
6993	C _n H _{2n+2}	Paraffins	109.5-110.5	102.8		241,932
A =	C₄H₆O₂	Allyl Formate	80.0			
6994	C ₄ H ₉ Cl	1-Chlorobutane	78.5	< 76.0	>40	575
6995	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	< 77.0	>30	549
6996	C ₆ H ₆	Benzene	80.15	79.2	>45	575
6997	C ₆ H ₁₄	Hexane	68.8	< 64.5	>26	575
A =	C₄H₆O₂	Biacetyl	87.5			
6998	C ₄ H ₈ O	2-Butanone	79.6	Nonazeotrope		981
6999	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		552
7000	C ₆ H ₆	Benzene	80	79.3	~ 55	640
7001	C ₆ H ₁₅ N	Dipropylamine	109.2	Nonazeotrope		575
A =	C₇H₆O₂	2-Butyne-1,4-diol				
7002	C ₅ H ₉ NO	N-Methyl-2-pyrrolidone	251	Nonazeotrope	v-1	339
A =	C₇H₆O₂	Dioxene	94.7			
7003	C ₄ H ₁₀ O ₃	Diethylene glycol	245.1	Nonazeotrope	v-1	215
A =	C₄H₆O₂	Methyl Acrylate	80			
7004	C ₄ H ₁₀ O	Butyl alcohol	117	Nonazeotrope		800
7005	C ₄ H ₁₀ O	Isobutyl alcohol	108	Nonazeotrope		800
7006	C ₅ H ₈ O ₂	Ethyl acrylate,				
		103 mm.	43	Nonazeotrope		800
A =	C₄H₆O₂	Methacrylic Acid	160.5			
7007	C ₅ H ₈ O ₂	Methyl methacrylate	99.5	Nonazeotrope		1032

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₈O₂	Vinyl Acetate	72.7			
7008	C ₄ H ₁₀ O	Butyl alcohol	117.7	Nonazeotrope		981
7009	C ₆ H ₁₂	Cyclohexane	80.7	67.4	61.3	981
7010	C ₇ H ₁₆	2,4-Dimethylpentane	80.5	67.2	56.9	v-l 941
1011	C ₇ H ₁₆	Heptane	98.4	72	83.5	981
1012	C ₈ H ₁₈ O	Butyl ether	142.1	Nonazeotrope		981
A =	C₄H₆O₃	Acetic Anhydride	138			
7013	C ₅ H ₅ N	Pyridine	115	Nonazeotrope		v-l 694,428
7014	C ₅ H ₈ O ₂	Isopropenyl acetate	97.4	Nonazeotrope		981
7015	C ₅ H ₈ O ₄	Methylene diacetate	164	Nonazeotrope		v-l 428
		" 100 mm.		Nonazeotrope		v-l 428
		" low pressure	92	Nonazeotrope		v-l 954c
7016	C ₅ H ₁₀ O ₂	Isopropyl acetate	88.7	Nonazeotrope		981
7016a	C ₆ H ₆	Benzene	80.1	Nonazeotrope		v-l 659c
7017	C ₆ H ₁₂	Cyclohexane	80.7	80.1	7.8	v-l 428
7018	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		981
7019	C ₇ H ₁₄	Methylcyclohexane	101	99	~ 18	277
7020	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	Azeotropic		277
7021	C ₈ H ₁₆	Ethylcyclohexane	131	118	~ 37	277
7022	C ₈ H ₁₈	<i>n</i> -Octane	125.8	Azeotropic		277
7023	C ₉ H ₂₀	<i>n</i> -Nonane	150	Azeotropic		277
7024	C ₁₀ H ₂₂	<i>n</i> -Decane	173	Azeotropic		277
7025	C ₁₁ H ₂₄	<i>n</i> -Undecane	194.5	Azeotropic		277
A =	C₄H₆O₃	Methyl Pyruvate	137.5			
7026	C ₄ H ₈ O ₂	Isobutyric acid	154.6	Nonazeotrope		552
7027	C ₄ H ₉ I	1-Iodobutane	130.4	< 127.0		552
7028	C ₅ H ₈ O ₂	2,4-Pentanedione	137.7	< 136.2		552
7029	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		575
7030	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		552
7031	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	< 136.0		552
7032	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		552
7033	C ₆ H ₅ Cl	Chlorobenzene	131.75	129.0	30	552
7034	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		552
7035	C ₆ H ₁₀ S	Allyl sulfide	139.35	< 134.4	> 53	566
7036	C ₆ H ₁₂ O	2-Hexanone	127.2	Nonazeotrope		552
7037	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		552
7038	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		575
7039	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		552
7040	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		566
7041	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		552
7042	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	< 132.0		552
7043	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	135.0	65	552
7044	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	130.0	50	552
7045	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	< 117.0		552
7046	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		575
7047	C ₈ H ₁₈ O	Butyl ether	142.4	130.2		552
7048	C ₈ H ₁₈ O	Isobutyl ether	122.3	< 121.5		552

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₆O₃	Methyl Pyruvate (continued)	137.5			
7049	C ₁₀ H ₁₆	Camphene	159.6	< 135.2		552
7050	C ₁₀ H ₁₆	α-Pinene	155.8	< 134.5		552
A =	C₄H₆O₄	Ethylene Glycol Diformate	174			
7051	C _n H _m	Hydrocarbons		Min. b.p.		644
A =	C₄H₆O₄	Methyl Oxalate	163.3			
7052	C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.5	Nonazeotrope		563
7053	C ₄ H ₈ O ₂	Butyric acid	164.0	< 160.8	> 54	562
7054	C ₄ H ₈ O ₂	Isobutyric acid	154.6	< 154.2	< 18	562
7055	C ₄ H ₈ O ₃	Glycol monoacetate	190.9	Nonazeotrope		575
7056	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		572
7057	C ₅ H ₁₀ O ₃	Ethyl lactate	154.1	Nonazeotrope		575
7058	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		575
7059	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.6	Nonazeotrope		547
7060	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	< 163.8	< 89	575
7061	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.35	162.05	65	530
7062	C ₆ H ₅ Br	Bromobenzene	156.1	153.05	28	563
7063	C ₆ H ₆ O	Phenol	182.2	182.35	~ 8	573
7064	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		552
7065	C ₆ H ₁₂ O	Cyclohexanol	160.65	155.6	41	563
7066	C ₆ H ₁₃ Br	1-Bromohexane	156.5	< 154.0	< 30	575
7067	C ₆ H ₁₃ ClO ₂	Chloroacetal	157.4	Nonazeotrope		531
7068	C ₆ H ₁₄ O	Hexyl alcohol	157.85	< 155.5		567
7069	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		575
7070	C ₆ H ₁₄ O ₂	Pinacol	174.35	163.15	81	530
7071	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	Nonazeotrope		527
7072	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	164.1	98	538
7073	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	Nonazeotrope		538
7074	C ₇ H ₇ Cl	α-Chlorotoluene	179.3	Nonazeotrope		530
7075	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	154.8	35	570
7076	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	156.6	30	538
7077	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
7078	C ₇ H ₈ O	Anisole	153.85	153.65	~ 15	557
7079	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	< 161.2		575
7080	C ₇ H ₁₆ O	Heptyl alcohol	176.15	< 163.8		575
7081	C ₈ H ₈	Styrene	145.7	< 142.5	~ 12	563
7082	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		575
7083	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	< 138.8		575
7084	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	< 143.0		562
7085	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	< 161.9	< 60	557
7086	C ₈ H ₁₀ O	Phenetole	170.45	161.35		571
7087	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
7088	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	160.5	58	549
7089	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	161.0	60	549
7090	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	< 162.5	< 76	575
7091	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	157.5	38	549
7092	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	< 155.5	> 23	549

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₆O₄	Methyl Oxalate (<i>continued</i>)	163.3			
7093	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	< 154.5	> 20	549
7094	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	~ 163.8	86?	530
7095	C ₈ H ₂₀ SiO ₄	Ethyl silicate	165	162.5		563
7096	C ₉ H ₈	Indene	182.6	163.6	83	564
7097	C ₉ H ₁₂	Cumene	152.8	148.5		562
7098	C ₉ H ₁₂	Mesitylene	164.0	154.8	49.8	563
7099	C ₉ H ₁₂	Propylbenzene	158	~ 152	~ 38	563
7100	C ₉ H ₁₂	Pseudocumene	169	~ 157	~ 65	563
7101	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	161.0	65	549
7102	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
7103	C ₁₀ H ₁₄	Butylbenzene	183.2	< 163.5		546
7104	C ₁₀ H ₁₄	Cymene	175.3	~ 161	~ 80	563
7105	C ₁₀ H ₁₆	Camphene	159.6	146.65	42	570
7106	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	156.7	~ 75	563
7107	C ₁₀ H ₁₆	Nopinene	163.8	147.1	51	563
7108	C ₁₀ H ₁₆	α -Phellandrene	171.5	153	~ 68	563
7109	C ₁₀ H ₁₆	α -Pinene	155.8	144.1	39	563
7110	C ₁₀ H ₁₆	Terpinene	180.5	~ 159.5	~ 88	563
7111	C ₁₀ H ₁₆	α -Terpinene	173.3	159.5	82	562
7112	C ₁₀ H ₁₆	γ -Terpinene	183	159.5	82	575
7113	C ₁₀ H ₁₆	Terpinolene	185.2	160.0	< 90	546
		"	185	Azeotrope doubtful		563
7114	C ₁₀ H ₁₆	Terpinylene	175	~ 155	< 80	563
7115	C ₁₀ H ₁₆	Thymene	179	150	54	563
7116	C ₁₀ H ₁₈	<i>p</i> -Menthen	170.8	154.0	70	546
7117	C ₁₀ H ₁₈ O	Cineol	176.35	158.85	55	557
7118	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	193.5	162.2	70	549
7119	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	147.0	45	546
7120	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	154.8	54	557
		"	173.4	162.2	~ 80	548
7121	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
7122	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268	Azeotrope doubtful		563
A =	C₄H₇BrO₂	Ethyl Bromoacetate	158.8			
7123	C ₄ H ₈ O ₂	Butyric acid	164.0	157.4	84	527
7124	C ₄ H ₈ O ₂	Isobutyric acid	154.6	153.0	40	527
7125	C ₄ H ₈ O ₃	Methyl lactate	143.8	Nonazeotrope		527
7126	C ₄ H ₁₀ O	<i>n</i> -Butyl alcohol	117.8	Nonazeotrope		527
7127	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		575
7128	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		575
7129	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		527
7130	C ₅ H ₁₀ O ₃	Ethyl lactate	154.1	Nonazeotrope		527
		"	155	152.5		563
7131	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		527
7132	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	< 147.5	< 10	527
7133	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	Nonazeotrope		560
7134	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₅BrO₂	Ethyl Bromoacetate	158.8			
		<i>(continued)</i>				
7135	C ₅ H ₁₀ O ₂	2-Propoxyethanol	151.35	151.25	5	527
7136	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	Nonazeotrope		527
7137	C ₆ H ₅ Br	Bromobenzene	156.1	155.3	28	527
7138	C ₈ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		527
7139	C ₆ H ₁₂ O	Cyclohexanol	160.8	155.5	65	527
		"	160.65	~ 156		563
7140	C ₈ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		527
7141	C ₆ H ₁₂ O ₃	Isopropyl lactate	166.8	Nonazeotrope		575
7142	C ₈ H ₁₂ O ₃	Propyl lactate	171.7	Nonazeotrope		527
7143	C ₆ H ₁₃ Br	1-Bromohexane	156.5	< 155.0	< 39	563
7144	C ₆ H ₁₄ O	<i>n</i> -Hexanol	157.85	154.0	55	527
7145	C ₈ H ₁₆ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		527
7146	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		566
7147	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	156.2	52	527
7148	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	< 158.5	< 90	575
7149	C ₇ H ₈ O	Anisole	153.85	153.8		527
7150	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	157.5	85	575
7151	C ₇ H ₁₄ O ₃	Methyl-1,3-butanediol acetate	171.35	Nonazeotrope		527
7152	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.15	Nonazeotrope		527
7153	C ₈ H ₈	Styrene	145.8	Nonazeotrope		575
7154	C ₉ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		575
7155	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		575
7156	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		575
7157	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
7158	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		532
7159	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		575
7160	C ₈ H ₁₈ O	<i>sec</i> -Octanol	180.4	Nonazeotrope		527
7161	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		566
7162	C ₉ H ₁₂	Mesitylene	164.6	< 158.4	< 88	575
7163	C ₉ H ₁₂	Propylbenzene	159.3	155.8	50	562
7164	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		575
7165	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		527
7166	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
7167	C ₁₀ H ₁₆	Camphene	~ 158	~ 154		563
7168	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		575
7169	C ₁₀ H ₁₆	Nopinene	163.8	156.5	78	562
7170	C ₁₀ H ₁₆	α -Pinene	155.8	152.5	~ 46	563
7171	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
7172	C ₁₀ H ₁₈ O	Cineol	176.35	Nonazeotrope		575
7173	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		575
A =	C₄H₇ClO	2-Chloroethyl Vinyl Ether	108			
7174	C ₄ H ₈ O ₂	Dioxane	101	Nonazeotrope		180,798
7175	C ₅ H ₁₂ O	Isoamyl alcohol	131.8	109	99	982
		"	50 mm. 67	39	99	982

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₇ClO₂	Ethyl Chloroacetate	143.55			
7176	C ₄ H ₈ O ₂	Butyric acid	164	Nonazeotrope		527
7177	C ₄ H ₈ O ₂	Isobutyric acid	154.6	Nonazeotrope		575
7178	C ₄ H ₈ O ₃	Methyl lactate	144.8	140.4	~ 52	563
7179	C ₄ H ₉ I	1-Iodobutane	130.4	< 130.0	< 10	575
7180	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		535
7181	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		575
7182	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	134.8	32	556
7183	C ₅ H ₈ O	Cyclopentanone	130.65	Nonazeotrope		552
7184	C ₅ H ₁₀ O	Cyclopentanol	140.85	137.6	50	567
7185	C ₅ H ₁₀ O ₃	Ethyl lactate	154.1	Nonazeotrope		575
7186	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	144.95	38	556,569
7187	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	140.2	49	572
7188	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	Nonazeotrope		560
7189	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	131	23	527
7190	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		575
7191	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		526
7192	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		575
7193	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		575
7194	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		552
7195	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		527,552
7196	C ₆ H ₁₀ S	Allyl sulfide	139.35	138.5	22	566
7197	C ₆ H ₁₀ O	Cyclohexanol	160.8	Nonazeotrope		575
7198	C ₆ H ₁₂ O	2-Hexanone	127.2	Nonazeotrope		552
7199	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		556
7200	C ₆ H ₁₃ Br	1-Bromohexane	156.5	Nonazeotrope		575
7201	C ₆ H ₁₄ O	Hexyl alcohol	157.8	142	~ 75	535
7202	C ₆ H ₁₁ S	Propyl sulfide	141.5	< 140.3	< 44	566
7203	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	Nonazeotrope		532
7204	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		575
7205	C ₇ H ₁₄ O	4-Heptanone	143.55	142.75	47	552
7206	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		575
7207	C ₇ H ₁₄ O ₂	Butyl propionate	146.5	Nonazeotrope		548
7208	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		575
7209	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	< 143.4		575
7210	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	141.7	40	572
7211	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	N nazeotrope		532
7212	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	141.7	47	530
7213	C ₈ H ₈	Styrene	145.7	140.2	~ 60	563
7214	C ₈ H ₁₀	Ethylbenzene	136.15	135.3	18	562
7215	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	137.45	32	527
7216	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	140.2	58	562
7217	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	137.0	~ 28	563
7218	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		532
7219	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		575
7220	C ₈ H ₁₈ O	Butyl ether	142.4	139.8	45	562
7221	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₇ClO₂	Ethyl Chloroacetate	143.55			
		<i>(continued)</i>				
7222	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		575
7223	C ₁₀ H ₁₆	α-Pinene	155.8	< 142.8	>88	575
A =	C₄H₇Cl₃O	1,1,1-Trichloro-<i>tert</i>-butyl alcohol				
7224	C ₄ H ₁₁ PO ₃	Diethyl phosphite				
		1.5 mm.		55	53.3	24
A =	C₄H₇Cl₃O	Ethyl 1,1,2-Trichloroethyl ether	173.0			
7225	C ₃ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		575
7226	C ₅ H ₈ O ₃	Methyl acetoacetate	169.5	Nonazeotrope		575
7227	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	Nonazeotrope		575
7228	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	171.3	75	556
7229	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		556
7230	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	Nonazeotrope		575
7231	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		556
7232	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		575
7233	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		575
7234	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	< 171.3	<55	575
7235	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
7236	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		575
7237	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
7238	C ₁₀ H ₁₆	α-Terpinene	173.4	172.0	58	562
A =	C₄H₇N	Butyronitrile	117.9			
7239	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	108.5	46	562
7240	C ₄ H ₁₀ O	Butyl alcohol	117.8	113.0	50	567
7241	C ₄ H ₁₀ O	Isobutyl alcohol	108	< 106.8	>10	567
		"	108	< 105	>25	563
7242	C ₃ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	109.8	50	562
7243	C ₆ H ₁₂	Cyclohexane	80.75	< 79.0	> 5	575
7244	C ₇ H ₈	Toluene	110.75	107.0	27	562
7245	C ₇ H ₁₄	Methylcyclohexane	101.15	90.5	20	562
A =	C₃H₇N	Isobutyronitrile	103.85			
7246	C ₃ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	91.0	35	562
7247	C ₃ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	< 99.5	>42	567
7248	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
7249	C ₆ H ₁₂	Cyclohexane	80.75	< 74.5	>13	562
7250	C ₇ H ₁₄	Methylcyclohexane	101.15	85.5	40	562
7251	C ₇ H ₁₆	Heptane	98.4	80.5	38	562
A =	C₄H₇N	Pyrraline	90.9			
7252	C ₆ H ₁₄ O	Propyl ether	90.1	< 88.5	<43	575
A =	C₄H₇NO	α-Hydroxy Isobutyronitrile				
7253	C ₄ H ₁₁ PO ₃	Diethyl phosphite				
		92 mm.		129.5	40.0	24
7254	C ₆ H ₁₅ PO ₃	Dipropyl phosphite				
		8 mm.		96	20.1	24
7255	C ₈ H ₁₉ PO ₃	Diisobutyl phosphite				
		6.5 mm.		100	12.7	24

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A = C₄H₈	1-Butene		— 5			
7255a	C ₄ H ₈	2-Butene	1	Nonazeotrope	v-l	149c
7256	C ₄ H ₈	2-Methylpropene	— 6	Nonazeotrope		575
7256a	C ₄ H ₁₀	Butane	0	Nonazeotrope	v-l	149c
7256b	C ₄ H ₁₀	2-Methylpropane	—10	Nonazeotrope	v-l	149c
A = C₄H₈	2-Butene		1-3			
7256c	C ₄ H ₈	2-Methylpropene	—6	Nonazeotrope	v-l	149c
7256d	C ₄ H ₁₀	Butane	0	Nonazeotrope	v-l	149c
7256e	C ₄ H ₁₀	2-Methylpropane	—10	Nonazeotrope	v-l	149c
A = C₄H₈	2-Methylpropene		—6			
7256f	C ₄ H ₁₀	2-Methylpropane 10.56 atm.		Nonazeotrope	v-l	386f
A = C₄H₈Cl₂O	Bis(2-chloroethyl) Ether		178.65			
7257	C ₄ H ₈ O ₂	Butyric acid	164.0	Nonazeotrope		575
7258	C ₄ H ₈ O ₃	Glycol monoacetate	190.9	Nonazeotrope		527
7259	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		527
7260	C ₄ H ₁₀ O ₃	Diethylene glycol	245.5	174.6	92	183
7261	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		527
7262	C ₅ H ₈ O ₃	Methyl acetoacetate	169.5	Nonazeotrope		552
7263	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		527
7264	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
7265	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		527
7266	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	176.5	60	527
7267	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	173.45	28	527
7268	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		527
7269	C ₆ H ₅ BrO	<i>o</i> -Bromophenol	195.0	Nonazeotrope		575
7270	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	176.8	< 176.5	> 14	575
7271	C ₆ H ₅ I	Iodobenzene	188.45	Nonazeotrope		527
7272	C ₆ H ₆ O	Phenol	182.2	< 176.2	> 60	562
7273	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	Nonazeotrope		527
7274	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		527
7275	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		527
7276	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	Nonazeotrope		575
7277	C ₆ H ₁₃ Br	Bromohexane	156.5	Nonazeotrope		527
7278	C ₆ H ₁₄ O	Hexyl alcohol	157.85	< 157.5	< 22	527
7279	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	170.85	25	527
7280	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		527
7281	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.45	< 177.9	> 63	527
7282	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		527
7283	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	< 167.5	< 40	575
7284	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
7285	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.15	173.5	50	527
7286	C ₇ H ₁₆ O	3-Heptanol	156.4	141.2	28	981
7287	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
7288	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		527
7289	C ₈ H ₁₈ O	2-Ethyl-1-hexanol, 50 mm.	109	96	90	982

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₂H₅Cl₂O	Bis(2-chloroethyl) Ether	178.65			
		(continued)				
7290	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	Nonazeotrope		527
7291	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	< 177.2	<62	527
7292	C ₈ H ₁₈ S	Butyl sulfide	185	178.4	88	556
7293	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
7294	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	177.0	80	575
7295	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		575
7296	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		527
7297	C ₁₀ H ₁₄	Butylbenzene	183.1	< 178.0		527
7298	C ₁₀ H ₁₄	Cymene	176.7	< 176.4	>11	575
7299	C ₁₀ H ₁₆	Dipentene	177.7	< 176.5		527
7300	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		575
7301	C ₁₀ H ₁₈ O	Cineol	176.35	173.35	43	527
7302	C ₁₀ H ₂₂ O	Amyl ether	187.5	< 176.5		527
7303	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	169.35	39	556
A =	C₂H₆Cl₂O	1,2-Dichloroethyl Ethyl Ether	145.5			
7304	C ₄ H ₁₀ O	Butyl alcohol	117.8	< 117.0	> 0.6	575
7305	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		575
7306	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		575
7307	C ₅ H ₁₀ O	Cyclopentanol	140.85	< 136.5	<50	575
7308	C ₅ H ₁₀ O ₃	Ethyl lactate	154.1	Nonazeotrope		575
7309	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	< 143.0	>38	575
7310	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		575
7311	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	129.2	30	575
7312	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	144.3	70	575
7313	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		556
7314	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		556
7315	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		575
7316	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
7317	C ₆ H ₁₃ Br	1-Bromohexane	156.5	Nonazeotrope		575
7318	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		566
7319	C ₆ H ₁₄ S	Propyl sulfide	141.5	< 141.0	>23	566
7320	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		575
7321	C ₇ H ₁₄ O	4-Heptanone	143.55	< 143.4	Nonazeotrope	575
7322	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	145.3	70	575
7323	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		575
7324	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		575
7325	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	< 143.55	>10	575
7326	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		575
7327	C ₈ H ₈	Styrene	145.8	144.0	53	575
7328	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		575
7329	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		575
7330	C ₈ H ₁₈ O	Butyl ether	142.4	138.0	72	562
7331	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
7332	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		575
A =	C₆H₃Cl₂S	Bis(2-chloroethyl) Sulfide	216.8			
7333	C ₆ H ₅ NO ₂	<i>o</i> -Nitrophenol	217.2	<215.5	>48	575

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_6H_6Cl_2S$	Bis(2-chloroethyl) Sulfide (continued)	216.8			
7334	C_7H_7ClO	<i>o</i> -Chloroanisole	195.7	Nonazeotrope		575
7335	C_7H_8O	Benzyl alcohol	205.25	195.5		575
7336	$C_8H_{10}O$	<i>p</i> -Ethylphenol	218.8	220.8	42	575
7337	$C_8H_{10}O$	2,4-Xylenol	210.5	>218.5	>75	575
7338	$C_8H_{10}O$	3,4-Xylenol	226.8	227.5	10	575
7339	$C_8H_{10}O_2$	<i>o</i> -Ethoxyphenol	216.5	<215.2	>42	575
7340	$C_9H_{12}O$	Mesitol	220.5	223.0	28	575
7341	$C_{10}H_{18}O$	β -Terpineol	210.5	Nonazeotrope		575
A =	C_4H_8O	2-Butanone	79.6			
7342	C_4H_8O	Butyraldehyde	75.2	Nonazeotrope		527
7343	C_4H_8O	Isobutyraldehyde	63.5	Nonazeotrope		527
7344	$C_4H_8O_2$	Dioxane	101.35	Nonazeotrope		552
7345	$C_4H_8O_2$	Ethyl acetate	77.1	77.0	18	527
		"	77.1		~ 26	v-l 680
		"	77.1	77.05	11.8	v-l 331,31c
7346	$C_4H_8O_2$	Isopropyl formate	68.8	Nonazeotrope		552,897
7347	$C_4H_8O_2$	Methyl propionate	79.85	79.0	60	552
7348	$C_4H_8O_2$	Propyl formate	80.85	Nonazeotrope		527
7349	C_4H_9Br	2-Bromobutane	91.2	Nonazeotrope		552
7350	C_4H_9Br	1-Bromo-2-methylpropane	91.4	Nonazeotrope		527
7351	C_4H_9Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope		527
7352	C_4H_9Cl	1-Chlorobutane	78.5	77.0	38	527
7353	C_4H_9Cl	2-Chlorobutane	68.25	Nonazeotrope		552
7354	C_4H_9Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		527,897
7355	$C_4H_9NO_2$	Butyl nitrite	78.2	76.7	30	527
7356	$C_4H_9NO_2$	Isobutyl nitrite	67.1	Nonazeotrope		527
7357	$C_4H_{10}O$	<i>n</i> -Butyl alcohol	117.8	Nonazeotrope		527
		"		"		v-l 27
7358	$C_4H_{10}O$	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		v-l 19
		" 374 mm.		Nonazeotrope		v-l 19
7359	$C_4H_{10}O$	<i>tert</i> -Butyl alcohol	82.45	78.7	69	29,527
7360	$C_4H_{10}O$	Isobutyl alcohol	108.0	Nonazeotrope		527
7361	$C_4H_{10}S$	Ethyl sulfide	92.1	<79.4		566
7362	$C_4H_{11}N$	Butylamine	77.8	74.0	35	551
7363	$C_4H_{11}N$	Diethylamine	55.9	Nonazeotrope		527
7364	C_5H_6O	2-Methylfuran	63.7	Nonazeotrope		769
		"		Nonazeotrope		v-l 897
7365	$C_5H_{10}O$	Isovaleraldehyde	92.1	Nonazeotrope		552
7366	$C_5H_{10}O_2$	Isopropyl acetate	89.5	Nonazeotrope		552
7367	$C_5H_{12}O_2$	Diethoxymethane	87.95	Nonazeotrope		552
7368	C_6H_5F	Fluorobenzene	84.9	79.3	75	552
7369	C_6H_6	Benzene	80.1	78.33	44	v-l 917,
		"	80.1	78.1	47	v-l 212,598c
		" 14.7 p.s.i.a.		78.2	45	v-l 940
		" 66.7 p.s.i.a.		133.0	67.6	v-l 940

No.	Formula	B-Component		Azeotropic Data			
		Name	B.P., °C	B.P., °C	Wt.% A	Ref.	
A =	C₄H₈O₂	2-Butanone	(continued)	79.6			
		Benzene	118.0 p.s.i.a.	160.7	90.0	v-1	940
		"	125.0 p.s.i.a.		Nonazeotrope	v-1	940
		"	44.7 p.s.i.a.	116.5	56	v-1	784c
		"	64.7 p.s.i.a.	132.6	66	v-1	784c
		"	84.7 p.s.i.a.	145.0	76	v-1	784c
		"	112.7 p.s.i.a.	160.0	90	v-1	784c
7370	C ₆ H ₆ O	Phenol,	200-760 mm.		Nonazeotrope	v-1	116
7371	C ₆ H ₈	1,3-Cyclohexadiene		80.8	~73	~40	563
7372	C ₆ H ₈ O	2,5-Dimethylfuran		93.3	Nonazeotrope		981
7373	C ₆ H ₁₀	Cyclohexene		82.75	73.0	47	552
7374	C ₆ H ₁₂	Cyclohexane		80.75	71.8	40	527
		"			71.8	44	v-1 597c
		"	14.7 p.s.i.a.		71.0	52.5	940
		"	66.7 p.s.i.a.		128.7	61.0	940
		"	118.0 p.s.i.a.		156.4	64.0	940
		"	125.0 p.s.i.a.		182.5	69.0	940
		"		80.85	71.6	45.5	503
		"		80.85	71.5	44	211
		"		80.85		42	735
7374a	C ₆ H ₁₂	1-Hexene	710 mm.		60	17.6	v-1 362c
7375	C ₆ H ₁₄	2,3-Dimethylbutane		58		15.1	735
		"		58.0	56.0	15	527
7376	C ₆ H ₁₄	Hexane	661 mm.		60	31	v-1 362c
		"		68.8	64.3	29.5	527
		"			64.2	28.6	v-1 331
		"		68.95		29.6	735
		"		69	64	29.4	623c
7377	C ₆ H ₁₄ O	Propyl ether		90.1	Nonazeotrope		552
7378	C ₆ H ₁₄ O ₂	Acetal		104.5	Nonazeotrope		563
7379	C ₆ H ₁₅ N	Dipropylamine		109.2	Nonazeotrope		527
7380	C ₆ H ₁₅ N	Triethylamine		89.35	<79.0	>75	551
7381	C ₇ F ₁₆	Perfluoroheptane		81.6	62-63		257
7382	C ₇ H ₈	Toluene		110.75	Nonazeotrope	v-1	917
7383	C ₇ H ₁₄	Methylcyclohexane		101.15	77.7	80	527
		"		101.15		80	735
7384	C ₇ H ₁₆	Heptane		98.4		73	735
		"		98.5	77	70	v-1 27
		"	293 mm.		50	70	v-1 27
		"		98.4	77	73	v-1 917
7385	C ₈ H ₁₈	2,5-Dimethylhexane		109.4	109.0	95	576,735
A =	C₄H₈O	1-Butene-3-ol		74.8			
7386	C ₄ H ₁₀ O ₂	2,3-Butanediol			Nonazeotrope	v-1	731
A =	C₄H₈O	Butyraldehyde		74.8			
7387	C ₄ H ₈ O	Isobutyraldehyde		64	Nonazeotrope		266
		"		64	Nonazeotrope	v-1	864
7388	C ₄ H ₈ O ₂	Butyric acid		163.3	Nonazeotrope		981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₈O	Butyraldehyde (<i>continued</i>)	74.8			
7389	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		575
7390	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		575
7391	C ₄ H ₁₀ O	Butyl alcohol	117.7	Nonazeotrope	v-l	863
7392	C ₄ H ₁₀ O	Isobutyl alcohol	107.8	Nonazeotrope	v-l	863
		" "	107.9	Nonazeotrope		981
7393	C ₄ H ₁₀ O ₂	1,1-Dimethoxyethane	64.5	Nonazeotrope		981
7394	C ₆ H ₆	Benzene	80.1	Nonazeotrope		340
7395	C ₆ H ₁₀ O	Mesityl oxide	128.3	Nonazeotrope		981
7396	C ₆ H ₁₄	Hexane	68.7	60	26	981
7397	C ₆ H ₁₄ O ₂	1,1-Dimethoxybutane	114	Nonazeotrope		981
7398	C ₇ H ₈	Toluene	110.6	Nonazeotrope	v-l	863
7399	C ₇ H ₁₆	Paraffins	75-80	~ 61		340
A =	C₄H₈O	Isobutyraldehyde	63.5			
7400	C ₄ H ₉ Cl	2-Chloro-2-methylpropane	50.8	Nonazeotrope		575
7401	C ₄ H ₁₀ O	Butyl alcohol	117.7	Nonazeotrope	v-l	863
7402	C ₄ H ₁₀ O	Isobutyl alcohol	107.8	Nonazeotrope	v-l	665,863
7403	C ₆ H ₆	Benzene	81	Nonazeotrope?		340
7404	C ₇ H ₈	Toluene	110.6	Nonazeotrope	v-l	863
7405	C ₇ H ₁₆	Paraffins	75-80	~ 50		340
A =	C₄H₈O	2-Methyl-2-propen-1-ol	113.8			
7406	C ₈ H ₁₄ O	2-Methylallyl ether	134.6	114.1	81.3	899
A =	C₄H₈O	Tetrahydrofuran	65			
7406a	C ₅ H ₁₀ O ₂	Tetrahydrofurfuryl alcohol		Nonazeotrope	v-l	879c
7407	C ₆ H ₁₄	Hexane	68.9	63	53.5	233
		"	68.7	63.0	46.5	224
A =	C₄H₈OS	Ethyl Thioacetate	116.6			
7408	C ₄ H ₁₀ O	Butyl alcohol	117.8	113.5		575
7409	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		575
7410	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	< 107.2		575
7411	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		575
7412	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		575
7413	C ₅ H ₁₂ O	3-Pentanol	116.0	< 114.0		575
7414	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		575
7415	C ₈ H ₁₆ O	Isobutyl ether	122.3	Nonazeotrope		575
A =	C₄H₈O₂	Butyric Acid	164.0			
7416	C ₄ H ₉ I	Iodobutane	130.4	129.8	2.5	562
7417	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	Nonazeotrope		527
7418	C ₄ H ₁₀ O	Ethyl ether	34.6	Nonazeotrope		563
7419	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	159.4	42.5	574
7420	C ₅ H ₇ N	Pyridine	115.5	163.2	92	1068
7421	C ₅ H ₈ O ₃	Ethyl pyruvate	155.5	Nonazeotrope		552
7422	C ₇ H ₇ ClO ₂	Propyl chloroacetate	162.5	160.5	40	562
7423	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		526
7424	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		527
7425	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.6	144.4	13	527

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₄H₈O₂	Butyric Acid	(continued)	164.0		
7426	C ₈ H ₁₁ NO ₃	Isoamyl nitrate	149.75	147.85	12	570
7427	C ₅ H ₁₂	2-Methylbutane	27.95			563
7428	C ₆ H ₄ BrCl	<i>p</i> -Bromochlorobenzene	196.4			527
7429	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	163.0	65	527
7430	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	162.0	57	527
7431	C ₆ H ₅ Br	Bromobenzene	156	147-148	19	563,834
7432	C ₆ H ₅ Cl	Chlorobenzene	132.0	131.75	2.8	527
7433	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	175.5			563
7434	C ₆ H ₅ I	Iodobenzene	188.55	161.6		538
7435	C ₆ H ₆ O	Phenol	181.5			527
7436	C ₆ H ₁₀	Cyclohexene	82.75			678
7437	C ₆ H ₁₀ O	Cyclohexanone	156.7	164.5		563
7438	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4			527
7439	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5			527
7440	C ₆ H ₁₀ S	Allyl sulfide	139.35			566
7441	C ₆ H ₁₁ BrO ₂	Ethyl α -bromoisobutyrate	178	161.5		575
7442	C ₆ H ₁₂	Cyclohexane	80.75			678
7443	C ₆ H ₁₂ O ₂	Isoamyl formate	123.3			575
7444	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	164.3?	18	526
7445	C ₆ H ₁₃ Br	1-Bromohexane	156.5	151.5	25	527
7446	C ₆ H ₁₃ NO	<i>N,N</i> -Dimethylbutyr- amide, 100 mm.	124.5	130	32.6	832
7447	C ₆ H ₁₄ S	Propyl sulfide	141.5			566
7448	C ₇ H ₆ Cl ₂	α,α -Dichlorotoluene	205.2			542
7449	C ₇ H ₆ O	Benzaldehyde	179.2			542
7450	C ₇ H ₇ Br	α -Bromotoluene	198.5			575
7451	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	163.62	79.5	527
7452	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	163	72	527
7453	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	161.5	75	541
7454	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	160.8	65	542
		"	179.35	161.5	93	563
7455	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	154.5	27	527
7456	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	156.8	32	527
7457	C ₇ H ₈	Toluene	110.7			527
7458	C ₇ H ₈ O	Anisole	153.85	152.85	12	527
7459	C ₇ H ₁₄	Methylcyclohexane	101.8			527,678
7460	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2			527
7641	C ₇ H ₁₄ O ₃	Methyl-1,3-butanediol acetate	171.75	172.0?	5?	575
7462	C ₇ H ₁₆	<i>n</i> -Heptane	98.4			527
7463	C ₈ H ₈	Styrene	145.8	143.5	15	575
7464	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylben- zene, 10 mm.	67.5	63.3	34	51
7465	C ₈ H ₁₀	Ethylbenzene	136.15	135.8	4	575
7466	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	138.5	6	527
7467	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	143.0	10	527
7468	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	137.8	5.5	527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₈H₈O₂	Butyric Acid (<i>continued</i>)	164.0			
7469	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	160.0	55	562
7470	C ₈ H ₁₀ O	Phenetole	170.5	162.35	65	556
7471	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		527
7472	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
7473	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		527
7474	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		527
7475	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		527
7476	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	Nonazeotrope		527
7477	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		575
7478	C ₈ H ₁₈	Octane	125.75	< 124.5	< 15	562
7479	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		527
7480	C ₈ H ₁₈ O	Butyl ether	141.0	Nonazeotrope		543
7481	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		566
7482	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	< 162.5	< 78	566
7483	C ₉ H ₈	Indene	182.6	163.65	84	527
7484	C ₉ H ₁₂	Cumene	152.8	149.5	20	527
7485	C ₉ H ₁₂	Mesitylene	164.6	158.0	38	527
7486	C ₉ H ₁₂	Propylbenzene	158.9	154.5	28	527
7487	C ₉ H ₁₂	Pseudocumene	169	159.5	45	527
7488	C ₉ H ₁₆ O	Benzyl ethyl ether	185.0	Nonazeotrope		527
7489	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		575
7490	C ₉ H ₁₆ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		527
7491	C ₉ H ₁₆ O ₂	Isoamyl butyrate	178.5	Nonazeotrope		527
7492	C ₉ H ₁₆ O ₂	Isoamyl isobutyrate	170.0	Nonazeotrope		545
7493	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	172.2	Nonazeotrope		527
7494	C ₁₀ H ₈	Naphthalene	218.1	Nonazeotrope		527
7495	C ₁₀ H ₁₄	Butylbenzene	183.1	162.5	75	562
7496	C ₁₀ H ₁₄	Cymene	176.7	161.0	60	527
7497	C ₁₀ H ₁₆	Camphene	159.6	152.3	2.8	527
7498	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	160.75	55	563
7499	C ₁₀ H ₁₆	Nopinene	164	156	38	527
7500	C ₁₀ H ₁₆	α -Phellandrene	~ 171.5	160	~ 47	563
7501	C ₁₀ H ₁₆	α -Pinene	155.8	150.2	28	527
7502	C ₁₀ H ₁₆	α -Terpinene	173.4	160.65	46	575
7503	C ₁₀ H ₁₆	γ -Terpinene	183	161.5	70	563
7504	C ₁₀ H ₁₆	Terpinolene	184.6	162.5	72	575
7505	C ₁₀ H ₁₆	Terpinylene	~ 175	160.5	40	563
7506	C ₁₀ H ₁₆	Thymene	179.7	160.5	68	541
7507	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	Nonazeotrope		575
7508	C ₁₀ H ₁₈ O	Cineol	176.35	Nonazeotrope		527
7509	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	152.5	33	527
7510	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		527
7511	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	161.8	54	556
7512	C ₁₁ H ₂₄	Undecane	194.5	162.4	84.5	1068
7513	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		527
A =	C₄H₈O₂	Dioxane	101.35			
7514	C ₄ H ₈ O ₂	Ethyl acetate		Nonazeotrope	v-1	249

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₈O₂	Dioxane (continued)	101.35			
		“ 200–700 mm.				v-1 249c
		“ 20°C.				v-1 916
		“ 30°C.				v-1 916
7515	C ₄ H ₈ O ₂	Isobutyric acid	154.6	Nonazeotrope		527
7516	C ₄ H ₉ Br	1-Bromobutane	101.5	98.0	47	527
7517	C ₄ H ₉ Br	1-Bromo-2methylpropane	91.4	Nonazeotrope		527
7518	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.8	Nonazeotrope		215
7519	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		527
		“	117.75	Nonazeotrope		v-1 639
7520	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	< 98.8	< 60	527
7521	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	Nonazeotrope		527
7522	C ₄ H ₁₀ O	Isobutyl alcohol	108	101.3		612
		“	108.0	Nonazeotrope		527,1038
7523	C ₄ H ₁₁ N	Diethylamine		Nonazeotrope		v-1 249
		200–700 mm.				v-1 249c
7524	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		527
7525	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		575
7526	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		527
7527	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		557
7528	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	< 100.9		557
7529	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	< 100.8		557
7530	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		557
7531	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	97.5	36	527
7532	C ₅ H ₁₁ N	Piperidine	106.4	Nonazeotrope		575
7533	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		527
7534	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	100.65	80	575
7535	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		527
7536	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		575
7537	C ₆ H ₆	Benzene	80.15	Nonazeotrope		527
		“	80.2	82.4	12	201
		“ 25°C.		Nonazeotrope		v-1 957
		“ 200-760 mm.		Nonazeotrope		v-1 348
7538	C ₆ H ₁₀	Cyclohexene	82.75	< 81.8	> 20	558
7539	C ₆ H ₁₀ O	Cyclohexanone	156.7	Nonazeotrope		201
7540	C ₆ H ₁₂	Cyclohexane	80.75	79.5	24.6	201
7541	C ₆ H ₁₂	1-Hexene	63.5	Nonazeotrope		v-1 933
7542	C ₆ H ₁₂	Methylcyclopentane	72.0	< 71.5	> 5	527
7543	C ₆ H ₁₂ O	Cyclohexanol	160.65	Nonazeotrope		201
7544	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		575
7545	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		557
7546	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		527
7547	C ₆ H ₁₄	Hexane	68.74	Nonazeotrope		v-1 933
7548	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		981
7549	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	100.7	92	557
7550	C ₇ H ₈	Toluene	110.75	Nonazeotrope		527,1038
		“	110.7	101.8	80	201,241
		“ 200-760 mm.		Nonazeotrope		v-1 348

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₈O₂	Dioxane (continued)	101.35			
7551	C ₇ H ₁₄	Methylcyclohexane	101.15	93.7	>45	527
7552	C ₇ H ₁₆	Heptane	98.4	91.85	44	527
7553	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	97.0	65	527
7554	C ₈ H ₁₈	<i>n</i> -Octane	125.75	< 100.5		527
7555	C _n H _{2n+2}	Paraffins	109.5-110.5	96.6-98.9		241
A =	C₄H₈O₂	<i>m</i>-Dioxane	105			
7556	C ₇ H ₈	Toluene	110.7		85	528
A =	C₄H₈O₂	Ethyl Acetate	77.1			
7557	C ₄ H ₈ O ₂	Isopropyl formate	68.8	Nonazeotrope		575
7558	C ₄ H ₈ O ₂	Methyl propionate	79.85	Nonazeotrope		532
7559	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		575
7560	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	Nonazeotrope		547
7561	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.5	71.5	30	563
7562	C ₄ H ₉ Cl	1-Chlorobutane	78.05	76.0	<35	547
7563	C ₄ H ₉ Cl	2-Chlorobutane	68.25	Nonazeotrope		575
7564	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.9	Nonazeotrope		563
7565	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	76.3	71	527
7566	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		550
7567	C ₄ H ₁₀ O	Butyl alcohol	117.7	Nonazeotrope		589
		"	725 mm.	Nonazeotrope		v-1 607
7568	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		575
7569	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	76.0	73	570
7570	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	Nonazeotrope		575
		"	108.0	B.p. curve		563
		"	100-760 mm.			v-1 924
7571	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.1	Nonazeotrope		v-1 657
7572	C ₄ H ₁₀ S	Ethyl sulfide	92.2	Nonazeotrope		532
7573	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		v-1 249
		"	200-700 mm.			v-1 249c
7574	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		1030
7574a	C ₆ H ₁₀ O	2-Methyl-3-buten-2-ol	97	Nonazeotrope		581c
7575	C ₅ H ₁₀ O	Isovaleraldehyde	92.3	Nonazeotrope		548
7576	C ₅ H ₁₀ O ₂	Ethyl propionate	99.12	Nonazeotrope (b.p. curve)		1045
7577	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		527
7578	C ₆ H ₆ Cl	Chlorobenzene	131.8	Nonazeotrope		563
7579	C ₆ H ₅ F	Fluorobenzene	84.9	Nonazeotrope		575
7580	C ₆ H ₆	Benzene	80.2	Nonazeotrope		834,943
		"	80.1	Nonazeotrope		v-1 146,137 147
7581	C ₆ H ₈	1,3-Cyclohexadiene	80.8	73.5		563
7582	C ₆ H ₁₀	Cyclohexene	82.75	75.5	<85	563
7582a	C ₆ H ₁₀ O ₃	Ethyl acetoacetate		Nonazeotrope		v-1 491e
		"	100 mm.			
7583	C ₆ H ₁₂	Cyclohexane	80.75	72.8	54	563
		"	80.75	71.6	56	v-1 146,147

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₆H₈O₂	Ethyl Acetate (continued)	77.1			
		Cyclohexane	233 mm.	38.7	50.1	924
		"	301 mm.	45.1	51	924
		"	415 mm.	53.6	52.3	924
		"	581 mm.	63.0	54.1	924
		"	756 mm.	71.1	55.3	924
7584	C ₆ H ₁₂	Methylcyclopentane	72.0	67.2	38	575
7585	C ₆ H ₁₂ O ₂	Butyl acetate	126.1	Nonazeotrope		981
7586	C ₆ H ₁₂ O ₂	Ethyl butyrate	119.9	Nonazeotrope		563
7587	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	< 57.2	10	575
7588	C ₆ H ₁₄	<i>n</i> -Hexane	68.8	65.1		571
		"	68.7	65.15	37.9 v-l	331
7589	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		557
7590	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.1	Nonazeotrope		981
7591	C ₇ H ₈	Toluene	110.6	Nonazeotrope v-l		43
		"	110.7	Nonazeotrope		589
7592	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		537
7594	C ₇ H ₁₆	Heptane	98.4	< 76.9	< 94	575
		"	98.45	Nonazeotrope		537
7594	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	Nonazeotrope v-l		43
A =	C₄H₈O₂	Isobutyric Acid	154.6			
7595	C ₄ H ₉ I	Iodobutane	130.4	128.8	7	562
7596	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5		v-l	644
7597	C ₄ H ₁₀ O	Ethyl ether	34.6	Vapor pressure data		563
7598	C ₅ H ₈ O ₂	2-Furaldehyde	161.45	153.8		575
7599	C ₅ H ₈ O	Cyclopentanone	130.65	Nonazeotrope		575
7600	C ₅ H ₈ O ₃	Ethyl pyruvate	155.5	153.0	60	552
7601	C ₅ H ₈ O ₃	Methyl acetoacetate	169.5	Nonazeotrope		552
7602	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		575
		"	144.6	159.5	62	526
7603	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	120.2	3	575
7604	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	143.8	22	541
7605	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	146.25	30	570
7606	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.5	153.0	~ 75	538
7607	C ₆ H ₅ Br	Bromobenzene	156.15	148.6	35	563
7608	C ₆ H ₅ Cl	Chlorobenzene	132.0	131.2	8	541
7609	C ₆ H ₅ I	Iodobenzene	188.55	154.2		542
7610	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		575
7611	C ₆ H ₁₀ O	Cyclohexanone	155.7	152.5		575
7612	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	159.2	38	575
7613	C ₆ H ₁₂ O ₃	Paraldehyde	123.2	Nonazeotrope		541
7614	C ₆ H ₁₃ Br	1-Bromohexane	156.5	148.0	35	562
7615	C ₆ H ₁₃ ClO ₂	Chloroacetal	156.8	~ 153		563
7616	C ₇ H ₆ Cl ₂	α,α -Dichlorotoluene	205.2	Nonazeotrope		575
7617	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		563
7618	C ₇ H ₇ Br	α -Bromotoluene	198.5	Nonazeotrope		575
7619	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	153.9	85	541

No.	B-Component		B.P., °C	Azeotropic Data		Ref.
	Formula	Name		B.P., °C	Wt.% A	
A =	C₈H₈O₂	Isobutyric Acid (continued)	154.6			
7620	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.3	153.5	80	541
7621	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	< 150.0	42	538
7622	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	151.5	47	538
7623	C ₇ H ₈	Toluene	110.75	Nonazeotrope		542
7624	C ₇ H ₈ O	Anisole	153.85	149	42	556
7625	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		552
7626	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		552
7627	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		575
7628	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		575
7629	C ₇ H ₁₄ O ₂	Methyl-,1,3-butanediol acetate	171.75	Nonazeotrope		575
7630	C ₈ H ₈	Styrene	145.8	142.0	27	562
7631	C ₈ H ₁₀	Ethylbenzene	136.15	134.3	12	541
		"	136.15	133.0	8.8	227
		" 30 mm.		48.0	0.8	227
7632	C ₈ H ₁₀	Mixed xylenes		133.0	10.0	227
		" 56 mm.		62	1.0	227
7633	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	136.9	15	527
7634	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	141.0	22	562
7635	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	136.4	13	541
7636	C ₈ H ₁₀ O	Benzyl methyl ether	170.5	Nonazeotrope		563
7637	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		575
7638	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		542
7639	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	< 120.2	< 10	575
7640	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		575
7641	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		575
7642	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		575
7643	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		575
7644	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		575
7645	C ₈ H ₁₈	Octane	125.75	< 124.0	< 18	575
7646	C ₈ H ₁₈ O	Butyl ether	142.4	< 140.5	< 22	562
7647	C ₈ H ₁₈ O	Isobutyl ether	122	Nonazeotrope		556
7648	C ₉ H ₈	Indene	182.4	Nonazeotrope		543
7649	C ₉ H ₁₂	Cumene	152.8	146.8	35	562
7650	C ₉ H ₁₂	Mesitylene	164.6	151.8	~ 57	541
		"	164.0	148.5	~ 48	563
7651	C ₉ H ₁₂	Propylbenzene	158.9	149.3	49	541
7652	C ₉ H ₁₂	Pseudocumene	168.2	152.3	63	541
7653	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		575
7654	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
7655	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
7656	C ₁₀ H ₁₄	Cymene	176.7	153.4	80	562
7657	C ₁₀ H ₁₆	Camphene	159.6	148.1	45	541
7658	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	152.5	78	542
7659	C ₁₀ H ₁₆	Nopinene	163.8	149.2	52	562

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₈O₂	Isobutyric Acid (<i>continued</i>)	154.6			
7660	C ₁₀ H ₁₆	α -Pinene	155.8	146.7	35	563
7661	C ₁₀ H ₁₆	α -Phellandrene	171.5	150	~ 72	563
7662	C ₁₀ H ₁₆	α -Terpinene	173.4	152.0	70	562
7663	C ₁₀ H ₁₆	Thymene	179.7	~ 154.0		541
7664	C ₁₀ H ₁₈	Cineol	176.35	Nonazeotrope		575
7665	C ₁₀ H ₂₂	Decane	173.3	< 151.2	< 72	562
7666	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	148.55	48	542
7667	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	154.2	93	575
A =	C₄H₈O₂	Isopropyl Formate	68.8			
7668	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	65	48	547
7669	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	65.5	40	549
7670	C ₅ H ₁₀	Cyclopentane	49.4	< 47.0	18	562
7671	C ₆ H ₆	Benzene	68.8	Nonazeotrope		575
7672	C ₆ H ₁₂	Methylcyclopentane	72.0	< 61.5	55	562
7673	C ₆ H ₁₄	Hexane	68.8	57.0	48	562
A =	C₄H₈O₂	Methyl Propionate	79.85			
7674	C ₄ H ₈ O ₂	Propyl formate	80.85	Nonazeotrope		531
7675	C ₄ H ₉ Br	2-Bromobutane	91.2	Nonazeotrope		575
7676	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	Nonazeotrope		547
7677	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.25	Nonazeotrope		547
7678	C ₄ H ₉ Cl	1-Chlorobutane	78.05	76.8	~ 38	538
7679	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.9	Nonazeotrope		563
7680	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	77.7	12	549
7681	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		527
7682	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		575
7683	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	77.6	~ 63	536
7684	C ₄ H ₁₀ S	Ethyl sulfide	92.2	Nonazeotrope		532
7685	C ₅ H ₁₀ O	Isovaleraldehyde	92.3	Nonazeotrope		548
7686	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		557
7687	C ₆ H ₆	Benzene	80.2	79.45	52	572
7688	C ₆ H ₁₀	Cyclohexene	82.75	~ 75.5		563
7689	C ₆ H ₁₂	Cyclohexane	80.75	75	52	573
7690	C ₆ H ₁₂	Methylcyclopentane	72.0	69.5	28	562
7691	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	67	~ 12	573
7692	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		557
7693	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		546
		"	101.1	79.3	88.5	1038
7694	C ₇ H ₁₆	Heptane	98.4	< 79.6	< 92	575
		"	98.5	Nonazeotrope		546
A =	C₄H₈O₂	Propyl Formate	80.85			
7695	C ₄ H ₉ Br	2-Bromobutane	91.2	Nonazeotrope		575
7696	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	Nonazeotrope		547
7697	C ₄ H ₉ Br	2-Bromo-2-methylpropane	73.3	71.8	28	573
7698	C ₄ H ₉ Cl	1-Chlorobutane	78.5	76.1	38	570
7699	C ₄ H ₉ Cl	2-Chlorobutane	68.25	Nonazeotrope		575
7700	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	Nonazeotrope		570
7701	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	76.8	35	549
7702	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₈O₂	Propyl Formate (<i>continued</i>)	80.85			
7703	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		575
7704	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.6	78.0	60	537
7705	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	Nonazeotrope		536
7706	C ₄ H ₁₀ S	Ethyl sulfide	92.1	<80.2	<87	575
		"	92.2	Nonazeotrope		532
7707	C ₄ H ₁₀ S	Butanethiol	97.5	Nonazeotrope		566
7708	C ₅ H ₁₀	Cyclopentane	49.3	Nonazeotrope		575
7709	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	Nonazeotrope		547
7710	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		527
7711	C ₆ H ₅ F	Fluorobenzene	84.9	<79.5	<78	575
7712	C ₆ H ₆	Benzene	80.2	78.5	47	572
7713	C ₆ H ₁₀	Cyclohexene	82.75	<75.0	<53	575
7714	C ₆ H ₁₂	Cyclohexane	80.75	75	48	573
7715	C ₆ H ₁₂	Methylcyclopentane	72.0	<67.5	<35	575
7716	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	56.0	15	562
7717	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	63	~20	571
		"	68.95	63.6	29.5	946
7718	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		557
7719	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		557
7720	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
7721	C ₇ H ₁₄	Methylcyclohexane	101.15	< 80.2	<88	575
7722	C ₇ H ₁₆	Heptane	98.5	78.2	71	527
7723	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		575
A =	C₄H₈O₃	Glycol Monoacetate	190.9			
7724	C ₅ H ₈ O ₂	2-Furaldehyde	161.45	Nonazeotrope		527
7725	C ₅ H ₁₂ O ₃	2-(2-Methoxyethoxy) ethanol	192.95	<188.0	>65	575
7726	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	<179.3		575
7727	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	Nonazeotrope		527
7728	C ₆ H ₅ I	Iodobenzene	188.45	184.0		567
7729	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		527
7730	C ₆ H ₆ O	Phenol	182.2	197.5	65	527
7731	C ₆ H ₈ O ₄	Methyl fumarate	193.25	<189.0	<65	527
7732	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		527
7733	C ₆ H ₁₁ NO ₂	Nitrocyclohexane	205.4	Nonazeotrope		575
7734	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		527
7735	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	182.0	32	567
7736	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		575
7737	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		527
7738	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	206.5	31	527
7739	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	199.45	51	569
7740	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	206.0	33	527
7741	C ₇ H ₈ O ₂	Guaiacol	205.05	Nonazeotrope		527
7742	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	195	189.3	50	575
7743	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetal	171.75	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₈O₃	Glycol Monoacetate	190.9			
		<i>(continued)</i>				
7744	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		575
7745	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		527
7746	C ₉ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		527
7647	C ₈ H ₈ O ₂	Phenyl acetate	195.7	<190.0		575
7748	C ₉ H ₁₀ O	Benzyl methyl ether	167.8	<167.0		575
7749	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		527
7750	C ₉ H ₁₀ O	2,4-Xylenol	~210.5	<212.0	<18	575
7751	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		527
7752	C ₈ H ₁₈ O	Octyl alcohol	195.2	189.5	71	527
7753	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	<180.3		527
7754	C ₉ H ₈	Indene	182.6	180.0	20	575
7755	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		527
7756	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	180.5	35	575
7757	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		552
7758	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	180.2	21	527
7759	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		575
7760	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		527
7761	C ₁₀ H ₁₄	Butylbenzene	183.1	<181.5		527
7762	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		575
7763	C ₁₀ H ₁₈ O	Cineol	176.35	174.1	22	527
7764	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		527
7765	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		527
7766	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	187.0	57	527
7767	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		527
7768	C ₁₀ H ₂₂ O	Amyl ether	187.5	180.8	42	556
7769	C ₁₀ H ₂₀ O	Isoamyl ether	173.2	170.2	28	556
7770	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	185.0	60	575
7771	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
A =	C₄H₈O₃	Methyl Lactate	143.8			
7772	C ₄ H ₉ I	1-Iodobutane	130.4	<128.5	>20	567
7773	C ₄ H ₉ I	1-Iodo-2-methylpropane	120.8	<120.0	>6	575
7774	C ₄ H ₁₀ O	Butyl alcohol	117.8	Nonazeotrope		575
7775	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		575
7776	C ₅ H ₈ O	Cyclopentanone	130.65	Nonazeotrope		552
7777	C ₅ H ₁₀ O	Cyclopentanol	140.85	<140.2	<81	575
7778	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	143.2	55	575
7779	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	139.0	52	567
7780	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	141.4	168	527
7781	C ₅ H ₁₂ O	Amyl alcohol	138.2	<138.0		575
7782	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
7783	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		575
7784	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		526
7785	C ₆ H ₅ Br	Bromobenzene	156.1	141.5	22	567
		"	156.1	Nonazeotrope		535
7786	C ₆ H ₅ Cl	Chlorobenzene	131.75	<130.8		575
7787	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₈O₃	Methyl Lactate (<i>continued</i>)	143.8			
7788	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		552
7789	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		552
7790	C ₆ H ₁₂ O	Cyclohexanol	160.65	Nonazeotrope		563
7791	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		526
7792	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		575
7793	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		575
7794	C ₆ H ₁₄ S	Propyl sulfide	141.5	<138.0	<40	566
7795	C ₇ H ₈	Toluene	110.75	~ 110.4	~ 18	573
7796	C ₇ H ₈ O	Anisole	153.85	142.8	82	556
7797	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
7798	C ₇ H ₁₄ O	4-Heptanone	143.55	142.7	47	552
7799	C ₇ H ₁₄ O ₂	Butyl propionate	146.5	~ 141.3	>55	548
7800	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	135.8	40	575
7801	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		532
7802	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	140.0	58	527
7803	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	~ 138.5	44	529
7804	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	141.7	70	575
7805	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	137.5	46	572
7806	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.7	Nonazeotrope		532
7807	C ₈ H ₈	Styrene	145.8	~ 134.5	~ 50	548
		26 mm.			~ 33 vol. %	342
7808	C ₈ H ₁₀	Ethylbenzene	136.15	129.4	35	573
		26 mm.			~ 26 vol. %	342
7809	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	131.2	42.5	527
7810	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	130.8	40	573
7811	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		575
7812	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		575
7813	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		575
7814	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	141.5	70	527
7815	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		548
7816	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	<108.5	<17	575
7817	C ₈ H ₁₈	Octane	125.8	120.3	30	567
7818	C ₈ H ₁₈ O	Butyl ether	142.4	137.0	42	575
7819	C ₉ H ₁₂	Cumene	152.8	137.8	62	567
7820	C ₉ H ₁₂	Mesitylene	164.6	142.0	>85	548
7821	C ₉ H ₁₂	Propylbenzene	158.9	140	~ 88	538
7822	C ₉ H ₁₂	Pseudocumene	168.2	~ 143.0	<90	575
7823	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
7824	C ₁₀ H ₁₆	Camphene	159.6	140	85	573
7825	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		535
7826	C ₁₀ H ₁₆	Nopinene	163.8	138.5	70	567
7827	C ₁₀ H ₁₆	α -Pinene	155.8	<144.2	>90	563
7828	C ₁₀ H ₁₆	α -Terpinene	173.4	<142.5	<88	575
7829	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	137.8	68	567
A =	C₃H₈O₃	Propylene Glycol Monoformate				
7830	C _n H _m	Hydrocarbons		min. b.pt.		618

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₈S	Tetrahydrothiophene	118.8			
7831	C ₅ H ₅ N	Pyridine	115.4	113.5	45	553
7832	C ₅ H ₇ N	1-Methylpyrrol	112.8	111.5	18	575
7833	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		575
7834	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		566
7835	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		566
7836	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		566
7837	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		575
7838	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		575
7839	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		575
7840	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		575
7841	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	<117.5	>60	575
		"	119.25	118.40		205
7842	C ₇ H ₈	Toluene	110.75	Nonazeotrope		205,566
7843	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		566
7844	C ₈ H ₁₆	<i>trans</i> -1,3-Dimethyl- cyclohexane	120.30	115.90	43.1	205
7845	C ₈ H ₁₆	Ethylcyclohexane	131.85	120.46	80.7	205
7846	C ₈ H ₁₈	2,5-Dimethylhexane	109.15	107.95	16.8	205
		"	109.4	<109.1	>6	575
7847	C ₈ H ₁₈	2-Methylheptane	117.70	113.96	38.2	205
7849	C ₈ H ₁₈	Octane	125.70	117.79	60.3	205
A =	C₄H₉Br	1-Bromobutane	101.5			
7849	C ₄ H ₉ Cl	1-Chlorobutane	77.9	Nonazeotrope		
				Vapor pressure data		899
7850	C ₄ H ₁₀ O	Butyl alcohol	117.8	98.6	87	527
7851	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	93.0	70	567
7852	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	<81.8	<37	575
7853	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	95	79	573
7854	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		566
7855	C ₅ H ₁₀ O	2-Pentanone	102.35	100.1	63	552
7856	C ₅ H ₁₀ O	3-Pentanone	102.05	100.0	63	552
7857	C ₅ H ₁₀ O ₂	Butyl formate	106.7	100.0	75	547
7858	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	<98.8		575
7859	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	95.5	>35	547
7860	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		575
7861	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	99.5	65	547
7862	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		547
7863	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	99.9	52	526
		"	101.6	100.0	55	547
7864	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		550
7865	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	<97.8	<74	575
7866	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
7867	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.9	99.7	86	567
7868	C ₅ H ₁₂ O	3-Pentanol	116.0	<100.7	>86	575
7869	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
7870	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		566
7871	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		527

No.	B-Component			Azeotropic Data			Ref.
	Formula	Name	B.P., °C	B.P., °C	Wt.% A		
A =	C₄H₉Br	1-Bromobutane	(continued)	101.5			
7872	C ₈ H ₁₂ O	Pinacolone	106.2	101.1	86		552
		"	106.2	Nonazeotrope			548
7873	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope			547
7874	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope			559
7875	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope			566
7876	C ₇ H ₈	Toluene	110.75	Nonazeotrope			575
7876a	C ₇ H ₁₄	1-Heptene	200 mm.	52.1		v-1	498f
		"	400 mm.	73.6	20.0	v-1	498f
		"	600 mm.	86.2	17.6	v-1	498f
		"	760 mm.	93.6	16.4	v-1	498f
7877	C ₇ H ₁₄	Methylcyclohexane	101.15	< 99.5	55		562
7878	C ₇ H ₁₆	Heptane	98.45	96.7	50		538
		"	50°C.	Vapor pressure data		42.5	899
A =	C₄H₉Br	2-Bromobutane		91.2			
7879	C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	Nonazeotrope			549
7880	C ₄ H ₁₀ O	Butyl alcohol	117.8	90.6	94		575
7881	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	87.2	81.9		405
7882	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	88.6	86		567
7883	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope			552
7884	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	90.5	70		562
7885	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope			550
7886	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope			575
7887	C ₇ H ₁₆	Heptane	98.4	< 91.0	> 80		575
A =	C₄H₉Br	1-Bromo-2-methylpropane		91.4			
7888	C ₄ H ₉ ClO	Chloroethyl ethyl ether	98.5	Nonazeotrope			575
7889	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope			550
7890	C ₄ H ₁₀ O	Butyl alcohol	117.75	90.2	93		535
7891	C ₄ H ₁₀ O	sec-Butyl alcohol	99.5	87.0	80.5		567
7892	C ₄ H ₁₀ O	tert-Butyl alcohol	82.45	79.0	58		575
7893	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	89.2	< 84		527
			108	Nonazeotrope			
				B.p. curve			389
7894	C ₄ H ₁₀ S	Ethyl sulfide	92.1	< 90.2	< 54		566
7895	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	90.8	82		552
7896	C ₅ H ₁₀ O	2-Pentanone	102.35	Nonazeotrope			552
7897	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope			552
7898	C ₅ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope			575
7899	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	Nonazeotrope			547
7900	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	90.0	~ 70		538
7901	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	89.0	55		538
7902	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope			575
7903	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	90	61		573
7904	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope			547
7905	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope			550
7906	C ₅ H ₁₂ O	tert-Amyl alcohol	102.0	87.5	82		532
7907	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	Nonazeotrope			527

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₄H₉Br	1-Bromo-2-methylpropane	91.4			
		<i>(continued)</i>				
7808	C ₅ H ₁₂ O	3-Methyl-2-butanol	112.6	Nonazeotrope		575
7909	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		575
7910	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		575
7911	C ₆ H ₆	Benzene	80.2	Nonazeotrope		563
7912	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
7913	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		559
7914	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		575
7915	C ₇ H ₁₆	Heptane	98.4	< 91.0	> 80	527
7916	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		575
A =	C₄H₉Br	2-Bromo-2-methylpropane	73.25			
7917	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	Nonazeotrope		550
7918	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		550
7919	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	69.95		571c,962
7920	C ₄ H ₁₀ O	Isobutyl alcohol	108	Nonazeotrope		563
7921	C ₄ H ₁₀ O ₂	Ethoxymethoxymethane	65.9	Nonazeotrope		559
7922	C ₆ H ₆	Benzene	80.2	Nonazeotrope		563
7923	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
7924	C ₆ H ₁₂	Methylcyclopentane	72.0	< 70.5	> 48	562
7925	C ₆ H ₁₄	Hexane	68.85	68.0	~ 38	538
7926	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		559
A =	C₄H₉Cl	1-Chlorobutane	78.5			
7927	C ₄ H ₉ ClO	2-Chloroethyl ethyl ether	98.5	Nonazeotrope		575
7928	C ₄ H ₉ NO ₂	Butyl nitrite	78.2	77.0	48	550
7929	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	Nonazeotrope		550
7930	C ₄ H ₁₀ O	Butyl alcohol	117.75	Nonazeotrope		527
		"	117	77.7	98.1	215
		"	117.75	Nonazeotrope		v-1 497,982
7931	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	77.7	92	575
7932	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	72.8	80	567
7933	C ₄ H ₁₀ O	Isobutyl alcohol	107.85	77.65	96	573
7934	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		559
7935	C ₄ H ₁₀ S	Butanethiol	97.5	Nonazeotrope		575
7936	C ₅ H ₁₀ O	Isovaleraldehyde	92.1	Nonazeotrope		575
7937	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		552
7938	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		575
7939	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		550
7940	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		575
7941	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		575
7942	C ₆ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		527
7943	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		575
7944	C ₆ H ₁₂	Cyclohexane	80.75	< 78.0	> 64	575
7945	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		575
7946	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		559
7947	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		559

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₉Cl	1-Chlorobutane (<i>continued</i>)	78.5			
7948	C ₇ H ₁₆	Heptane	98.4		Nonazeotrope	
					Vapor pressure data	899
7949	C ₈ H ₁₈ O	Butyl ether	141.97		Nonazeotrope	806
A =	C₄H₉Cl	2-Chlorobutane	68.25			
7950	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85		Nonazeotrope	575
7951	C ₄ H ₉ NO ₂	Butyl nitrite	78.2		Nonazeotrope	550
7952	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	66.2	38	550
7953	C ₅ H ₁₂ O	Ethyl propyl ether	63.85		Nonazeotrope	559
7954	C ₆ H ₅ NO ₂	Nitrobenzene	210.75		Nonazeotrope	554
7955	C ₆ H ₆	Benzene	80.15		Nonazeotrope	575
7956	C ₆ H ₁₄	Hexane	68.8	65.85	57	562
A =	C₄H₉Cl	1-Chloro-2-methylpropane	68.85			
7957	C ₄ H ₉ NO ₂	Butyl nitrite	78.2		Nonazeotrope	550
7958	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1	66.5	33	550
7959	C ₄ H ₁₀ O	Butyl alcohol	117.75		Nonazeotrope	527
7960	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5		Nonazeotrope	575
7961	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55	65.5	83	535
7962	C ₄ H ₁₀ O	Isobutyl alcohol	107.85		Nonazeotrope	532
7963	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3		Nonazeotrope	559
7964	C ₅ H ₁₀	Cyclopentane	49.3		Nonazeotrope	575
7965	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0		Nonazeotrope	535
7966	C ₅ H ₁₂ O	Ethyl propyl ether	63.6		Nonazeotrope	548
7967	C ₆ H ₆	Benzene	80.2		Nonazeotrope	529
7968	C ₆ H ₈	1,3-Cyclohexadiene	80.8		Nonazeotrope	563
7969	C ₆ H ₁₀	Cyclohexene	82.75		Nonazeotrope	575
7970	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope	563
7971	C ₆ H ₁₂	Methylcyclopentane	72.0	67.8	63	562
7972	C ₆ H ₁₄	2,3-Dimethylhexane	58.0		Nonazeotrope	575
7973	C ₆ H ₁₄	Hexane	68.95	66.3	55	563
7974	C ₆ H ₁₄ O	Isopropyl ether	68.3	> 69.0		559
A =	C₄H₉Cl	2-Chloro-2-methylpropane	50.8			
7975	C ₄ H ₉ NO ₂	Isobutyl nitrite	67.1		Nonazeotrope	550
7976	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5		Nonazeotrope	962
7977	C ₅ H ₁₀	Cyclopentane	49.3	47.5	50	562
7978	C ₅ H ₁₂	Pentane	36.15	< 35.8	> 16	562
7879	C ₆ H ₁₀	Biallyl	60.2		Nonazeotrope	563
7980	C ₆ H ₁₂	Methylcyclopentane	72.0		Nonazeotrope	575
7981	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	< 50.5	< 40	575
7982	C ₆ H ₁₄	Hexane	68.9		Nonazeotrope	563
A =	C₄H₉ClO	Chloroethyl Ethyl Ether	98.5			
7983	C ₄ H ₁₀ S	Ethyl sulfide	92.1	91.8	6	575
7984	C ₅ H ₇ N	1-Methylpyrrol	112.8		Nonazeotrope	575
7985	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4		Nonazeotrope	575
7986	C ₅ H ₁₀ O	3-Pentanone	102.05		Nonazeotrope	575
7987	C ₆ H ₆	Benzene	80.15		Nonazeotrope	575
7988	C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope	575
7989	C ₆ H ₁₄ O	Propyl ether	90.1		Nonazeotrope	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₈ClO	Chloroethyl Ethyl Ether	98.5			
		<i>(continued)</i>				
7990	C ₇ H ₁₄	Methylcyclohexane	101.15	< 97.5	>65	562
7991	C ₇ H ₁₆	Heptane	98.4	96.0	48	562
A =	C₈H₉Cl₂Sn	Butyltin Trichloride	113/17			
7992	C ₈ H ₁₈ Cl ₂ Sn	Dibutyltin dichloride, 17 mm.	157	Nonazeotrope		981
7993	C ₁₂ H ₂₇ ClSn	Tributyltin chloride, 17 mm.	166	Nonazeotrope		981
A =	C₄H₉I	1-Iodobutane	130.4			
7994	C ₄ H ₉ NO ₃	Isobutyl nitrate	123.5	< 121.7	>27	560
7995	C ₄ H ₁₀ O	Butyl alcohol	117.8	113.8	58.5	575
7996	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.45	Nonazeotrope		575
7997	C ₄ H ₁₀ O	Isobutyl alcohol	108.0	106.2	50	567
7998	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	123.0	70	526
7999	C ₅ H ₈ O ₂	2-Furaldehyde	161.45	Nonazeotrope		527
8000	C ₅ H ₅ N	Pyridine	115.5	Nonazeotrope		548
8001	C ₅ H ₈ O	Cyclopentanone	130.65	129.0	60	552
8002	C ₅ H ₉ N	Isovaleronitrile	130.5	118.5	60	562
8003	C ₅ H ₁₀ O	Cyclopentanol	140.85	127.0	84	567
8004	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		527
8005	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.0	124.5	30	547
8006	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	< 129.5	<13	575
8007	C ₅ H ₁₂ O	Amyl alcohol	138.2	125.0	78	527
8008	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	123.2	72	527
8009	C ₅ H ₁₂ O	2-Pentanol	119.8	117.0	54	567
8010	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		575
8011	C ₆ H ₁₀ O	Mesityl oxide	129.5	128.0	56	527
8012	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		552
8013	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	124.8	25	562
8014	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		575
8015	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	122.0	26	562
8016	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		575
8017	C ₆ H ₁₂ O ₂	Propyl propionate	122.5	Nonazeotrope		547
8018	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
8019	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		575
8020	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
8021	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	< 130.3		575
8022	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	Nonazeotrope		547
8023	C ₈ H ₁₀	Ethylbenzene	136.15	< 130.0	>85	575
A =	C₆H₉I	2-Iodobutane	120.0			
8024	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		575
8025	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	< 116.0	>30	575
8026	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	< 116.0	>28	575
8027	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
A =	C₄H₉I	1-Iodo-2-methylpropane	120.8			
8028	C ₄ H ₉ NO ₃	Isobutyl nitrate	123.5	< 117.5	>60	560
8029	C ₄ H ₁₀ O	Butyl alcohol	117.75	110.6	70	535

No.	B-Component		B.P., °C	Azeotropic Data		
	Formula	Name		B.P., °C	Wt.% A	Ref.
A =	C₄H₉I	1-Iodo-2-methylpropane	120.8			
		<i>(continued)</i>				
8030	C ₄ H ₁₀ O	Isobutyl alcohol	108 107.85	101 104	>67 64	834 573
8031	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	117.5		575
8032	C ₅ H ₅ N	Pyridine	115.5	~ 114.0	~ 35	548
8033	C ₅ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope		575
8034	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		575
8035	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		575
8036	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.0	118.2	80	547
8037	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		526
8038	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.2	~ 119.0		563
8039	C ₅ H ₁₂ O	Isoamyl alcohol	131.8 131.3	115 117.6	<80 83	834 527
8040	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	<130.0		575
8041	C ₆ H ₁₂ O ₂	Butyl acetate	125.0	120.0		547
8042	C ₆ H ₁₂ O ₂	Ethyl butyrate	120.0	119	64	573
8043	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		563
8044	C ₆ H ₁₂ O ₂	Isoamyl formate	123.6	117.5	70	563
8045	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	116.0	50	571
8046	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		547
8047	C ₇ H ₁₃ BO ₃	Ethyl borate	118.6	117.2	35	547
8048	C ₇ H ₈	Toluene	110.7	Nonazeotrope		834
8049	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		575
8050	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		389
8051	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	119.5	53	547
8052	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		547
8053	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	< 119.0	> 60	562
A =	C₄H₉N	Pyrrolidine	88			
8054	C ₆ H ₆	Benzene	80.1	Min. b.p.		515
A =	C₄H₉NO	2-Butanone Oxime				
8055	C ₆ H ₆	Benzene 150-300 mm.		Nonazeotrope	v-1	774
8056	C ₇ H ₁₆	Heptane 150-300 mm.		Nonazeotrope	v-1	774
A =	C₇H₉NO	Morpholine	128.3			
8057	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		340
8058	C ₈ H ₁₈ O	Butyl ether	142.1	126.7	73	981
8059	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	169.4	128	98	981
A =	C₄H₉NO₂	Butyl Nitrite	78.2			
8060	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		550
8061	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		552
8062	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		550
8063	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		527
8064	C ₆ H ₅ F	Fluorobenzene	84.9	Nonazeotrope		550
8065	C ₆ H ₆	Benzene	80.15	77.95	75	550
8066	C ₆ H ₁₂	Cyclohexane	80.75	76.5	63	570
8067	C ₆ H ₁₂	Methylcyclopentane	72.0	< 71.5	< 2.8	575
8068	C ₆ H ₁₄	Hexane	68.8	68.5	18	550

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₄H₉NO₂	Butyl Nitrite (<i>continued</i>)	78.2			
8069	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		550
8070	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		550
8071	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		527
A =	C₄H₉NO₂	Isobutyl Nitrite	67.1			
8072	C ₄ H ₁₀ O ₂	Acetaldehyde dimethyl acetal	64.3	Nonazeotrope		550
8073	C ₅ H ₁₀	Cyclopentane	49.3	Nonazeotrope		550
8074	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		550
8075	C ₅ H ₁₂ O	Ethyl propyl ether	63.85	< 63.7	5	550
8076	C ₆ H ₆	Benzene	80.15	Nonazeotrope		550
8077	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		550
8078	C ₆ H ₁₂	Methylcyclopentane	72.0	65.9	68	570
8079	C ₆ H ₁₄	Hexane	68.8	65.0	54	527
A =	C₄H₉NO₃	Isobutyl Nitrate	123.5			
8080	C ₄ H ₁₀ O	Butyl alcohol	117.8	112.8	45	527
8081	C ₅ H ₁₀ O	Isobutyl alcohol	107.85	105.6	36	560
8082	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	121.0	82	560
8083	C ₅ H ₁₀ O	Cyclopentanol	140.85	< 122.2		560
8084	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.5	Nonazeotrope		549
8085	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		560
8086	C ₆ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	118.0	32	560
8087	C ₃ H ₁₂ O	Amyl alcohol	138.2	122.0		560
8088	C ₅ H ₁₂ O	Isoamyl alcohol	131.3	~ 120.0	~ 74	560
8089	C ₅ H ₁₂ O	2-Pentanol	119.8	< 115.3	< 48	560
8090	C ₃ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		560
8091	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		560
8092	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	< 122.0	> 54	549
8093	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	< 121.7	> 41	549
8094	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	< 122.8		557
8095	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		560
8096	C ₇ H ₈	Toluene	110.75	Nonazeotrope		560
8097	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		560
8098	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	< 114.5	< 41	560
8099	C ₈ H ₁₈ O	Isobutyl ether	122.3	< 121.0		557
A =	C₄H₉NO₃	2-Methyl-2-nitro-1-Propanol				
8100	C ₆ H ₁₁ NO ₃	2-Methyl-2-nitro-propyl vinyl ether, 10 mm.		71-81	8.6	1008
8100a	C ₄ H ₁₀	2-Methylpropane	—10	Nonazeotrope	v-1	386f
A =	C₄H₁₀	Butane	— 0.5			
8101	C ₇ H ₁₆	Perfluoroheptane crit. press.		147.8	47.8	v-1 431
A =	C₄H₁₀O	Butyl Alcohol	117.75			
8102	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.5	Nonazeotrope		981
		" 100-700 mm.		Nonazeotrope	v-1	773c
8102a	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol		Nonazeotrope	v-1	773c
		100-700 mm.		Nonazeotrope	v-1	773c

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₄H₁₀O	Butyl Alcohol (<i>continued</i>)	117.75			
8103	C ₄ H ₁₀ O	Isobutyl alcohol, to crit. region		Nonazeotrope	v-l	213,981
		“ 750 mm.	107	Nonazeotrope	v-l	982
8104	C ₄ H ₁₀ O	Ethyl ether, to crit. region	34.5	Nonazeotrope	v-l	213
8105	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		526
8106	C ₄ H ₁₀ S	1-Butanethiol, 770 mm.	98	97.8	14.84	487
8107	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		527
8108	C ₄ H ₁₁ N	Butylamine	77.1	Nonazeotrope	v-l	481e
8109	C ₅ H ₅ N	Pyridine	115.4	118.7	71	553
		“	115.5	118.6	69	v-l 393
		“		118.85	69.0	497
8110	C ₅ H ₇ N	<i>N</i> -Methylpyrrol	112.8	< 112.2		575
8111	C ₅ H ₈ O ₂	Methyl methacrylate	99.8	Nonazeotrope		413
8112	C ₅ H ₉ ClO ₂	Propyl chloroacetate	163.5	Nonazeotrope		575
8113	C ₅ H ₉ N	Valeronitrile	141.3	Nonazeotrope		565
8114	C ₅ H ₁₀	2-Methyl-2-butene	37.75	Nonazeotrope		256
8115	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		552
8116	C ₅ H ₁₀ O	2-Pentanone	102.35	Nonazeotrope		527
8117	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		527
8118	C ₅ H ₁₀ O ₂	Butyl formate	106.6	105.8	23.6	359
8119	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		527
8120	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	Nonazeotrope		527
8121	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		575
8122	C ₅ H ₁₀ O ₂	Methyl butyrate	102.75	Nonazeotrope		527
8123	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	Nonazeotrope		527
8124	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		527
8125	C ₅ H ₁₀ O ₃	Ethyl carbonate	125.9	116.5	63	527
8126	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		526
8127	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.3	110.65	31.5	555
8128	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	97.0	12	567
8129	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	117.3	~ 78	535
8130	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		575
8131	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		575
8132	C ₆ H ₆ Br	Bromobenzene	156.1	Nonazeotrope		527
8133	C ₆ H ₆ Cl	Chlorobenzene	132.0	115.3	56	574
8134	C ₆ H ₆ F	Fluorobenzene	84.9	Nonazeotrope		575
8135	C ₆ H ₆ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
8136	C ₆ H ₆	Benzene	80.2	Nonazeotrope		563
		“ 45°		Nonazeotrope	v-l	93
		“	80.1	Nonazeotrope	v-l	1011, 1060
		“ crit. pt.		min. b.p.	v-l	888
		“ 685 mm.			v-l	994
		“ 1445 mm.			v-l	994
		“ 2205 mm.			v-l	994

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₁₀O	Butyl Alcohol (<i>continued</i>)	117.75			
8137	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		575
8138	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		551
8139	C ₆ H ₇ N	2-Picoline	130.7	Nonazeotrope		575
8140	C ₆ H ₈	1,3-Cyclohexadiene	80.8	Nonazeotrope		563
8141	C ₆ H ₉ N	<i>N</i> -Ethylpyrrol	130.4	Nonazeotrope		575
8142	C ₆ H ₁₀	Cyclohexene	82.7	82.0	5	537
8143	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		527,552
8144	C ₆ H ₁₀ S	Allyl sulfide	130.35	Nonazeotrope		527
8145	C ₆ H ₁₁ ClO ₂	Butyl chloroacetate	181.9	Nonazeotrope		121
8146	C ₆ H ₁₂	Cyclohexane	80.75	79.8	4	537
		"	80.8	79.8	9.5	413,982
		" 762 mm.		80	9.8	v-1 779c
		" 1024 mm.		90	11	v-1 779c
		" 1342 mm.		100	11.5	v-1 779c
		" 1720 mm.		110	13.5	v-1 779c
8147	C ₆ H ₁₂	Methylcyclopentane	72.0	71.8	< 8	575
8148	C ₆ H ₁₂ O	Butyl vinyl ether	93.8	93.3	7.75	882
		"	93.8	Nonazeotrope?		254,882
		"	94.2	93.3	7.8	982
8149	C ₆ H ₁₂ O	Hexaldehyde	128.3	116.8	77.1	982
8150	C ₆ H ₁₂ O	2-Hexanone	127.2	116.5	81.8	918
		"	127.2	Nonazeotrope		527
8151	C ₆ H ₁₂ O	3-Hexanone	123.3	117.2	80	527
8152	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	114.35	30	552
8153	C ₆ H ₁₂ O ₂	Butyl acetate	125.5	116.2	63.3	v-1 96,359,
		"				527
		" 50 mm.			27.3	322
		"	126.2	117.6	67.2	322,982
8154	C ₆ H ₁₂ O ₂	Ethyl butyrate	120.0	115.7	~ 64	536
8155	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	109.2	17	537
8156	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	115.9	69	536
8157	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	114.5	50	536
8158	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.3	113.5	40	537
8159	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	117.5		575
8160	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
8161	C ₆ H ₁₂ O ₃	Paraldehyde	123.9	115.75	52	527
8162	C ₆ H ₁₃ Br	1-Bromohexane	156.5	Nonazeotrope		575
8163	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		541
		"	68.95	68.2	3.2	477,982
8164	C ₆ H ₁₄ O	Propyl ether	90.4	Nonazeotrope		527
8165	C ₆ H ₁₄ O ₂	Acetal	103.55	101	13	573
8166	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.1	Nonazeotrope	v-1	982
8167	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	112.0	45	555
8168	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		566
8169	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	113	52	536
8170	C ₇ H ₈	Toluene	110.7	105.5	32	50,527,589
		"		0.5	5.6	814
		"		25	6.0	814

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₇H₁₀O	Butyl Alcohol (continued)	117.75			
		Toluene		50	7.1	814
		"		73	11.5	814
		"		103.1	28.1	814
		"	110.7	105.5	27.5	v-l 393
		" 200 mm.		66.8	17.7	v-l 348
		" 400 mm.		85.45	22.9	v-l 348
		" 470 mm.		90.0	21.2	v-l 859f
		" 600 mm.		97.7	26.5	v-l 348
		" 760 mm.		105.3	29.7	v-l 348
		" 760 mm.	110.7	105.5	27.8	v-l 859f
		" 409 mm.		86.0	22.6	662
		" 510 mm.		92.5	24.0	662
		" 610 mm.		98.0	25.8	662
		" 710 mm.		102.5	27.1	662
		"	110.6	105.1	28.0	662
		"	110.6	105.5	27.6	v-l 619
		"		105.7	28.6	497
8171	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		527
8172	C ₇ H ₁₂ O ₂	Butyl acrylate,				
		100 mm.	69.77	69	75	981
		" 20 mm.		39	87.7	215
		" 150 mm.		77	92.2	215
		"	147	117	98.2	215
		"			85	999
8173	C ₇ H ₁₄	1-Heptene, 729 mm.		90	13	757
8174	C ₇ H ₁₄	Methylcyclohexane	100.8	95.3	20	50,571
		"	100.8	96.5	20.6	v-l 778f
		"	100.8	96.2	20	v-l 859f
		" 626 mm.		90	17.1	859f
8175	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	Nonazeotrope		575
8176	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		527
8177	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		527
8178	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		575
8179	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	115.5	54	567
8180	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		575
8181	C ₇ H ₁₄ O ₂	Propyl isobutyrate	133.9	Nonazeotrope		527
8182	C ₇ H ₁₆	Heptane	98.45	93.95	18	527
		"	98.4	93.85	18	477,478
		"	98.4	~ 94	~ 16	v-l 393
		"	98.5	93.8	17.6	v-l 27
		" 153 mm.		50	10.3	v-l 27
		" 684 mm.		88.8	15.0	v-l 993
		" 1445 mm.	122	114.8	23.4	v-l 993
		" 2205 mm.	139	129.8	29.8	v-l 993

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A		Ref.
A =	C₈H₁₀O	Butyl Alcohol (continued)	117.75				
		"	2965 mm.	153	142.4	32.8	v-1 993
		"	3725 mm.	166	150.5	35.8	v-1 993
8183	C ₇ H ₁₈ SiO	(Trimethylsiloxy) butane					
		"		124.5	111.0	40-44	Azeotropic 520 839,907
8184	C ₈ H ₈	Styrene		145.8	~ 116.5	79	537
		60 mm.		68		59	53
8185	C ₈ H ₁₀	Ethylbenzene		136.15	114.8	~ 67	537
		60 mm.		60.5	53	37	53
		"				36.3	v-1 239
		"		100 mm.	63.65	42.1	v-1 239
		"		300 mm.		51.0	v-1 239
		"		500 mm.		59.7	v-1 239
		"		760 mm.	136.15	65.1	v-1 239
		"			115.05	67.1	v-1 587
8186	C ₈ H ₁₀	Xylene			20	29.6	814
		"			40	38.4	814
		"			60	47.5	814
		"			80	56.5	814
		"			115	73.0	814
8187	C ₈ H ₁₀	<i>m</i> -Xylene	139.	116.5	71.5		527
8188	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	116.8	75		541
8189	C ₈ H ₁₀	<i>p</i> -Xylene	138.3	116.0	69.5	v-1	308c,537
8189	C ₈ H ₁₀	<i>p</i> -Xylene	138.3	115.7	68		537
8190	C ₈ H ₁₄ O ₂	Butyl methacrylate			~ 80		999
8191	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	108.5	43		567
8192	C ₈ H ₁₆ O ₂	Butyl butyrate	166	109.9	28	v-1	722
8193	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	101.9	28		567
8194	C ₈ H ₁₈	Octane	125.75	110.2	50		567
		"	125.75	108.45	43.2		477,478
8195	C ₈ H ₁₈ O	Butyl ether	142.1	117.6	82.5		982
		Butyl ether	141.9	117.25	88		760
		"	142.4				Nonazeotrope 527
8196	C ₈ H ₁₈ O	Isobutyl ether	122.3	113.5	48		527
8197	C ₈ H ₁₉ N	Dibutylamine	159.6			v-1	481e
8197	C ₈ H ₁₉ N	Dibutylamine	159.6				Nonazeotrope 981
8198	C ₉ H ₈	Indene	182.6				Nonazeotrope 575
8199	C ₉ H ₁₂	Cumene	152.8				Nonazeotrope 527
8200	C ₉ H ₁₂	Mesitylene	164.6				Nonazeotrope 541
8201	C ₉ H ₁₂	Propylbenzene	158.8				Nonazeotrope 537
8202	C ₉ H ₁₂	Pseudocumene	168.2				Nonazeotrope 575
8203	C ₉ H ₂₀	Nonane	150.7	115.9	71.5		477,478
8204	C ₉ H ₂₀ O ₂	Diisobutoxymethane	163.8				Nonazeotrope 575
8205	C ₉ H ₂₀ O ₂	Dibutoxymethane	181.8				Nonazeotrope 324
8206	C ₁₀ H ₁₄	Butylbenzene	183.1				Nonazeotrope 575
8207	C ₁₀ H ₁₄	Cymene	176.7				Nonazeotrope 537
8208	C ₁₀ H ₁₆	Camphene	159.6	117.73?	98		574

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₀H₁₆O	Butyl Alcohol (<i>continued</i>)	117.75			
8209	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		537
8210	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		527
8211	C ₁₀ H ₁₆	α -Pinene	155.8	117.4	~ 88	537
8212	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		541
8213	C ₁₀ H ₂₂	Decane	173.3	Nonazeotrope		575
		386 mm.		100	52	v-l 577c
8214	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	Nonazeotrope		537
8215	C ₁₀ H ₂₂ O ₂	1,1-Dibutoxyethane	187.8	Nonazeotrope		v-l 45,170
A =	C₄H₁₀O	sec-Butyl Alcohol	99.5			
8216	C ₄ H ₁₀ S	Ethyl sulfide	92.1	< 89.0	< 32	566
8217	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		575
8218	C ₅ H ₁₀ O	3-Pentanone	102.05	98.0	58	534
8219	C ₅ H ₁₀ O ₂	Butyl formate	106.8	98.0	68	567
8220	C ₅ H ₁₀ O ₂	Ethyl propionate	99.15	95.7	47	536
8221	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	94.7	40	575
8222	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	< 97.7	< 59	575
8223	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	< 92.0	< 23	575
8224	C ₅ H ₁₀ O ₂	Propyl acetate	101.55	~ 96.5	~ 52	563
8225	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	91.5	29	569
8226	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	Nonazeotrope		575
8227	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		575
8228	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		537
8229	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		575
8230	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		575
8231	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
8232	C ₆ H ₆	Benzene	80.2	78.5	15.4,	v-l 537,734
8233	C ₆ H ₁₀	Cyclohexene	82.7	78.7	21	537
8234	C ₆ H ₁₂	Cyclohexane	80.75	76.0	18	541
8234a	C ₆ H ₁₂	1-Hexene		Nonazeotrope		v-l 362c
8235	C ₆ H ₁₂	Methylcyclopentane	72.0	69.7	11.5	567
8236	C ₆ H ₁₂ O	Pinacolone	106.2	99.1	84	552
8237	C ₆ H ₁₂ O ₂	Butyl acetate	126.1	Nonazeotrope		981
8238	C ₆ H ₁₂ O ₂	<i>sec</i> -Butyl acetate	112.2	Nonazeotrope		981
		"	112.2	99.6	86.3	164
8239	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		575
8240	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		575
8241	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	< 57.75	< 8	575
8242	C ₆ H ₁₄	Hexane	597 mm.	60	8	v-l 362c
		"	68.9	67.2	8	537
8243	C ₆ H ₁₄ O	<i>tert</i> -Amyl methyl ether	86.7	86.0	7	256
8244	C ₆ H ₁₄ O	<i>tert</i> -Butyl ethyl ether	73	Nonazeotrope		256
8245	C ₆ H ₁₄ O	Propyl ether	90.4	87.0	22	576
8246	C ₇ H ₈	Toluene	110.7	95.3	55	50,537
8247	C ₇ H ₁₄	Methylcyclohexane	100.8	89.9	41	50
		"	101.5	89.7	38.2	v-l 1039
8248	C ₇ H ₁₆	Heptane	98.4	88.1	36.7	v-l 1039
		"	98.45	89	38	537

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	$C_4H_{10}O$	<i>sec</i> -Butyl Alcohol (continued)	99.5			
8249	$C_7H_{16}O$	<i>tert</i> -Amyl ethyl ether	101.2	94.5	39	256
8250	C_8H_8	Styrene, 60 mm.	68	45	96	53
8251	C_8H_{10}	Ethylbenzene	136.15	Nonazeotrope		575
		" 60 mm.	60.5	44	84	53
8252	C_8H_{10}	<i>m</i> -Xylene	139.2	Nonazeotrope		575
8253	C_8H_{14}	Diisobutylene	102.3	91	35	132
8254	C_8H_{18}	Iso-octane	99.3	88.0	33.8	v-l 1039
8255	C_8H_{18}	2,5-Dimethylhexane	109.4	93.0	54	567
A =	$C_4H_{10}O$	<i>tert</i> -Butyl Alcohol	82.9			
8256	$C_4H_{10}O$	Isobutyl alcohol	108	Nonazeotrope		215
8257	C_2H_6S	Ethyl sulfide	92.1	79.8	70	566
8258	$C_4H_{11}PO_3$	Diethyl phosphite		Nonazeotrope		24
8258a	C_5H_8	Isoprene	34	Nonazeotrope		581c
8259	C_5H_{10}	Cyclopentane	49.4	48.2	~ 7	575
8260	C_5H_{10}	2-Methyl-2-butene	37.15	Nonazeotrope		563
8260a	$C_5H_{10}O$	2-Methyl-3-buten-2-ol	97.0	Nonazeotrope		581c
8261	$C_5H_{10}O$	3-Pentanone	102.05	Nonazeotrope		552
8262	$C_5H_{10}O_2$	Isobutyl formate	97.9	Nonazeotrope		536
8263	$C_5H_{10}O_2$	Methyl isobutyrate	92.3	82.2		536
8264	$C_5H_{10}O_2$	Propyl acetate	101.6	Nonazeotrope		575
8265	$C_5H_{11}Br$	1-Bromo-3-methylbutane	120.65	Nonazeotrope		575
8266	$C_5H_{11}Cl$	1-Chloro-3-methylbutane	99.4	< 81.15 > 59		567
8267	C_5H_{12}	2-Methylbutane	27.95	Nonazeotrope		537
8268	C_5H_{12}	<i>n</i> -Pentane	36.15	35.9	3	575
		"	36	Nonazeotrope		581c
8268a	$C_6H_{12}O$	<i>tert</i> -Butyl methyl ether	55.2	Nonazeotrope		581c
8269	C_6H_5F	Fluorobenzene	85.15	76.0	31	545
8270	C_6H_6	Benzene	80.2	73.95	36.6	1044
		"	80.1	72.6	35.4	v-l 792
8271	C_6H_8	1,3-Cyclohexadiene	80.8	73.4	38.5	563
8272	C_6H_{10}	Cyclohexene	82.7	73.2	40	537
8273	C_6H_{10}	Methylcyclopentene	75.85	69.5	30	567
8273a	$C_6H_{10}O$	Methylidihydropyran	118.5	Nonazeotrope		581c
8274	C_6H_{12}	Cyclohexane	80.75	71.3	37	541
		"	80.7	71.2	34.2	v-l 792
8275	C_6H_{12}	Methylcyclopentane	72.0	66.6	26	567
8276	C_6H_{14}	2,3-Dimethylbutane	58.0	55.3	13	567
8277	C_6H_{14}	Hexane	68.85	63.7	22	541
8277a	$C_6H_{14}O$	Isopropyl ether	68.3	67.3	7.9	581c
8278	$C_6H_{14}O$	Propyl ether	90.4	79.0	52	576
8279	C_7H_8	Toluene	110.7	Nonazeotrope		50
8280	C_7H_{14}	Methylcyclohexane	100.8	78.8	66	50
8281	C_7H_{16}	Heptane	98.45	78	62	537
8282	C_8H_8	Styrene, 60 mm.	68	Nonazeotrope		53
8283	C_8H_{10}	Ethylbenzene, 60 mm.	60.5	28	95	53
8284	C_8H_{10}	<i>p</i> -Xylene	138.45	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₁₀O	tert-Butyl Alcohol	82.9			
		<i>(continued)</i>				
8285	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	< 82.2	> 90	575
8286	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	81.5	77	545
8287	C ₁₀ H ₁₆	α-Pinene	155.8	Nonazeotrope		537
A =	C₄H₁₀O	Ethyl Ether	34.6			
8288	C ₄ H ₁₀ O	Methyl propyl ether	38.9	Nonazeotrope		563
8289	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		551
8289a	C ₄ H ₁₂ Ge	Tetramethylgermane	43.5	34		580c
8290	C ₅ H ₈	Isoprene	34.3	33.2	48	558
8291	C ₈ H ₈	3-Methyl-1,2-butadiene	40.8	Nonazeotrope		563
8292	C ₅ H ₁₀	Cyclopentane	49.3	Nonazeotrope		558
8293	C ₅ H ₁₀	2-Methyl-2-butene	37.1	34.2	85	558
8294	C ₅ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		558
8295	C ₅ H ₁₂	2-Methylbutane	27.95	Nonazeotrope		563
8296	C ₅ H ₁₂	Pentane	36.15	33.4	68	558
		"		33.7	56	497
8297	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
8293	C ₆ H ₆	Benzene	80.2	Nonazeotrope		558
8294	C ₆ H ₁₀	Biallyl	60.1	Nonazeotrope		558
8300	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		558
8301	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		558
8302	C ₆ H ₁₄ O	Hexyl alcohol	155.8	Nonazeotrope		215
8303	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		551
8304	C ₇ H ₈	Toluene	110.75	Nonazeotrope		558
8305	C ₈ H ₁₈ O	Butyl ether, 600 mm.		Ideal system	v-1	737
A =	C₄H₁₀O	Isobutyl Alcohol	108.0			
8306	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.3	Nonazeotrope		575
8307	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		553
8308	C ₅ H ₅ N	N-Methylpyrrol	112.8	< 107.5		575
8309	C ₅ H ₉ ClO ₂	Propyl chloroacetate	163.5	Nonazeotrope		575
8310	C ₅ H ₁₀	Cyclopentane	49.4	Nonazeotrope		575
8311	C ₅ H ₁₀ O	Isovaleraldehyde	92.5	Nonazeotrope		v-1 665
8312	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		552
8313	C ₅ H ₁₀ O	2-Pentanone	102.35	101.8	19	552
8314	C ₅ H ₁₀ O	3-Pentanone	102.05	101.7	20	552
8315	C ₅ H ₁₀ O ₂	Butyl formate	106.8	103.0	40	567
8316	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	< 98.9		13 575
8317	C ₅ H ₁₀ O ₂	Isobutyl formate	98.3	Nonazeotrope		1033
		"	98.3	97.8	16.9	498i
		"	98.4	97.8	20.6	359,536
8318	C ₅ H ₁₀ O ₂	Isopropyl acetate	89.5	Nonazeotrope		575
8319	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	101.3	25	536
8320	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.3	Nonazeotrope		536
8321	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	101.0	17	572
8322	C ₅ H ₁₀ O ₃	Ethyl carbonate	125.9	Nonazeotrope		536
8323	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		575
8324	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	118.1	103.4	63.6	388,555
				B.p. curve		
8325	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	94.5	22	573

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_4H_{10}O$	Isobutyl Alcohol	108.0			
8326	$C_5H_{11}I$	1-Iodo-3-methylbutane	146.5			
				Nonazeotrope, b.p. curve		388
8327	C_5H_{12}	<i>n</i> -Pentane	36.15	Nonazeotrope		575
8328	$C_5H_{12}O$	Isoamyl alcohol	131.9	Nonazeotrope		575
8329	$C_5H_{12}O_2$	Diethoxymethane	87.95	Nonazeotrope		527
8330	C_6H_5Br	Bromobenzene	156.1	Nonazeotrope		532
8331	C_6H_5Cl	Chlorobenzene	132.0	107.1	63	532
8332	C_6H_5F	Fluorobenzene	84.9	84.0	9	575
8333	C_6H_6	Benzene	80.2	79.84	9.3	1044
		"	80.1	78.36	12	306
		" 111 mm.		28.4	2.7	924
		" 240 mm.		45.0	4.2	924
		" 525 mm.		67.4	6.4	924
		" 760 mm.	80.1	79.3	7.4	924
		" 206 mm.		43.0	4.2	735
		" 394 mm.		59.5	6.0	735
		" 759 mm.	80.1	79.4	7.9	735
		" 5420 mm.		159.9	21.0	735
		" 12,930 mm.		207.5	33	735
		"		Nonazeotrope		834
		"		79.8	9	v-1 686c
8334	C_6H_8	1,3-Cyclohexadiene	80.8	79.35	12	563
8335	C_6H_{10}	Cyclohexene	82.7	80.5	14.2	541
8336	$C_6H_{10}S$	Allyl sulfide	139.35	Nonazeotrope		566
8337	$C_6H_{11}ClO_2$	Isobutyl chloroacetate	174.4	Nonazeotrope		121
8338	C_6H_{12}	Cyclohexane	80.75	78.1	14	541
		"	80.75	78.3	14	v-1 686c
8339	C_6H_{12}	Methylcyclopentane	72.0	71.0	5	575
8340	$C_6H_{12}O$	2-Hexanone	127.2	Nonazeotrope		552
8341	$C_6H_{12}O$	3-Hexanone	123.3	Nonazeotrope		552
8342	$C_6H_{12}O$	Isobutyl vinyl ether	83.0	82.7	6.2	882
8343	$C_6H_{12}O$	4-Methyl-2-pentanone	116.05	107.85	91	552
8344	$C_6H_{12}O$	Pinacolone	106.2	< 105.5	< 42	548
8345	$C_6H_{12}O_2$	Butyl acetate	126.0	Nonazeotrope		527
8346	$C_6H_{12}O_2$	Ethyl butyrate	120.6	Nonazeotrope, b.p. curve		389
8347	$C_6H_{12}O_2$	Ethyl isobutyrate	110.1	105.5	52	563
8348	$C_6H_{12}O_2$	Isoamyl formate	123.8	Nonazeotrope		536
8349	$C_6H_{12}O_2$	Isobutyl acetate	117.2	107.4	55	359
		"	116.3	Nonazeotrope b.p. curve		389,572
8350	$C_6H_{12}O_2$	Methyl isovalerate	116.3	~ 107.5	~ 90	563
8351	$C_6H_{12}O_2$	Propyl propionate	123.0	Nonazeotrope		575
8352	$C_6H_{13}O_3$	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
8353	$C_6H_{13}Br$	1-Bromohexane	156.5	Nonazeotrope		575
8354	C_6H_{14}	Hexane	68.9	68.3	2.5	537
8355	$C_6H_{14}O$	Ethyl isobutyl ether	743 mm. 79	78	18.43	73

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₁₀O	Isobutyl Alcohol	(continued)	108.0		
8356	C ₆ H ₁₄ O	Propyl ether	90.55	89.5	10	556
8357	C ₆ H ₁₄ O ₂	Acetal	103.55	98.2	20	573
8358	C ₆ H ₁₄ S	Isopropyl sulfide	100.5	105.8	73	555
8359	C ₆ H ₁₄ S	Propyl sulfide	141.5			566
8360	C ₈ H ₁₅ BO ₃	Ethyl borate	118.6			530
8361	C ₇ H ₈	Toluene	110.7	101.2	45	50,834,1051
		"	110.6	101.2	44	1038
		" 758 mm.	110.6	100.5	43.3	662
		" 709 mm.		98.0	42.4	662
		" 609 mm.		94.0	40.8	662
		" 509 mm.		89.0	38.2	662
		" 409 mm.		82.5	35.7	662
8362	C ₇ H ₁₄	Methylcyclohexane	100.8	92.6	32	50
8363	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7			575
8364	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1			575
8365	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5			389
8366	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8			575
8367	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0			575
8368	C ₇ H ₁₆	Heptane	98.45	90.8	27	537
8369	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2			575
8370	C ₈ H ₈	Styrene	145.8			537
		" 60 mm.	68	49	75	53
8371	C ₈ H ₁₀	Ethylbenzene	136.15	107.2	80	541
		" 60 mm.	60.5	48	61	53
8372	C ₈ H ₁₀	<i>m</i> -Xylene	139	107.78	85.5	527
		"				834
		"	139.1	107.2	90.1	v-l 312
		" 40 mm.		42.5	56.5	312
8373	C ₈ H ₁₀	<i>o</i> -Xylene	144.4			v-l 312
		" 40 mm.		42	67.6	312
		"	143.6			537
8374	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	~ 107.5	~ 83	541
		"	138.4	107.1	88.6	v-l 312
		" 40 mm.		43.0	53.3	312
8375	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	102.2	56	575
8376	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	98.7	42	545
8377	C ₈ H ₁₈	Octane	125.8	104		563
8378	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	92.0	27	575
8379	C ₈ H ₁₈ O	Butyl ether	142.4			575
8380	C ₈ H ₁₈ O	Isobutyl ether	122.3	107.8?		563
8381	C ₉ H ₁₂	Cumene	152.8			575
8382	C ₉ H ₁₂	Mesitylene	164.6			575
8383	C ₉ H ₁₂	Propylbenzene	158.8			537
8384	C ₉ H ₂₀ O ₂	Diisobutoxymethane	163.8			324
8385	C ₁₀ H ₁₄	Cymene	176.7			575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₁₀O	Isobutyl Alcohol (<i>continued</i>)	108.0			
8386	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		537
8387	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		541
8388	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
8389	C ₁₀ H ₁₆	α -Pinene	155.8	107.95	>99	528
8390	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		537
8391	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	Nonazeotrope		575
8392	C ₁₀ H ₂₂ O ₂	Acetaldehyde diisobutyl acetal	171.3	Nonazeotrope		45
A =	C₄H₁₀O	Methyl Propyl Ether	38.95			
8393	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		551
8394	C ₅ H ₈	Isoprene	34.3	Nonazeotrope		558
8395	C ₅ H ₁₀	2-Methyl-2-butene	37.15	36.3	25	558
8396	C ₅ H ₁₂	Pentane	36.2	35.3	22	558
A =	C₄H₁₀O₂	Acetaldehyde Dimethyl Acetal	64.3			
8797	C ₄ H ₁₁ N	Diethylamine	55.9	Nonazeotrope		551
8398	C ₆ H ₆	Benzene	80.15	Nonazeotrope		558
8399	C ₆ H ₁₂	Methylcyclopentane	72.0	64.0	83	558
8400	C ₆ H ₁₄	Hexane	68.8	64.0	70	558
A =	C₄H₁₀O₂	1,2,3-Butanediol	183-184			
8401	C ₈ H ₁₄ O ₄	<i>meso</i> -2,3-Butanediol diacetate	190-193	177.6	60.5	v-l 731
		" 500 mm.		164.6	55.5	v-l 731
		" 350 mm.		153.0	49.9	v-l 731
		" 250 mm.		143.5	46.6	v-l 731
A =	C₄H₁₀O₂	2,3-Butylene Glycol	182			
8402	C ₈ H ₁₀	Xylene		135		1037
8403	C ₉ H ₁₂	Cumene	152.4	146.8		1037
A =	C₄H₁₀O₂	1,4-Butanediol	230			
8404	C ₆ H ₁₂ O ₂	4-Vinylxybutanol		Min. b.p.		263
A =	C₄H₁₀O₂	1,2-Dimethoxyethane	85.2			
8405	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		981
A =	C₄H₁₀O₂	2-Ethoxyethanol	135.3			
8406	C ₅ H ₄ O ₂	2-Furaldehyde	161.45	Nonazeotrope		527
8407	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		553
8408	C ₅ H ₇ N	2-Methylpyrrol	147.5	Nonazeotrope		575
8409	C ₅ H ₈ O	Cyclopentanone	130.65	< 130.2	< 27	552
8410	C ₅ H ₈ O ₂	Methyl methacrylate	99.8	Nonazeotrope		413
8411	C ₅ H ₉ N	Valeronitrile	141.3	< 135.0		575
8412	C ₅ H ₁₀ O	Cyclopentanol	140.85	Nonazeotrope		526
8413	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope	v-l	657
8414	C ₅ H ₁₀ O ₃	Ethyl lactate	154.1	Nonazeotrope		575
8415	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		556
8416	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	118.0	~ 8	575
8417	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	132.0	60?	526
8418	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	133.7	72	527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_4H_{10}O_2$	2-Ethoxyethanol (<i>continued</i>)	135.3			
8419	$C_5H_{12}O$	Amyl alcohol	138.2	Nonazeotrope		526
8420	$C_5H_{12}O$	Isoamyl alcohol	131.9	Nonazeotrope		527
8421	$C_5H_{12}O$	2-Pentanol	119.8	Nonazeotrope		575
8422	C_6H_5Br	Bromobenzene	156.1	135.22	86	556
8423	C_6H_5Cl	Chlorobenzene	131.75	127.15	32	527
8424	C_6H_5I	Iodobenzene	188.45	Nonazeotrope		575
8425	C_6H_6	Benzene	80.15	Nonazeotrope		575
8426	C_6H_6O	Phenol	182.2	Nonazeotrope		556
8427	C_6H_{10}	Cyclohexene	82.75	Nonazeotrope		526
8428	$C_6H_{10}O$	Mesityl oxide	129.45	128.9	18	527
8429	$C_6H_{11}N$	Capronitrile	163.9	Nonazeotrope		575
8430	C_6H_{12}	Cyclohexane	80.75	Nonazeotrope		575
8431	C_6H_{12}	Hexene	63.5	Nonazeotrope	v-1	933
8432	$C_6H_{12}O$	3-Hexanone	123.3	Nonazeotrope		552
8433	$C_6H_{12}O$	4-Methyl-2-pentanone	116.05	Nonazeotrope		552
8434	$C_6H_{12}O_2$	Butyl acetate	124.8	125.8	35.7	129
		"	126.2	125.7	13	v-1 658
8435	$C_6H_{12}O_2$	Ethyl butyrate	121.5	Nonazeotrope		575
8436	$C_6H_{12}O_2$	Isoamyl formate	123.8	Nonazeotrope		556
8437	$C_6H_{12}O_2$	Isobutyl acetate	117.4	Nonazeotrope		575
8438	$C_6H_{12}O_2$	Methyl isovalerate	116.5	Nonazeotrope		575
8439	$C_6H_{12}O_2$	Propyl propionate	123.0	Nonazeotrope		526
8440	$C_6H_{12}O_3$	2-Ethoxyethyl acetate	156.8	Nonazeotrope		556
8441	$C_6H_{12}O_3$	Paraldehyde	124.35	123.8	14	1048
8442	C_6H_{14}	Hexane	68.74	Nonazeotrope		v-1 933
8443	$C_6H_{14}N_2$	2,5-Dimethyl piperazine	164	Nonazeotrope	2.5	981
8444	$C_6H_{14}O_2$	1,2-Diethoxyethane	123	121.0	3.1	129
8445	$C_6H_{14}O_3$	2-(2-Ethoxyethoxy) ethanol	202.8	Nonazeotrope		981
8446	$C_6H_{14}S$	Propyl sulfide	140.8	130.2	52	555
8447	$C_6H_{15}NO$	2-Diethylaminoethanol	162.2	Nonazeotrope		552
8448	C_7H_7Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		526
8449	C_7H_7Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		556
8450	C_7H_8	Toluene	110.75	110.15	10.8	556
8451	C_7H_8O	Anisole	153.85	135.25	94	556
8452	C_7H_{14}	Methylcyclohexane	101.15	98.6	15	526
8453	$C_7H_{14}O$	5-Methyl-2-hexanone	144.2	Nonazeotrope		552
8454	$C_7H_{14}O_2$	Amyl acetate	148.8	Nonazeotrope		575
8455	$C_7H_{14}O_2$	Ethyl isovalerate	134.7	130.5	42	526
8456	$C_7H_{14}O_2$	Isoamyl acetate	142.1	133.8	70	526
8457	$C_7H_{14}O_2$	Isobutyl propionate	137.5	131.5	35	567
8458	$C_7H_{14}O_2$	Methyl caproate	149.8	Nonazeotrope		575
8459	$C_7H_{14}O_2$	Propyl butyrate	143.7	133.5	72	556
8460	$C_7H_{14}O_3$	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
8461	C_7H_{16}	Heptane	98.4	96.5	14	556

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₀O₂	2-Ethoxyethanol (continued)	135.3			
8462	C ₈ H ₈	Styrene	145.8	130.0	55	575,750
		“ 50 mm.		59.8	42.5	v-l 294
		“ 60 mm.				v-l 311c
8463	C ₈ H ₁₀	Ethylbenzene,				
		“ 50 mm.		53.9	27.6	v-l 294
		“ 57 mm.	60.62	50.0	42	vol. % 826
		“ 735 mm.	134.9	126.2	43.3	v-l 455
		“	136.15	128	45	v-l 673
		“	136.15	127.8	48	526,750
8464	C ₈ H ₁₀	<i>m</i> -Xylene 60°C.				v-l 311c
		“ 735 mm.	137.9	127.7	48.9	v-l 455
		“	139.2	128.85	51	527
8465	C ₈ H ₁₀	<i>o</i> -Xylene 60 mm.				v-l 311c
		“ 735 mm.	143.1	129.6	57.2	v-l 455
		“	144.3	130.8	55	526
8466	C ₈ H ₁₀	<i>p</i> -Xylene 60°C.				v-l 311c
		“	138.45	128.6	50	556
		“ 735 mm.	137.4	127.3	47.9	v-l 455
8467	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		526
8468	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		575
8469	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		575
8470	C ₈ H ₁₆	<i>trans</i> -1,2-Dimethyl- cyclohexane	123.42	115.6	27	vol. % 826
8471	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	114.0	30	575,928
8472	C ₈ H ₁₆	Ethylcyclohexane	131.8		37	928
		“	131.78	120.2	33	vol. % 826
8473	C ₈ H ₁₆	<i>cis</i> -2-Octene	125.6	117.9	28	vol. % 826
8474	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		575
8475	C ₈ H ₁₈	2,5-Dimethylhexane	109.4		~ 16	928
		“	109.4	105.0	22.5	526
		“	109.10	105.1	16	vol. % 826
8476	C ₈ H ₁₈	3,3-Dimethylhexane	111.97	107.1	17	vol. % 826
		“	111.9		~ 17	928
8477	C ₈ H ₁₈	3-Ethyl-3-methylpentane			~ 24	928
		“	118.26	111.7	23	vol. % 826
8478	C ₈ H ₁₈	Octane	125.75	122.5	33.6	v-l 673
		“	125.75	116.0	38	569
		“	125.75		~ 28	928
8479	C ₈ H ₁₈ O	Butyl ether	141	127.0	50	129
8480	C ₈ H ₁₈ O	Isobutyl ether	122.3	119.0	33	526
8481	C ₉ H ₈	Indene	182.8	Nonazeotrope		575
8482	C ₉ H ₁₂	Cumene	152.8	133.2	67	527
8483	C ₉ H ₁₂	<i>o</i> -Ethyltoluene			~ 92	928
		“	165.15	135.0	91	vol. % 826
8484	C ₉ H ₁₂	Mesitylene, 735 mm.	163.4	133.7	85.7	v-l 455
		“	164.6	Nonazeotrope		575
8485	C ₉ H ₁₂	Propylbenzene	159.3	134.6	80	526

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₉H₁₀O₂	2-Ethoxyethanol (continued)	135.3			
					~ 77	928
8486	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		575
8487	C ₉ H ₁₈	Butylcyclopentane	156.56	130.3	61 vol. %	826
8488	C ₉ H ₁₈	Isobutylcyclopentane	147.6	127.4	49 vol. %	826
8489	C ₉ H ₁₈	Isopropylcyclohexane	154.5	129.5	56 vol. %	826
8490	C ₉ H ₁₈	1-Nonene	146.87	128.1	48 vol. %	826
8491	C ₉ H ₁₈	Propylcyclohexane	156.72	130.2	59 vol. %	826
8492	C ₉ H ₂₀	3,3-Diethylpentane	146.17	126.4	45 vol. %	826
		"			~ 45	928
8493	C ₉ H ₂₀	<i>n</i> -Nonane	150.7		~ 51	928
		"	150.8	128.0	50 vol. %	826
8494	C ₉ H ₂₀	2,2,3,3-Tetramethylpentane	140.27	124.1	40 vol. %	826
		"			~ 39	928
8495	C ₉ H ₂₀	2,2,4,4-Tetramethylpentane			~ 24	928
		"	122.28	114.3	26 vol. %	826
8496	C ₉ H ₂₀	2,3,3,4-Tetramethylpentane	141.55	124.6	41 vol. %	826
		"			~ 42	928
8497	C ₉ H ₂₀	2,2,3-Trimethylhexane	133.60	120.8	34 vol. %	826
8498	C ₉ H ₂₀	2,2,4-Trimethylhexane	126.54	116.8	26 vol. %	826
8499	C ₉ H ₂₀	2,3,3-Trimethylhexane	137.68	122.8	41 vol. %	826
8500	C ₉ H ₂₀	2,3,5-Trimethylhexane	131.34	119.5	32 vol. %	826
8501	C ₉ H ₂₀	2,4,4-Trimethylhexane	130.65	119.1	34 vol. %	826, 928
8502	C ₉ H ₂₀	3,3,4-Trimethylhexane	140.46	124.0	40 vol. %	826
8503	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		556
8504	C ₁₀ H ₁₆	Camphene	159.6	131.0	65	526
8505	C ₁₀ H ₁₆	Nopinene	163.8	< 133.0		575
8506	C ₁₀ H ₁₆	α -Pinene	155.8	< 131.0	57	575
8507	C ₁₀ H ₁₆	α -Terpinene	173.4	< 135.0	< 87	575
8508	C ₁₀ H ₁₈ O	Cineol	176.35	Nonazeotrope		575
8509	C ₁₀ H ₂₀	<i>tert</i> -Butylcyclohexane	171.5	133.3	73 vol. %	826
8510	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	130.8	63	556
8511	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		575
A =	C₇H₁₀O₂	1-Methoxy-2-propanol	118			
8512	C ₇ H ₈	Toluene	110.7	106.5	30	215
A =	C₇H₁₀O₃	Diethylene Glycol	245.5			
8513	C ₃ H ₁₂ O ₃	2-(2-Methoxyethoxy) ethanol	193.6	Nonazeotrope		981
8514	C ₆ H ₄ Br ₂	<i>p</i> -Dibromobenzene	220.25	212.85	13	527
8515	C ₆ H ₄ ClNO ₂	<i>m</i> -Chloronitrobenzene	235.5	228.2	32	554
8516	C ₆ H ₄ ClNO ₂	<i>o</i> -Chloronitrobenzene	246.0	233.5	41	554
8517	C ₆ H ₄ ClNO ₂	<i>p</i> -Chloronitrobenzene	239.1	229.5	34	527
8518	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	210.0	10	527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₆H₁₀O₃	Diethylene Glycol	245.5			
		<i>(continued)</i>				
8519	C ₆ H ₅ NO ₃	<i>o</i> -Nitrophenol	217.2	216.0	10.5	527
8520	C ₆ H ₆	Benzene	80.1	Nonazeotrope		981
8521	C ₆ H ₆ O ₂	Pyrocatechol	245.9	259.5	46	569
8522	C ₆ H ₈ O ₄	Methyl fumarate	193.25	Nonazeotrope		526
8523	C ₆ H ₈ O ₄	Methyl maleate	204.05	Nonazeotrope		526
8524	C ₆ H ₁₂ O ₃	2-(2-Vinyloxyethoxy) ethanol		Min. b.p.		263
8525	C ₆ H ₁₄ O ₃	2-(2-Ethoxyethoxy) ethanol	202.8	Nonazeotrope		981
8526	C ₆ H ₁₄ O ₄	Triethylene glycol, 3 mm.		Nonazeotrope	v-l	183
8527	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	211.0	25	575
8528	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	224.2	25	554
8529	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	218.2	71.5	527
8530	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	228.75	35	527
8531	C ₇ H ₈	Toluene	130°	Nonazeotrope	v-l	88
		"	100°		v-l	883
		"	50°		v-l	883
8532	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		526
8533	C ₇ H ₈ O	<i>m</i> -Cresol	202.4	Nonazeotrope	v-l	730
8534	C ₇ H ₈ O	<i>p</i> -Cresol	202.0	Nonazeotrope	v-l	730
8535	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	Reacts		526
8536	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy) ethoxy]-ethanol	245.25	245.0	22	527
8537	C ₈ H ₇ N	Indole	253	Azeo. distillation		330
8538	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		552
8539	C ₈ H ₈ O ₂	Anisaldehyde	249.5	< 244		575
8540	C ₈ H ₈ O ₂	Benzyl formate	202.3	Nonazeotrope		526
8541	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		526
8542	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		575
8543	C ₈ H ₈ O ₃	Methyl salicylate	222.95	220.55	16	527
8544	C ₈ H ₈ BrO	<i>p</i> -Bromophenetole	234.2	222.0	32	575
8545	C ₈ H ₁₀	Ethylbenzene	136.15	Azeo. distillation		330
8546	C ₈ H ₁₀	<i>o</i> -Xylene	150°		v-l	883
		"	125°		v-l	883
		"	100°		v-l	883
8547	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	Azeo. distillation		330
8548	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		526
8549	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		556
8550	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	< 244.5		575
8551	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	< 225.0	<18	575
8552	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	< 232.0	>52	575
8553	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	217.1	10	527
8554	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	222.65	10.0	527
8555	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	Reacts		526
8556	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy) ethanol, 10 mm.	109	Nonazeotrope		981

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₀O₃	Diethylene Glycol	245.5			
		(continued)				
8557	C ₈ H ₁₈ O ₄	2-[2-(2-Ethoxyethoxy)ethoxy]ethanol,				
		2 mm.	98	87	43	982
		3 mm.		135	83.4	183
8558	C ₉ H ₇ N	Quinoline	237.3	233.6	29	527
8559	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	214.85	7	527
8560	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	211.65	10	527
8561	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	225.15	30	569
8562	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		575
8563	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		526
8564	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.2	240.8	59.5	527
8565	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	234.1	47	527
8566	C ₁₀ H ₈	Naphthalene	218.0	212.6	22.0	527
		"	218.1	Azeo. distillation		330
8567	C ₁₀ H ₈ O	1-Naphthol	288.5	Nonazeotrope		556
8568	C ₁₀ H ₉ N	Quinaldine	246.5	< 241.0		575
8569	C ₁₀ H ₁₀ O ₂	Isosafrol	252.0	233.5	46	526
8570	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	240.0	63	527
8571	C ₁₀ H ₁₀ O ₂	Safrole	235.9	225.5	33	556
8572	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.7	245.4	96.3	556
8573	C ₁₀ H ₁₂ O	Anethole	235.7	210.0	20	567
8574	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	224.0	20	567
8575	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	222.7	26	556
8576	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		556
8577	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
8578	C ₁₀ H ₁₄ O	Carvacrol	237.85	236.0	27	526
8579	C ₁₀ H ₁₄ O	Thymol	232.9	232.25	13	527
8580	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
8581	C ₁₀ H ₁₈ O	α -Terpineol	218.85	217.45	13.5	527
8582	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		575
8583	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	227.0	45	526
8584	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	225.45	39	556
8585	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	244.5	85?	526
8586	C ₁₁ H ₁₄ OS	2-(Benzylmercapto)ethyl vinyl ether		Min. b.p.		953
8587	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	235.0	47	526
8588	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	232.2	43	556
8589	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	238.8	60	567
8590	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	228.65	37	556
8591	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	210.5	~ 19	575
8592	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	< 191.0	< 9	575
8593	C ₁₁ H ₂₀ O	Methyl α -Terpineol ether	216.2	210.5	20	567
8594	C ₁₂ H ₉ N	Carbazole, >10 mm.	294	Nonazeotrope		272
8595	C ₁₂ H ₁₀	Acenaphthene	277.9	239.6	62	527
8596	C ₁₂ H ₁₀	Biphenyl	256.1	232.65	48	527,330

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₁₀O₃	Diethylene Glycol	245.5			
		<i>(continued)</i>				
8597	C ₁₂ H ₁₀ O	Phenyl ether, 4 mm.	100		23	982
		"	259.0	234.4	49.5	527
8598	C ₁₂ H ₁₄ O ₄	Ethyl phthalate	297.5	Nonazeotrope		526
8599	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	236.55	52.5	527
8600	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		526
8601	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	210.0	22	526
8602	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	223.0	18	567
8603	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Reacts		526
8604	C ₁₂ H ₂₄ OS	2-(2-Ethylhexylthio) ethyl vinyl ether				
				Min. b.p.		953
8605	C ₁₂ H ₂₆ O	Hexyl ether, 50 mm.	137	129.9	15.5	982
8606	C ₁₃ H ₁₀	Fluorene, 10-760 mm.	294	Min. b.p.		272
		"	295.0	243.0	80	526
8607	C ₁₃ H ₁₂	Diphenylmethane	265.4	236.0	52	556
8608	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	241.5	80	575
8609	C ₁₄ H ₁₀	Phenanthrene, 20 mm.		146	93	272
		" 100 mm.		180	96.2	272
		" 200 mm.		203	98.5	272
		" 300 mm.		217	99.5	272
		" 400 mm.		226	99.9	272
8610	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	241.0	66	526
8611	C ₁₄ H ₁₄ O	Benzyl ether	297	< 243.8	>87	575
		" 5 mm.			40	982
8612	C ₁₆ H ₃₄ O	Bis(2-ethylhexyl) ether, 10 mm.	135	114		982
A =	C₄H₁₀S	1-Butanethiol	97.8			
8613	C ₄ H ₁₀ S	Ethyl sulfide	92.1	Nonazeotrope		575
8614	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		575
8615	C ₆ H ₆	Benzene	80.15	Nonazeotrope		566
8616	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		566
8617	C ₇ H ₈	Toluene	110.623	Nonazeotrope		202
8618	C ₇ H ₁₄	<i>cis</i> -1,2-Dimethylcyclo- pentane	99.53	96.35	48.0	202
8619	C ₇ H ₁₄	Ethylcyclopentane	103.45	97.76	72.15	202
8620	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethylcyclo- pentane	90.77	90.54	12.7	202
8621	C ₇ H ₁₄	Methylcyclohexane	100.934	97.00	58.2	202
8622	C ₇ H ₁₆	2,3-Dimethylpentane	89.79	59.53	15.1	202
8623	C ₇ H ₁₆	Heptane	98.428	95.45	49.4	202
8624	C ₇ H ₁₆	2-Methylhexane	90.05	89.74	15.4	202
8625	C ₇ H ₁₆	3-Methylhexane	91.95	91.20	22.8	202
8626	C ₈ H ₁₈	2,2-Dimethylhexane	106.843	98.01	78.8	202
8627	C ₈ H ₁₈	2,5-Dimethylhexane	109.106	98.22	88.0	202
8628	C ₈ H ₁₈	3,3-Dimethylhexane	111.927	98.56	97.6	202
8629	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.237	95.50	50.3	202
A =	C₄H₁₀S	2-Butanethiol	85.15			
8630	C ₄ H ₁₀ S	Isopropyl methyl sulfide	84.76	Nonazeotrope		205
8631	C ₆ H ₆	Benzene	80.103	Nonazeotrope		202

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₁₀S	2-Butanethiol (<i>continued</i>)	85.15			
8632	C ₆ H ₁₂	Cyclohexane	80.73 8	79.97	25.5	202
8633	C ₆ H ₁₂	Methylcyclopentane	71.81 2	Nonazeotrope		202
8634	C ₇ H ₁₄	1,1-Dimethylcyclopentane	87.84	83.90	64.1	202
8635	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethylcyclopentane	90.77	84.75	78.1	202
8636	C ₇ H ₁₆	2,2-Dimethylpentane	79.20 5	78.60	23.1	202
8637	C ₇ H ₁₆	2,3-Dimethylpentane	89.79	84.16	68.6	202
8638	C ₇ H ₁₆	2,4-Dimethylpentane	80.51	79.55	28.1	202
8639	C ₇ H ₁₆	Heptane	98.42 8	Nonazeotrope		202
8640	C ₇ H ₁₆	2-Methylhexane	90.05	84.30	72.1	202
8641	C ₇ H ₁₆	3-Methylhexane	91.95	84.70	80.8	202
A =	C₄H₁₀S	Ethyl Sulfide	92.1			
8642	C ₄ H ₁₀ S	2-Methyl-1-propanethiol	87.8	87.0	85	575
8643	C ₅ H ₅ N	Pyridine	115.4	Nonazeotrope		566
8644	C ₅ H ₇ N	1-Methyl pyrrol	112.8	Nonazeotrope		575
8645	C ₅ H ₁₀ O	Isovaleraldehyde	92.1	88.5	53	566
8646	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	78.0	70	566
8647	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		566
8648	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		548
8649	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	< 91.7	> 56	566
8650	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		548
8651	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
8652	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	85.9	35	566
8653	C ₆ H ₆	Benzene	80.2	Nonazeotrope		205,531
8654	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		205,531
8655	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		566
8656	C ₆ H ₁₄ O	Propyl ether	90.1	< 89.5	> 25	566
8657	C ₆ H ₁₄ O ₂	Acetal	104.5	Nonazeotrope		563
8658	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethylcyclopentane	90.80	88.89	41.0	205
8658	C ₇ H ₁₄	1,1-Dimethylcyclopentane	87.90	86.98	26.1	205
8660	C ₇ H ₁₄	Methylcyclohexane	101.05	92.10	94.5	205
		"	101.1	Nonazeotrope		531
8661	C ₇ H ₁₆	Heptane	98.4	< 91.8	> 78	566
8662	C ₇ H ₁₆	3-Methylhexane	91.60	89.19	48.3	205
8663	C ₇ H ₁₆	2,3-Dimethylpentane	89.90	87.93	38.6	205
8664	C ₇ H ₁₆	2,4-Dimethylpentane	80.55	80.53	2.26	205
8665	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.30	91.44	77.0	205
A =	C₇H₁₀S	Isopropyl Methyl Sulfide	84.76			
8666	C ₆ H ₁₂	Cyclohexane	80.85	79.76	30	205
8667	C ₆ H ₁₂	Methylcyclopentane	71.85	Nonazeotrope		205
8668	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethylcyclopentane	90.80	84.38	80.4	205

No.	Formula	B-Component		Azeotropic Data		
		Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₁₆S	Isopropyl Methyl Sulfide	84.76			
		<i>(continued)</i>				
8669	C ₇ H ₁₄	1,1-Dimethylcyclo-				
		pentane	87.90	83.62	64.9	205
8670	C ₇ H ₁₆	3-Methylhexane	91.60	84.38	82.4	205
8671	C ₇ H ₁₆	2,3-Dimethylpentane	89.90	83.83	72.8	205
8672	C ₇ H ₁₆	2,4-Dimethylpentane	80.55	79.39	29.7	205
8673	C ₇ H ₁₆	2,2-Dimethylpentane	79.20	78.40	23.3	205
A =	C₆H₁₀S	2-Methyl-1-propanethiol	88.72			
8674	C ₆ H ₆	Benzene	80.103	Nonazeotrope		202
8675	C ₆ H ₈	1,3-Cyclohexadiene	80.8	Reacts		563
8676	C ₆ H ₈	1,4-Cyclohexadiene	85.6	Reacts		563
8677	C ₆ H ₁₀	Cyclohexene	82.75	Reacts		563
8678	C ₆ H ₁₂	Cyclohexane	80.738	80.70	11.7	202
8679	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		575
8680	C ₇ H ₁₄	1,1-Dimethylcyclopentane	87.84	85.69	44.25	202
3681	C ₇ H ₁₄	<i>cis</i> -1,2-Dimethylcyclopentane	99.53	88.52	98.6	202
9682	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethyl-				
		cyclopentane	90.77	87.02	58.6	202
9683	C ₇ H ₁₄	Ethylcyclopentane	103.46	Nonazeotrope		202
3684	C ₇ H ₁₄	Methylcyclohexane	100.934	88.55	98.9	202
3685	C ₇ H ₁₆	2,2-Dimethylpentane	79.205	79.12	10.3	202
8686	C ₇ H ₁₆	2,3-Dimethylpentane	89.79	86.28	54.1	202
8687	C ₇ H ₁₆	2,4-Dimethylpentane	80.51	80.28	14.1	202
8688	C ₇ H ₁₆	Heptane	98.428	88.50	91.3	202
8689	C ₇ H ₁₆	3-Methylhexane	91.95	87.16	62.8	202
8690	C ₇ H ₁₆	2,2,3-Trimethylbutane	80.871	80.60	16.4	202
8691	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.237	88.41	90.0	202
A =	C₆H₁₀S	2-Methyl-2-propanethiol	64.35			
8692	C ₆ H ₁₂	Methylcyclopentane	71.812	63.37	95.3	202
8693	C ₆ H ₁₄	2,3-Dimethylbutane	57.990	57.82	21.1	202
8694	C ₆ H ₁₄	Hexane	68.742	63.78	75.8	202
8695	C ₆ H ₁₄	2-Methylpentane	60.274	59.55	30.4	202
8696	C ₆ H ₁₄	3-Methylpentane	63.284	61.51	46.5	202
A =	C₄H₁₀S	Methyl Propyl Sulfide	95.47			
8697	C ₇ H ₁₄	Ethylcyclopentane	103.45	95.41	90.7	205
8698	C ₇ H ₁₄	Methylcyclohexane	101.05	95.06	78.0	205
8699	C ₇ H ₁₄	<i>trans</i> -1,3-Dimethyl-				
		cyclopentane	90.80	90.11	24.3	205
8700	C ₇ H ₁₄	1,1-Dimethylcyclo-				
		pentane	87.90	87.66	9.7	205
8701	C ₇ H ₁₆	3-Methylhexane	91.60	90.53	32.95	205
8702	C ₇ H ₁₆	2,3-Dimethylpentane	89.90	89.10	22.75	205
8703	C ₈ H ₁₈	2,2-Dimethylhexane	106.85	95.42	94.4	205
8704	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.30	94.00	62.2	205
A =	C₄H₁₀S₂	Ethyl Disulfide	154.11			
8705	C ₉ H ₂₀	Nonane	150.65	148.62	41.2	205
8706	C ₁₀ H ₂₂	3-Ethyl-3-methyl-heptane	163.00	153.02	80.2	205

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.	
A =	C₄H₁₁N	Butylamine	77.8				
8707	C ₆ H ₁₂	Cyclohexane	80.75	76.5	60	551	
8707a	C ₆ H ₁₂	1-Hexene 60°C.		Nonazeotrope	v-l	406c	
8708	C ₆ H ₁₂	Methylcyclopentane	72.0	< 77.5		551	
8708a	C ₆ H ₁₄	Hexane 617 mm.		60	22	v-l 406c	
A =	C₅H₁₁N	Diethylamine	55.9				
8709	C ₅ H ₁₀	2-Methyl-2-butene	37.1	Nonazeotrope		551	
8710	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		551	
8711	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		551	
8712	C ₅ H ₁₂ O	Ethyl propyl ether	63.85	Nonazeotrope		551	
8713	C ₆ H ₁₀	Biallyl	60.1	< 55.5		551	
8713a	C ₆ H ₁₂	1-Hexene 60°C.		Nonazeotrope	v-l	406c	
8714	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		551	
8715	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	< 55.0	< 62	551	
8716	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope	v-l	406c, 551	
8716	C ₆ H ₁₄	<i>n</i> -Hexane	68.8	Nonazeotrope		551	
8717	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		981	
8718	C ₆ H ₁₅ NO	2-(Diethylamino) ethanol	162.1	Nonazeotrope		981	
A =	C₄H₁₁N	Isobutylamine	68.0				
8719	C ₅ H ₁₀	Cyclopentane	49.3	Nonazeotrope		551	
8720	C ₅ H ₁₀ O	3-Methyl-2-butanone	95.4	Nonazeotrope		551	
8721	C ₅ H ₁₂	<i>n</i> -Pentane	36.15	Nonazeotrope		551	
8722	C ₆ H ₆	Benzene	80.15	Nonazeotrope		551	
8723	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		551	
8724	C ₆ H ₁₂	Methylcyclopentane	72.0	< 67.6	> 59	575	
8725	C ₆ H ₁₄	<i>n</i> -Hexane	68.8	< 66.5	> 52	551	
A =	C₄H₁₁NO	2-Amino-2-methyl-1-propanol	165.4				
8726	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	59.0	46	51	
A =	C₄H₁₁NO	2-Dimethylaminoethanol	134.6				
8727	C ₈ H ₆	Phenylacetylene	142	min. b.pt.		244	
8728	C ₈ H ₈	Styrene	144.7	"		244	
8729	C ₈ H ₁₀	Ethylbenzene	136.2	"		244	
8730	C ₈ H ₁₀	<i>o,m,p</i> -Xylenes	140	"		244	
A =	C₄H₁₁NO₂	2,2'-Iminodiethanol	268.0				
8731	C ₆ H ₁₅ NO ₂	2,2'-Iminodiethanol 2,2',2''-Nitrilo- triethanol 2 mm.	195	Nonazeotrope		981	
8732	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	< 246.0		575	
8733	C ₁₀ H ₁₇ N	<i>N,N</i> -Diethylaniline	217.05	Nonazeotrope		575	
8734	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxy- benzene	254.7	< 247.0		575	
8735	C ₁₂ H ₁₀ O	Phenyl ether	259.0	< 250.0		575	
A =	C₄H₁₁PO₃	Diethylphosphite					
8736	C ₅ H ₉ NO	α -Hydroxyvaleronitrile 4 mm.		90	33.8	24	
8737	C ₇ H ₉ O	<i>tert</i> -Amyl alcohol	102.25	Nonazeotrope		24	
8738	C ₆ H ₁₇ O	Hexyl alcohol 8 mm		63	57.5	24	

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₄H₁₁PO₃	Diethylphosphite (<i>continued</i>)				
8739	C ₇ H ₁₁ NO	α-Hydroxycyclohexane-nitrile 1.5 mm		92	15.1	24
A =	C₄H₁₀SiO₄	Methyl Silicate	121.8			
8740	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	<121.3		557
A =	C₅Cl₂F₆	1,2-Dichlorohexa-fluorocyclopentene	90.6			
8741	C ₅ F ₁₆ O	Perfluorocyclic oxide	102.6	90.4	80	v-l 1041
A =	C₅F₁₀	Perfluorocyclopentane				
8742	C ₅ F ₁₂	Perfluoropentane, 9.6°-25° C.		Nonazeotrope		v-l 695
8743	C ₆ F ₁₄	Perfluorohexane 15°-25° C.		Nonazeotrope		v-l 695
A =	C₃H₄F₈O	2,2,3,3,4,4,5,5-Octafluoro-1-pentanol				
8744	C ₇ H ₁₄ O	Active amyl alcohol	128.5	Nonazeotrope		958
8745	C ₈ H ₁₂ O	Isoamyl alcohol	132.0	Nonazeotrope		958
A =	C₅H₄O₂	2-Furaldehyde	161.45			
8746	C ₅ H ₆ O ₂	Furfuryl alcohol 25 mm.	169	Nonazeotrope Nonazeotrope		v-l 220 v-l 1028
8747	C ₅ H ₈ O ₃	Methyl acetoacetate	~ 169.5	Reacts		563
8748	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		542
8749	C ₅ H ₁₀ O ₃	Ethyl lactate	154.1	Nonazeotrope		575
8750	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		575
8751	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		527
8752	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.6	146.5	~ 15	548
8753	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	151.1	14	527
8754	C ₅ H ₁₂ O ₃	2-(2-Methoxyethoxy)ethanol	192.95	Nonazeotrope		575
8755	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	161.0	78	527
8766	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.35	160.3	63.5	527
8757	C ₆ H ₅ Br	Bromobenzene	156.1	153.3	23	556
8758	C ₆ H ₅ Cl	Chlorobenzene	132.0	Nonazeotrope		527
8759	C ₆ H ₅ I	Iodobenzene	188.45	Nonazeotrope		527
8760	C ₆ H ₆	Benzene	80.1	Nonazeotrope		v-l 163,961
8761	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		563
8762	C ₆ H ₁₀ O	Cyclohexanone	155.6	Nonazeotrope		538
8763	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		v-l 163,961
8764	C ₆ H ₁₂ O	Cyclohexanol	160.7	156.5	5.5	527
8765	C ₆ H ₁₂ O ₂	Methyl isovalerate	155.8	Nonazeotrope		563
8766	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		527
8767	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	Nonazeotrope		575
8768	C ₆ H ₁₄ O	Hexyl alcohol	157.85	154.1	44	564
8769	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	161.2	88	527
8770	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		556

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₈O₂	2-Furaldehyde (continued)	161.45			
8771	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	< 161.3	> 80	527
		"	181.45	Nonazeotrope		532
8772	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	Nonazeotrope		532
8773	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	155.4	35	527
8774	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	157.2	42	527
8775	C ₇ H ₇ ClO	<i>m</i> -Chloroanisole	193.3	Nonazeotrope		575
8776	C ₇ H ₈	Toluene	110.75	Nonazeotrope		528
8777	C ₇ H ₈ O	Anisole	153.85	153.25	22	556
8778	C ₇ H ₁₄	Methylcyclohexane	101.05	100.8	4.1	v-1 317
8779	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	< 160.9	< 94	527
8780	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		527
8781	C ₇ H ₁₆	Heptane	98.40	98.3	5.3	v-1 317
8782	C ₈ H ₈	Styrene	145.8	< 145		527
8783	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		527
8784	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	138.4	12	531
8785	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	140.5	13	545
8786	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	138.0	5	545
8787	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	< 160.3	> 85	575
8788	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	161.35	89	564
8789	C ₈ H ₁₀ O	Phenetole	170.45	~ 161.0	~ 83	548
8790	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		545
8791	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		556
8792	C ₈ H ₁₆ O	2-Octanone	172.9	Nonazeotrope		545
8793	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		548
8794	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	< 159.5	> 52	575
8795	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	Nonazeotrope		532
8796	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		538
8797	C ₈ H ₁₈	Octane	125.8	Nonazeotrope		527
8788	C ₈ H ₁₈ O	Butyl ether	142.4	< 138.5	> 11	527
8789	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		527
8800	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		556
8801	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	< 161.3		575
8802	C ₉ H ₈	Indene	182.6	Nonazeotrope		527
8803	C ₉ H ₁₂	Cumene	152.8	148.5	27	527
8804	C ₉ H ₁₂	Mesitylene	164.6	155.2	60	556
8805	C ₉ H ₁₂	Pseudocumene	168.2	157.0	67	527
8806	C ₉ H ₁₂	Propylbenzene	159.2	151.4	42	527
8807	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		527
8808	C ₉ H ₁₂ O ₂	Butyl isovalerate	177.5	Nonazeotrope		575
8809	C ₉ H ₁₂ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		575
8810	C ₉ H ₁₂ O ₂	Isobutyl isovalerate	168.7	Nonazeotrope		532
8811	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		527
8812	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
		"	183.2	160.5	82	548
8813	C ₁₀ H ₁₄	Cymene	176.7	157.8	68	531

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₈O₂	2-Furaldehyde (<i>continued</i>)	161.45			
8814	C ₁₀ H ₁₆	Camphene	159.5	146.75	40	556
8815	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	155.95	35	529
8816	C ₁₀ H ₁₆	α -Pinene	155.8	143.4	38	556
8817	C ₁₀ H ₁₆	Nopinene	163.8	147.1	50	527
8818	C ₁₀ H ₁₆	α -Terpinene	173.3	155.0	60	527
8819	C ₁₀ H ₁₆	γ -Terpinene	183	< 160.0		575
8820	C ₁₀ H ₁₆	Terpinolene	185.2	159.5	80	527
8821	C ₁₀ H ₁₆	Thymene	179.7	158.5	72	531
8822	C ₁₀ H ₁₆	Dipentene	177.7	155.95	65	527
8823	C ₁₀ H ₁₈ O	Cineol	176.35	157.25	59	569
8824	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575
8825	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	< 147.0	< 48	527
8826	C ₁₀ H ₂₂ O	Amyl ether	187.5	< 158.5	> 83	527
8827	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	153.9	55	556
8828	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		575
8829	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		527
A =	C₅H₅N	Pyridine	115.4			
8830	C ₅ H ₁₀ O	2-Pentanone	102.35	Nonazeotrope		575
8831	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		553
8832	C ₅ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope		553
8833	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.0	Nonazeotrope		562
8834	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.3	< 114.5	> 60	548
8835	C ₅ H ₁₁ N	Piperidine	105.8	106.1	8	913,914
		"	106	105.8	3.4	413
8836	C ₅ H ₁₂ O	Amyl alcohol	138.2	Nonazeotrope		553
8837	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		553
8838	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
8839	C ₅ H ₁₂ O	3-Pentanol	116.0	117.4	45	533
8840	C ₆ H ₅ Cl	Chlorobenzene	132.0	Nonazeotrope		548
8841	C ₆ H ₆	Benzene	80.15	Nonazeotrope		553
8842	C ₆ H ₆ O	Phenol	181.4	183.10	13.1	v-1 791,27c
8843	C ₆ H ₇ N	2-Picoline	130.7	Nonazeotrope		575
8844	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		527
8845	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		566
8846	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		553
		"	80.7	Nonazeotrope	v-1	428
8847	C ₆ H ₁₂ O	Pinacoline	106.2	Nonazeotrope		553
8848	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		553
8849	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	114.9	60	527
8850	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		553
8851	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope?		548
8852	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		553
8853	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	114.5		553
8854	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	< 115.0	> 52	553
8855	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		553
8856	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		553

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₅N	Pyridine (continued)	115.4			
8857	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	< 114.5	< 72	553
8858	C ₇ H ₈	Toluene	110.75	110.15	22	553
		"		110.1	20.3	497
		"	110.8	110.1	22.2	v-l 393,1069
8859	C ₇ H ₁₄	Methylcyclohexane	100	Min. b.p.		553
8860	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	< 97.0	< 14	553
		"	98.40	95.60	25.3	1052,1071
		"	98.40	95	13.3	v-l 393
8861	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		1061
		"	136.15	Nonazeotrope		553
8862	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		553
8863	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		1070
8864	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	Nonazeotrope		307
8865	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	< 111.0		553
8866	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	< 105.5	< 40	553
8867	C ₈ H ₁₈	<i>n</i> -Octane	125.75	< 112.8	< 90	553
		"	125.75	109.5	56.1	1052
8868	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	95.75	23.4	553
8869	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		553
8870	C ₉ H ₂₀	Nonane	150.8	115.1	90	307
		"	150.7	115.1	89.9	1052
8871	C ₁₀ H ₈ N ₂	2,2'-Dipyridyl	274	Nonazeotrope		413
8872	C ₁₀ H ₂₂	Decane	173.3	Nonazeotrope		1052
A =	C₅H₆	Cyclopentadiene	41			
8872a	C ₅ H ₈	Isoprene	34.07	Nonazeotrope		581e
A =	C₅H₆O₂	Furfuryl Alcohol	169.35			
8873	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	< 149.6		560
8874	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	172.5	70	575
8875	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		575
8876	C ₆ H ₆ O	Phenol	182.2	187.0	30	567
8877	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		575
8878	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		575
8879	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
8880	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		575
8881	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	< 167.5	> 60	575
8882	C ₇ H ₈ O	Benzaldehyde	179.2	Nonazeotrope		575
8883	C ₇ H ₈ O	Anisole	153.85	153.3	10	545
8885	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	< 168.3		575
8885	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	168.5	82	575
8886	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	60.5	32	51
8887	C ₈ H ₁₀ O	Phenetole	170.45	165.0	46	545
8888	C ₉ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		575
8889	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	164.0	30	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₅H₆O₂	Furfuryl Alcohol (<i>continued</i>)	169.35			
8890	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		575
8891	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		575
8892	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		553
8893	C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		575
8894	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	165.7	50	545
A =	C₅H₆S	2-Methylthiophene	111.92			
8895	C ₇ H ₁₆	Heptane	98.40	97.77	2.2	205
8896	C ₈ H ₁₈	2-Methylheptane	117.70	109.97	67.8	205
8897	C ₈ H ₁₈	2,5-Dimethylhexane	109.15	106.12	39.6	205
8898	C ₈ H ₁₈	2,2-Dimethylhexane	106.85	104.62	33.2	205
A =	C₅H₆S	3-Methylthiophene	114.96			
8899	C ₇ H ₁₄	Ethylcyclopentane	103.45	102.82	3.9	205
8900	C ₇ H ₁₆	Heptane	98.40	Nonazeotrope		205
8901	C ₈ H ₁₆	<i>trans</i> -1,3-Dimethyl- cyclohexane	120.3	113.17	66	205
8902	C ₈ H ₁₆	1,1,2-Trimethylcyclo- pentane	113.75	110.47	43.2	205
8903	C ₈ H ₁₈	Octane	125.70	114.15	82	205
8904	C ₈ H ₁₈	2-Methylheptane	117.70	111.86	58.8	205
8905	C ₈ H ₁₈	2,5-Dimethylhexane	109.15	107.12	31.7	205
A =	C₅H₇N	2-Methylpyrrol	147.5			
8906	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		575
A =	C₅H₈	Cyclopentene	43.6			
8907	C ₅ H ₈	<i>cis</i> -Piperylene	43.6	43.2		178
		"			50 vol. %	1013
A =	C₅H₈	Isoprene	34.2			
8908	C ₅ H ₈	3-Methyl-1,2-butadiene	40.8	Nonazeotrope		563
8909	C ₅ H ₈	<i>trans</i> -Piperylene	42		9	1013
8910	C ₅ H ₁₀	Cyclopentane	49.4	Nonazeotrope		561
8911	C ₅ H ₁₀	2-Methyl-1-butene	32	Nonazeotrope		714
8912	C ₅ H ₁₀	2-Methyl-2-butene		Nonazeotrope		714
		"	37.1	34.0	86	561
8913	C ₅ H ₁₀	3-Methyl-1-butene	20.6	Nonazeotrope		561,714
8914	C ₅ H ₁₂	2-Methylbutane	27.95	< 27.7	> 8	561
		"	27.6	Nonazeotrope		714
8915	C ₅ H ₁₂	Pentane, 758 mm.	36	33.6	72.5	v-1 714
		"	36.15	33.8	90	561
8915a	C ₆ H ₁₂ O	<i>tert</i> -Butyl methyl ether	55	Nonazeotrope		581c
8916	C ₆ F ₁₅ N	Perfluorotriethylamine		30.2	45.5	717
A =	C₅H₈	3-Methyl-1,2-butadiene	40.8			
8917	C ₅ H ₁₀	2-Methyl-2-butene	37.15	Nonazeotrope		563
A =	C₆H₈	Piperylene	42.5			
8917a	C ₆ H ₈ NO	<i>N</i> -Methyl-2-pyrrolidinone 30°–40°C.		Nonazeotrope	v-1	347c

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₈Cl₄	Tetrachloropentane				
8918	C ₅ H ₁₂ Cl ₄	Tetrachloroheptane, 12-150 mm.		Nonazeotrope	v-l	718
A =	C₅H₈O	Cyclopentanone	130.65			
8919	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.5	Nonazeotrope		552
8920	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		552
8921	C ₅ H ₁₂ O	Active amyl alcohol	128.5	Nonazeotrope		958
8922	C ₅ H ₁₂ O	Isoamyl alcohol	131.85	127.8	60	v-l 233,234
		"	131.85	129.4		919
		"	131.85	Nonazeotrope		6
		"	131.9	< 130.0	> 58	527
8923	C ₅ H ₁₂ O	2-Methyl-1-butanol	128.9	127		233,234
		"	128.9	124.6		919
8924	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		552
8925	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		552
8926	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		552
8927	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		552
8928	C ₇ H ₈	Toluene	110.75	Nonazeotrope		552
8929	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		552
8930	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		552
8931	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	118.0	20	552
A =	C₅H₈O₂	Ethyl Acrylate	99.3			
8932	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		981
A =	C₈H₈O₂	Methyl Methacrylate	61.8/200 mm.			
8933	C ₈ H ₁₄ O ₂	Butyl methacrylate, 200 mm.	117.7	Nonazeotrope		413
8934	C ₈ H ₁₄ O ₃	2-Ethoxyethyl methacrylate, 200 mm.	134.3	Nonazeotrope		413
A =	C₅H₈O₃	2,4-Pentanedione	140.2			
8935	C ₅ H ₈ O ₂	Isopropenyl acetate	96.5	Nonazeotrope		413
8936	C ₅ H ₁₀ O	Cyclopentanol	140.85	< 135.5	> 68	552
8937	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	< 130.0	> 35	552
		"	131.8	Nonazeotrope		563
8938	C ₆ H ₅ Br	Bromobenzene	156.15	154.7	~ 10	563
8939	C ₆ H ₅ Cl	Chlorobenzene	131.8	Nonazeotrope		563
8940	C ₆ H ₅ I	Iodobenzene	188.55	~ 169	> 90	563
8941	C ₇ H ₇ Cl	α-Chlorotoluene	179.35	~ 167.5	80	563
8942	C ₇ H ₈	Toluene	110.75	Nonazeotrope		548
8943	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	136.4	45	552
8944	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		552
8945	C ₈ H ₁₀	Ethylbenzene	136.15	~ 135	~ 35	548
8946	C ₈ H ₁₈ O	Isobutyl ether	122.2	Nonazeotrope		548
A =	C₅H₈O₃	Ethyl Pyruvate	155.5			
8947	C ₆ H ₅ Br	Bromobenzene	156.1	149.5	48	552
8948	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		552
8949	C ₆ H ₁₀ O	Cyclohexanone	155.7	153.5		552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₅H₈O₃	Ethyl Pyruvate (continued)	155.5			
8950	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		552
8951	C ₈ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		575
8952	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		566
8953	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		552
8954	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	151.5	52	552
8955	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	153.2	58	552
8956	C ₇ H ₈ O	Anisole	153.85	148.0	50	552
8957	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		552
8958	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	< 145.5	> 23	552
8959	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		552
8960	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		575
8961	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	137.2	30	552
8962	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		552
8963	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
8964	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	153.0	67	552
8965	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	147.0	33	552
8966	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	< 151.8		552
8967	C ₈ H ₁₈ O	Butyl ether	142.4	140.4		552
8968	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		566
8969	C ₉ H ₁₂	Cumene	152.8	146.2	45	552
8970	C ₉ H ₁₂	Mesitylene	164.6	< 151.5		552
8971	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
8972	C ₁₀ H ₁₆	Camphene	159.6	< 148.0		552
8973	C ₁₀ H ₁₆	α -Pinene	155.8	< 147.0		552
8974	C ₁₀ H ₁₆ O	Cineol	176.35	Nonazeotrope		552
A =	C₈H₈O₃	Levulinic Acid	252			
8975	C ₆ H ₄ ClNO ₂	<i>p</i> -Chloronitrobenzene	239.1	Reacts		565
8976	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		552
8977	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	229.5	15	552
8978	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	221.55	4	552
8979	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	236.4	22	552
8980	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	Nonazeotrope		552
8981	C ₈ H ₈ O ₃	Methyl salicylate	222.95	222.75	6	552
8982	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		552
8983	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		552
8984	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	Nonazeotrope		552
8985	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	230.5	18	527,552
8986	C ₁₀ H ₈	Naphthalene	218.0	216.7	11	552
8987	C ₁₀ H ₁₀ O ₂	Safrol	235.9	232.5	17	527
8988	C ₁₀ H ₁₂ O	Anethole	235.7	232.0	22	552
8989	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	230.0	7	552
8990	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		552
8991	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		552
8992	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	237.0	36	552
8993	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	234.55	29	527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₉H₁₀O₃	Levulinic Acid (<i>continued</i>)	252			
8994	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	238.6	25	552
8995	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		552
8996	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	214.0	11	552
8997	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		552
A =	C₆H₈O₃	Methyl Acetoacetate	169.5			
8998	C ₅ H ₁₀ O ₂	Valeric acid	186.35	Nonazeotrope		552
8999	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	Nonazeotrope		575
9000	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	167.2	33	552
9001	C ₆ H ₅ Br	Bromobenzene	156.15	154.7	~ 10	563
9002	C ₆ H ₅ I	Iodobenzene	188.45	Nonazeotrope		575
9003	C ₆ H ₆ O	Phenol	181.5	Reacts		563
9004	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		552
9005	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		575
9006	C ₆ H ₁₂ O	Cyclohexanol	160.65	Azeotrope doubtful		563
9007	C ₇ H ₈ O	Benzaldehyde	179.2	Reacts		563
9008	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	~ 167.5	< 80	563
9009	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	< 158.2	> 16	552
9010	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	160.0	26	552
9011	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		552
9012	C ₈ H ₈	Styrene	145.8	< 145.0	27	552
9013	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethyl- benzene, 10 mm.	67.5	60.0	52	51
9014	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		552
9015	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	< 160.0	> 47	552
9016	C ₈ H ₁₀ O	Phenetole	170.45	< 163.5	> 55	552
9017	C ₈ H ₁₄ O	Methylheptenone	173.2	167.7		552
9018	C ₈ H ₁₆ O	2-Octanone	172.85	168.5		552
9019	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	164.0	55	552
9020	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	< 159.5	> 20	552
9021	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	< 156.5	> 5	575
9022	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		552
9023	C ₈ H ₁₆ O	Butyl ether	142.4	Nonazeotrope		552
9024	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	166.0	58	566
9025	C ₉ H ₁₂	Mesitylene	164.6	159.5	43	552
9026	C ₉ H ₁₂	Pseudocumene	169	~ 165		563
9027	C ₉ H ₁₈ O	2,6-Dimethyl-4- heptanone	168.0	< 166.8		552
9028	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	< 168.5	> 75	552
9029	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	165.0	60	552
9030	C ₁₀ H ₁₄	Cymene	176.7	165.0	56	552
9031	C ₁₀ H ₁₆	Camphene	159.6	152.8	40	552
9032	C ₁₀ H ₁₆	Dipentene	177.7	162.3	61	552
9033	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	162.7	61	563
9034	C ₁₀ H ₁₆	α -Phellandrene	171.5	~ 160		563
9035	C ₁₀ H ₁₆	α -Pinene	155.8	150.0	36	552
9036	C ₁₀ H ₁₆	Terpinene	180.5	< 165		563
9037	C ₁₀ H ₁₈	Menthene	170.8	160	52	563

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₆O₃	Methyl Acetoacetate	169.5			
		<i>(continued)</i>				
9038	C ₁₀ H ₁₈ O	Cineol	176.35	< 164.5	80	552
9039	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		552
9040	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		552
9041	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	160.5	60	552
A =	C₅H₈O₄	Methyl Malonate	181.4			
9042	C ₅ H ₁₀ O ₂	Isovaleric acid	176.5	< 180.5	<45	527
9043	C ₅ H ₁₀ O ₂	Valeric acid	186.35	< 180.5	<85	527
9044	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	173.0	46	562
9045	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	171.0	30	570
9046	C ₆ H ₅ Br	Bromobenzene	156.1	Min. b.p.		547
9047	C ₆ H ₅ I	Iodobenzene	188.55	178.0	30	547
9048	C ₆ H ₅ O	Phenol	181.5	Reacts		563
9049	C ₆ H ₇ N	Aniline	184.35	Reacts		563
9050	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		527
9051	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		527
9052	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	Nonazeotrope		549
9053	C ₆ H ₁₁ BrO ₂	Ethyl α -bromoisobutyrate	178	< 176.5	<40	563
9054	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	Nonazeotrope		575
9055	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
9056	C ₆ H ₁₃ Br	1-Bromohexane	156.5	Nonazeotrope		575
9057	C ₇ H ₇ Br	α -Bromotoluene	198.5	Nonazeotrope		575
9058	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	176.0	62	527
9059	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.4	174.45	44.5	529
9060	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	176.5	55	538
9061	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	~ 178		563
9062	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.15	Nonazeotrope		547
9063	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		547
9064	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		557
9065	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Reacts		563
9066	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		575
9067	C ₈ H ₈	Styrene	145.8	Nonazeotrope		575
9068	C ₈ H ₈ O	Acetophenone	202.0	201.0	39	552
9069	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		557
9070	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	< 174.8	40?	557
9071	C ₈ H ₁₀ O	Phenetole	171.5	169.9	23	557
9072	C ₈ H ₁₀ O ₂	Veratrole	206.8	Nonazeotrope		557
9083	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		552
9074	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	< 170.8	>12	575
9075	C ₈ H ₁₈ O	Octyl alcohol	195.15	Reacts		536
9076	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.5	Chem. action		563
9077	C ₈ H ₁₈ S	Butyl sulfide	185.0	176.2	50	566
9078	C ₉ H ₈	Indene	182.6	< 176.2	50?	562
9079	C ₉ H ₁₂	Mesitylene	164.6	162	>10	546
9080	C ₉ H ₁₂	Propylbenzene	158.9	< 159		546
9081	C ₉ H ₁₂	Pseudocumene	168.2	< 165.5	>20	546
9082	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	178.0	37	1051
9083	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	175.0	30	449

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₈O₄	Methyl Malonate (<i>continued</i>)	181.4			
9084	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	< 177.2	> 39	449
9085	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	< 170.5	> 17	449
9086	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
9087	C ₁₀ H ₁₄	Butylbenzene	183.2	173	52	546
9088	C ₁₀ H ₁₄	Cymene	176.7	169.0	40	546
9089	C ₁₀ H ₁₆	Camphene	159.6	154.6	26	529
9090	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	167.3	48	529
9091	C ₁₀ H ₁₆	Nopinene	164	158	28	546
9092	C ₁₀ H ₁₆	α -Pinene	155.8	151.5	~ 22	529
9093	C ₁₀ H ₁₆	α -Terpinene	173.3	167	< 45	546
9094	C ₁₀ H ₁₆	Terpinene	181.5	164.5	51	538
9095	C ₁₀ H ₁₆	Terpinolene	185.2	171.0	< 62	546
9096	C ₁₀ H ₁₆	Thymene	179.7	~ 169.0	50	537
9097	C ₁₀ H ₁₈	Menthene	170.8	164	37	546
9098	C ₁₀ H ₁₈ O	Cineol	176.35	169.1	40.5	557
9099	C ₁₀ H ₁₈ O	Linalool	198.6	Reacts		536
9100	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	< 180.8	> 75	549
9101	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	< 157	< 30	546
9102	C ₁₀ H ₂₂ O	Amyl ether	187.5	< 175.0	< 62	557
9103	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	165.5	35	557
9104	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	< 177.5	< 90	557
9105	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
A =	C₃H₈O₄	Propylene Glycol Diformate				
9106	C _n H _m	Hydrocarbons		Min. b.pt.		644
A =	C₃H₉ClO₂	Propyl Chloroacetate	163.5			
9107	C ₃ H ₁₀ O ₂	Isovaleric acid	176.5	Nonazeotrope		575
9108	C ₈ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		575
9109	C ₆ H ₁₂ O	Cyclohexanol	160.8	159.0	47	575
9110	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
9111	C ₆ H ₁₄ O	Hexyl alcohol	157.85	156.4	40	575
9112	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	< 158.5	< 35	575
9113	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	160.2	49	562
9114	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		575
9115	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		575
9116	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		575
9117	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		575
9118	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		575
9119	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	< 160.5	> 20	575
9120	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		575
9121	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
9122	C ₉ H ₁₂	Mesitylene	164.6	< 161.0	< 72	575
9123	C ₉ H ₁₂	Propylbenzene	159.3	157.0	40	562
9124	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		575
9125	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
9126	C ₁₀ H ₁₆	Camphene	159.6	156.2	42	562
9127	C ₁₀ H ₁₆	α -Pinene	155.8	154.0	25	562
9128	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₉N	Isovaleronitrile	130.5			
9129	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		575
9130	C ₆ H ₁₀	Ethylbenzene	136.15	126.3	60	562
9131	C ₈ H ₁₈ O	Isobutyl ether	122.3	115.5	24	562
A =	C₅H₉N	Valeronitrile	141.3			
9132	C ₅ H ₁₂ O	Amyl alcohol	138.2	< 136.5	< 42	565
9133	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		565
9134	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		565
9135	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		565
9136	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		565
9137	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		575
9138	C ₆ H ₁₄ S	Propyl sulfide	141.5	< 137.5		565
9139	C ₇ H ₈	Toluene	110.75	Nonazeotrope		565
9140	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	136.0	27	565
9141	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	< 136.5		565
9142	C ₈ H ₁₈ O	Butyl ether	142.4	< 130.5	> 42	562
9143	C ₈ H ₁₈ O	Isobutyl ether	122.3	119.0	10	575
9144	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		565
A =	C₅H₁₀	Amylene	37			
9145	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
9146	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		563
A =	C₅H₁₀	Cyclopentane	49.4			
9147	C ₅ H ₁₀	2-Methyl-2-butene	37.1	Nonazeotrope		561
9148	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		561
9149	C ₅ H ₁₂ O	Ethyl propyl ether	63.85	Nonazeotrope		558
9150	C ₆ H ₆	Benzene	80.1	Nonazeotrope		v-1 676
9151	C ₆ H ₁₀	Biallyl	60.1	Nonazeotrope		561
9152	C ₆ H ₁₄	2,2-Dimethylbutane	49.7	Nonazeotrope		788
		"	49.7	49.1	82.3	630
9153	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		561
A =	C₅H₁₀	2-Methyl-1-butene	31.1			
9154	C ₆ F ₁₅ N	Perfluorotriethylamine		28.8	50.7	717
A =	C₅H₁₀	2-Methyl-2-butene	37.15			
9155	C ₅ H ₁₂	2-Methylbutane	27.95	27.7?		563
9156	C ₅ H ₁₂	Pentane	36.15	35.5	~ 43	563
		"	36.15	Nonazeotrope		714
9157	C ₆ F ₁₅ N	Perfluorotriethylamine		34.5	45.8	717
A =	C₅H₁₀	3-Methyl-1-butene	22.5			
9158	C ₅ H ₁₂	2-Methylbutane	27.95	< 20.4	> 86	561
		"	27.6	Nonazeotrope		714
A =	C₅H₁₀O	Cyclopentanol	140.85			
9159	C ₅ H ₁₀ O ₃	Ethyl carbonate	126.5	125		567
9160	C ₅ H ₁₀ O ₃	Ethyl lactate	154.1	Nonazeotrope		575
9161	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	139.0	75	575
9162	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	< 120.2	> 5	575
9163	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		526
9164	C ₆ H ₅ Cl	Chlorobenzene	131.75	< 128.5	> 20	567

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₁₀O	Cyclopentanol (<i>continued</i>)	140.85			
9165	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
9166	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		575
9167	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		551
9168	C ₆ H ₇ N	2-Picoline	130.7	Nonazeotrope		575
9169	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		552
9170	C ₈ H ₁₀ S	Allyl sulfide	139.35	< 135.5	> 33	566
9171	C ₆ H ₁₁ N	Capronitrile	163.9	Nonazeotrope		575
9172	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
9173	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		575
9174	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		575
9175	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	Nonazeotrope		575
9176	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
9177	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	< 134.5	~ 15	575
9178	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	< 139.4	> 48	567
9179	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	136.5	28	567
9180	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	132.8	40	567
9181	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	132.2	38	575
9182	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	119.0	15	567
9183	C ₈ H ₁₈ O	Butyl ether	142.4	< 136.7	> 39	527
9184	C ₈ H ₁₈ O	Isobutyl ether	122.3	< 122.0	> 3	575
A =	C₅H₁₀O	Isovaleraldehyde	92.1			
9185	C ₅ H ₁₀ O	3-Pentanone	102.05	Nonazeotrope		552
9186	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	< 92.2	> 30	548
9187	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
9188	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		575
A =	C₅H₁₀O	3-Methyl-2-butanone	95.4			
9189	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		552
9190	C ₅ H ₁₀ O ₂	Isopropyl acetate	90.8	Nonazeotrope		548
9191	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		552
9192	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	95.0	65	552
9193	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	94.0	50	552
9194	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		575
9195	C ₆ H ₆	Benzene	80.15	Nonazeotrope		552
9196	C ₆ H ₁₂	Cyclohexane	80.75	78.5	15	552
		"	80.75		14.8	735
9197	C ₆ H ₁₅ N	Triethylamine	89.35	< 88.0		575
9198	C ₇ H ₁₆	Heptane	98.4	89.5	48	552
		"	98.4		48	735
A =	C₆H₁₀O	2-Methyl-3-buten-2-ol	97			
9198a	C ₆ H ₁₂ O	<i>tert</i> -Butyl methyl ether	55	Nonazeotrope		581c
9198b	C ₆ H ₁₀ O	Methyldihydropyran	118.5	Nonazeotrope		581c
9198c	C ₆ H ₁₂ O ₂	4,4-Dimethyl-1,3-dioxane	133.4	Nonazeotrope		581c
9198d	C ₆ H ₁₄	Hexane	68.8	67.2	9.3	581c
9198e	C ₆ H ₁₄ O	Isopropyl ether	69	Nonazeotrope		581c
A =	C₆H₁₀O	3-Methyl-2-buten-1-ol	140			
9198f	C ₆ H ₁₂ O ₂	4,4-Dimethyl-1,3-dioxane	133.4	Nonazeotrope		581c

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₀O	3-Methyl-3-buten-1-ol	130			
9198g	C ₈ H ₁₂ O ₃	4,4-Dimethyl-1,3-dioxane	133.4	129.5	76	581c
A =	C₅H₁₀O	2-Pentanone	102.25			
9199	C ₅ H ₁₀ O	3-Pentanone	102.2	Nonazeotrope		563
9200	C ₅ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope		552
9201	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		552
9202	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		552
9203	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	101.9	50	552
9204	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		552
9205	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	100.8	35	552
9206	C ₇ H ₁₁ NO ₂	Isoamyl nitrite	97.15	96.5	20	552
9207	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	100.9	58	552
9208	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
9209	C ₆ H ₁₂	Cyclohexane	80.75	79.8	5	552,735
9210	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		575
9211	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563
9212	C ₇ H ₁₄	Methylcyclohexane	101.15	95.2	40	552
9213	C ₇ H ₁₆	Heptane	98.4	93.2	34	552
A =	C₅H₁₀O	3-Pentanone	102.05			
9214	C ₅ H ₁₀ O ₂	Butyl formate	106.8	Nonazeotrope		552
9215	C ₅ H ₁₀ O ₂	Ethyl propionate	99.1	Nonazeotrope		552
9216	C ₅ H ₁₀ O ₂	Isobutyl formate	98.2	Nonazeotrope		552
9217	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	101.45	55	552
9218	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		552
9219	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	100.75	40	552
9220	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	98.5	25	552
9221	C ₅ H ₁₁ N	Piperidine	106.4	Nonazeotrope		575
9222	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	96.45	21	552
9223	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	100.7	60	552
9224	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
9225	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		552
9226	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		552
9227	C ₆ H ₆	Benzene	80.15	Nonazeotrope		552
9228	C ₆ H ₁₂	Cyclohexane	80.8	Nonazeotrope		548
9229	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		552
9230	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		552
9231	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		552
9232	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		552
9233	C ₆ H ₁₄ O ₂	Acetal	103.55	< 101.8	>75	552
9234	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		566
9235	C ₆ H ₁₅ N	Dipropylamine	109.2	< 101.0	>82	551
9236	C ₇ H ₈	Toluene	110.75	Nonazeotrope		552
9237	C ₇ H ₁₄	Methylcyclohexane	101.15	95.0	40	552,735
9238	C ₇ H ₁₆	Heptane	98.45	93.0	35	527,735
9239	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	100.5	83	552,735
9240	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	97.5	60	552,735
A =	C₅H₁₀O₂	Butyl Formate	106.8			
9241	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₁₀O₂	Butyl Formate (<i>continued</i>)	106.8			
9242	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		575
9243	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		575
9244	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	101.0	35	567
9245	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
9246	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		575
9247	C ₅ H ₁₂ O	3-Pentanol	116.0	< 106.5	< 98.5	575
9248	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
9249	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
9250	C ₆ H ₁₂ O	Pinacolone	106.2	106.0	38	552
9251	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		575
9252	C ₆ H ₁₁ O	Propyl ether	90.1	Nonazeotrope		557
9253	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		557
9254	C ₇ H ₈	Toluene	110.75	< 106.4	> 70	575
9255	C ₇ H ₁₄	Methylcyclohexane	101.15	96.0	35	562
9256	C ₇ H ₁₆	Heptane	98.45	90.7	40	538
9257	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		557
A =	C₅H₁₀O₂	Ethyl Propionate	99.15			
9258	C ₅ H ₁₀ O ₂	Isobutyl formate	97.9	Nonazeotrope		531
9259	C ₅ H ₁₀ O ₂	Methyl butyrate	102.65	Nonazeotrope		575
9260	C ₅ H ₁₀ O ₂	Propyl acetate	101.55	Nonazeotrope		563
9261	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	98.4	55	538
9262	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0	98	62	536
9263	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		575
9264	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
9265	C ₆ H ₁₂	Cyclohexane	80.8	Nonazeotrope		546
9266	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		552
9267	C ₆ H ₁₄	Hexane	69.0	Nonazeotrope		546
9268	C ₆ H ₁₁ O	Propyl ether	90.1	Nonazeotrope		557
9269	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		557
9270	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7	Nonazeotrope		557
9271	C ₇ H ₈	Toluene	110.7	Nonazeotrope		546
9272	C ₇ H ₁₄	Methylcyclohexane	101.1	94.5	~ 53	573
9273	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	93.0	47	527
9274	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	< 97.5	< 78	562
A =	C₅H₁₀O₂	Isobutyl Formate	98.2			
9275	C ₅ H ₁₀ O ₂	Methyl isobutyrate	92.5	Nonazeotrope		575
9276	C ₅ H ₁₀ O ₂	Propyl acetate	101.6	Nonazeotrope		575
9277	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	94.5	50	538
9278	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	95.5	43	549
9279	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	< 97.0	< 81	567
9280	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		557
9281	C ₆ H ₆	Benzene	80.2	Nonazeotrope		573
9282	C ₆ H ₁₂	Cyclohexane	80.8	80	< 20	546
9283	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		552
9284	C ₆ H ₁₄	Hexane	69.0	68.5	12	546
9285	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		557

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₈H₁₀O₂	Isobutyl Formate (<i>continued</i>)	98.2			
9286	C ₇ H ₈	Toluene	110.7	Azeotrope doubtful		563
9287	C ₇ H ₁₄	Methylcyclohexane	100.95	92.4	~ 57	572
9288	C ₈ H ₁₆	<i>n</i> -Heptane	98.45	< 90.5	< 50	527
9289	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	93.5	63	562
A =	C₈H₁₀O₂	Isopropyl Acetate	91.0			
9290	C ₈ H ₁₀ O ₂	Methyl isobutyrate	92.3	Nonazeotrope		531
9291	C ₈ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	Nonazeotrope		547
9292	C ₈ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		549
9293	C ₈ H ₁₂ O ₂	Diethoxymethane	87.95	< 87.6	< 42	575
9294	C ₆ H ₆	Benzene	80.2	Nonazeotrope		538
9295	C ₆ H ₈ O	2,5-Dimethylfuran	93.3	Nonazeotrope		981
9296	C ₆ H ₁₂	Cyclohexane	80.75	78.9	25	538
9297	C ₆ H ₁₄	Hexane	68.8	< 68.5	< 9	575
		"	69.0	Nonazeotrope		546
9298	C ₆ H ₁₄ O	Propyl ether	90.55	88.5	50	557
9299	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		548
9300	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
9301	C ₇ H ₁₄	Methylcyclohexane	101.1	89	78	546
9302	C ₇ H ₁₆	Heptane	98.45	87.5	67	538
9303	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	< 89.0	< 95	575
A =	C₈H₁₀O₂	Isovaleric Acid	176.5			
9304	C ₈ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		527
9305	C ₈ H ₁₁ I	1-Iodo-3-methylbutane	147.65	147.0	3	562
9306	C ₆ H ₃ Cl ₃	1,3,5-Trichlorobenzene	208.4	Nonazeotrope		542
9307	C ₆ H ₄ BrCl	<i>p</i> -Bromochlorobenzene	196.4	175.5	75	562
9308	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	171.2	42	527
9309	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.5	168.85	28	527
9310	C ₆ H ₅ Br	Bromobenzene	156.15	154.75	8	527
9311	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		527
9312	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	175.5	172		563
9313	C ₆ H ₅ I	Iodobenzene	188.55	174.0	~ 55	538
9314	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		527
9315	C ₆ H ₈ O ₄	Methyl fumarate	193.25	Nonazeotrope		527
9316	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		527
9317	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	176.1	77	527
9318	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		527
9319	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	176.3	84	570
9320	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	Nonazeotrope		527
9321	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		566
9322	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		527
9323	C ₆ H ₁₃ Br	1-Bromohexane	156.5	155.0	10	562
9324	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		575
9325	C ₇ H ₆ Cl ₂	α , α -Dichlorotoluene	205.2	Nonazeotrope		527
9326	C ₇ H ₆ O	Benzaldehyde	179.2	174.5	~ 68	541
9327	C ₇ H ₇ Br	α -Bromotoluene	198.5	175.2	72	562
		"	198.5	Nonazeotrope		563
9328	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	172.5	45	527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₁₀O₂	Isovaleric Acid (continued)	176.5			
9329	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	172.1	39.5	527
9330	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.2	173.0	48	555
9331	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	171.2	38	527
9332	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159	157.5	12	527
9333	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	161.3	160.0	15	527
9334	C ₇ H ₈	Toluene	110.95	Nonazeotrope		527
9335	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		527
9336	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
9337	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	190.5	Nonazeotrope		575
9338	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	178.0	66	527
9339	C ₈ H ₈	Styrene	145.8	145.2	8	575
9340	C ₈ H ₈ O ₂	Phenyl acetate	195.5	Nonazeotrope		563
9341	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		527
9342	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		527
9343	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	143.8	5	527
9344	C ₈ H ₁₀	<i>p</i> -Xylene	138	Nonazeotrope		527
9346	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	< 167.0	< 22	575
9345	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	172.0	45	562
9347	C ₈ H ₁₀ O	Phenetole	171.5	168.5	23	527
9348	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		552
9349	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		527
9350	C ₈ H ₁₆ O ₂	Isobutyl butyrate	157	Nonazeotrope		563
9351	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	Nonazeotrope		575
9352	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		527
9353	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		527
9354	C ₈ H ₁₈ S	Butyl sulfide	185	175	73	555
9355	C ₉ H ₈	Indene	183.0	173.0	60	527
9356	C ₉ H ₁₂	Cumene	152.8	152.0	12	527
9357	C ₉ H ₁₂	Mesitylene	164.6	162.5	19	527
9358	C ₉ H ₁₂	Propylbenzene	159.3	157.5	14	562
9359	C ₉ H ₁₂	Pseudocumene	168.2	165.7	23	541
9360	C ₉ H ₁₂ O	Phenyl propyl ether	190.2	Nonazeotrope		541
9361	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		527
9362	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		575
		"	178.5	176.1	70	538
9363	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		527
9364	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		527
9365	C ₁₀ H ₁₄	Butylbenzene	183.1	173.0	50	527
9366	C ₁₀ H ₁₄	Cymene	175.3	170.8	38	527
9367	C ₁₀ H ₁₆	Camphene	159.6	156.5	17	527
9368	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	168.9	41	563
9369	C ₁₀ H ₁₆	Nopinene	163.8	160.5	22	527
9370	C ₁₀ H ₁₆	α -Phellandrene	171.5	165	~ 35	563
9371	C ₁₀ H ₁₆	α -Pinene	155.8	154.2	11	527
9372	C ₁₀ H ₁₆	α -Terpinene	173.4	168.0	32	562

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₁₀O₂	Isovaleric Acid (continued)	176.5			
9373	C ₁₀ H ₁₆	γ-Terpinene	183	172.5	47	562
9374	C ₁₀ H ₁₆	Terpinene	180.5	170	~ 43	563
9375	C ₁₀ H ₁₆	Terpinolene	184.6	171.5	52	562
9376	C ₁₀ H ₁₆	Thymene	179.7	170.5	44	541
9377	C ₁₀ H ₁₈ O	Cineol	176.3	175.0	42.5	527
9378	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		527
9379	C ₁₀ H ₂₂	Decane	173.3	167.0	33	562
9380	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	158.0	20	527
9381	C ₁₀ H ₂₂ O	Amyl ether	187.5	< 175.0	< 70	527
9382	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	168.85	27	564
9383	C ₁₁ H ₂₀ O ₂	Isobornyl methyl ether	192.4	Nonazeotrope		575
9384	C ₁₂ H ₁₈	Triethylbenzene	215.5	Nonazeotrope		527
9385	C ₁₃ H ₂₈	Tridecane	234.0	Nonazeotrope		575
A =	C₃H₁₀O₂	Methyl Butyrate	102.65			
9386	C ₃ H ₁₀ O ₂	Propyl acetate	101.60	Nonazeotrope		549
9387	C ₃ H ₁₁ Cl	1-Chloro-3-methylbutane	99.4	Nonazeotrope		575
9388	C ₃ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0	~ 99	~ 57	563
9389	C ₅ H ₁₂ O	3-Pentanol	116.0	Nonazeotrope		575
9390	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
9391	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		552
9392	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		557
9393	C ₆ H ₁₄ O ₂	Acetal	103.55	102	~ 55	557
9394	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563
9395	C ₇ H ₁₄	Methylcyclohexane	101.1	97.0	45	546
9396	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	95.1	35	527
9397	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
9398	C ₈ H ₁₈	2,5-Dimethylhexane	109.2	100.0	< 75	546
9399	C ₈ H ₁₈	<i>n</i> -Octane	125.8	Nonazeotrope		546
A =	C₅H₁₀O₂	Methyl Isobutyrate	92.5			
9400	C ₅ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	Nonazeotrope		547
9401	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		549
9402	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		575
9403	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		527
9403	C ₆ H ₆	Benzene	80.2	Nonazeotrope		573
9405	C ₆ H ₁₂	Cyclohexane	80.75	~ 78.6	~ 12	573
9406	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575
9407	C ₆ H ₁₄	Hexane	69.0	Nonazeotrope		546
9408	C ₆ H ₁₄ O	Propyl ether	90.1	89.7	75	557
9409	C ₆ H ₁₄ O ₂	Acetal	104.5	Nonazeotrope		557
9410	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
9411	C ₇ H ₁₄	Methylcyclohexane	101.1	91	75	546
9412	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	89.7	65	527
A =	C₃H₁₀O₂	Propyl Acetate	101.6			
9413	C ₃ H ₁₁ Cl	1-Chloro-3-methylbutane	99.8	98.5	40	547
9414	C ₃ H ₁₁ NO ₂	Isoamyl nitrite	97.15	Nonazeotrope		550

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₁₀O₂	Propyl Acetate (continued)	101.6			
9415	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.0	99.5	58	536
9416	C ₅ H ₁₂ O	3-Pentanol	116.0			575
9417	C ₆ H ₆	Benzene	80.2			537
9418	C ₆ H ₁₂	Cyclohexane	80.75			537
9419	C ₆ H ₁₂ O	Pinacolone	106.2			552
9420	C ₆ H ₁₄	Hexane	69.0			546
9421	C ₆ H ₁₄ O	Propyl ether	90.55			557
9422	C ₆ H ₁₄ O ₂	Acetal	103.55	101.25	68	557
9423	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7			557
9424	C ₆ H ₁₄ S	Isopropyl sulfide	120.5			566
9425	C ₇ H ₈	Toluene	110.6			572
9426	C ₇ H ₁₄	Methylcyclohexane	101.15	95.45		571
9427	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	93.6		571
9428	C ₈ H ₁₈	Octane	125.8			546
A =	C₅H₁₀O₂	Tetrahydrofurfuryl Alcohol	72.1/10 mm.			
9429	C ₆ H ₉ Cl	<i>o,m,p</i> -Chloroethyl- benzene, 10 mm.	67.5	63.0	29.5	51
A =	C₇H₁₀O₂	Valeric Acid	186.35			
9430	C ₈ H ₁₁ I	1-Iodo-3-methylbutane	147.65			527
9430a	C ₈ H ₁₂ O ₂	3-Methyl-1,3- butanediol 3 mm.				581c
9431	C ₆ H ₄ Cl ₂	<i>o</i> -Dichlorobenzene	179.5	175.8	22	527
9432	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.6	171.8	14.7	564
9433	C ₆ H ₅ Br	Bromobenzene	156.1	155.65	3.5	564
9434	C ₆ H ₅ I	Iodobenzene	188.45	180.15	35	527
9435	C ₆ H ₆ O	Phenol	182.2			527
9436	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4			552
9437	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	182.5	37	569,570
9438	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	< 185.6	> 38	527
9438a	C ₆ H ₁₂ O ₂	4-Methyl-4-hydroxy-tet- rahydropyran 3 mm.				581c
9439	C ₆ H ₁₃ Br	1-Bromohexane	156.5	155.5	4.5	562
9440	C ₆ H ₁₄ S	Propyl sulfide	141.5			566
9441	C ₇ H ₆ O	Benzaldehyde	189.2	178.5		527
9442	C ₇ H ₆ O ₂	Salicylaldehyde	196.7			575
9443	C ₇ H ₇ Br	α -Bromotoluene	198.5	183.0	53	562
9444	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	178.55	25.5	527
9445	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	176.8	23	527
9446	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	179.2	32	562
9447	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	175.0	25	527
9448	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	158.5	5	527
9449	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	161.2	6	527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₅H₁₀O₂	Valeric Acid (continued)	186.35			
9450	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	184.5	80	575
9451	C ₇ H ₈ O	Anisole	153.8			527
9452	C ₇ H ₈ O	<i>o</i> -Cresol	191.1			527
9453	C ₇ H ₈ O	<i>p</i> -Cresol	201.7			527
9454	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	190.5	< 185.8		575
9455	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75			527
9456	C ₇ H ₁₅ NO	<i>N,N</i> -Dimethylvaleramide, 100 mm.	141	145.8	30.8	832
9456a	C ₇ H ₁₆	Heptane 50°-100°C.				v-1 591c
9457	C ₈ H ₈ O	Acetophenone	202.0			552
9458	C ₈ H ₁₀	<i>m</i> -Xylene	139.2			527
9459	C ₈ H ₁₀	<i>o</i> -Xylene	144.3			575
9460	C ₈ H ₁₀ O	Benzyl methyl ether	167.8			527
9461	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	< 176.0	< 22	562
9462	C ₈ H ₁₀ O	Phenetole	170.45			527
9463	C ₈ H ₁₆ O	2-Octanone	172.85			552
9464	C ₉ H ₈	Indene	182.6	178.5	30	562
9465	C ₉ H ₁₂	Mesitylene	164.6	164.0	10	527
9466	C ₉ H ₁₂	Propylbenzene	159.3	158.4	7	575
9467	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	180.5	40	562
9468	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	184.3	58	562
9469	C ₉ H ₁₄ O	Phorone	197.8			552
9470	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6			527
9471	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05			527
9472	C ₁₀ H ₈	Naphthalene	218.0	186.0	96	575
9473	C ₁₀ H ₁₄	Cymene	176.7	176.5	22	527
9474	C ₁₀ H ₁₆	Camphene	159.6	158.5	8	527
9475	C ₁₀ H ₁₆	Dipentene	177.7	173.4	27	527
9476	C ₁₀ H ₁₆	Nopinene	163.8	162.2	10	527
9477	C ₁₀ H ₁₆	α -Pinene	155.8	155.5	5?	575
9478	C ₁₀ H ₁₆	α -Terpinene	173.4	171.0	20	562
9479	C ₁₀ H ₁₆	γ -Terpinene	183	178.5	33	562
9480	C ₁₀ H ₁₆	Terpinolene	184.6	178.0	35	562
9481	C ₁₀ H ₁₈ O	Cineol	176.35	176.3	3	527
9482	C ₁₀ H ₁₈ O	Citronellal	208.0			575
9483	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7			527
9484	C ₁₀ H ₂₂ O	Amyl ether	187.5	181.5	45	527
9485	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	171.8	12.5	556
A =	C₅H₁₀O₃	Ethyl Carbonate	126.5			
9486	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6			526
9487	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	< 119.8	< 28	575
9488	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65			575
9489	C ₅ H ₁₁ I	2-Iodo-2-methylbutane	127.5	123.4	~ 50	563
9490	C ₅ H ₁₂ O	Amyl alcohol	138.2	< 125.5	< 96	575
9491	C ₅ H ₁₂ O	Isoamyl alcohol	131.8	125.3	73.5	527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₁₀O₃	Ethyl Carbonate (<i>continued</i>)	126.5			
9492	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		575
9493	C ₆ H ₁₀ O	Mesityl oxide	129.4	126.45	6	527
9494	C ₆ H ₁₀ S	Allyl sulfide	139.35	126.0	90	566
9495	C ₆ H ₁₂ O	2-Hexanone	127.2	125.7	65	552
9496	C ₆ H ₁₂ O	3-Hexanone	123.3	Nonazeotrope		552
9497	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		549
9498	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
9499	C ₆ H ₁₂ O ₃	Paraldehyde	124	Nonazeotrope		557
9500	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563
9501	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		575
9502	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		575
9503	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2	Nonazeotrope		557
9504	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		573
9505	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		527
9506	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	Nonazeotrope		575
9507	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	< 115.0	< 42	575
9508	C ₈ H ₁₈ O	Isobutyl ether	122.3	< 120.8	< 65	557
A =	C₅H₁₀O₃	Butylene Glycol Monoformate				
9509	C _n H _m	Hydrocarbons		Min. b.p.		618
A =	C₅H₁₀O₃	Ethyl Lactate	154.1			
9510	C ₅ H ₁₀ O ₃	2-Methoxyethyl acetate	144.6	Nonazeotrope		526
9511	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.6	~ 146.0	< 25	548
9512	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	146.7	33	562
9513	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
9514	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	151.33	5	526
9515	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.5	Nonazeotrope		538
9516	C ₆ H ₅ Br	Bromobenzene	156.1	149.7	53	572
9517	C ₆ H ₅ Cl	Chlorobenzene	132.0	Nonazeotrope		548
9518	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		542
9519	C ₆ H ₁₀ O	Cyclohexanone	155.7	153.7	66	552
9520	C ₆ H ₁₂ O	Cyclohexanol	160.7	153.75	~ 95	572
9521	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
9522	C ₆ H ₁₃ ClO ₂	Chloroacetal	157.4	~ 152.5	73	572
9523	C ₆ H ₁₄ O	Hexyl alcohol	157.95	153.6	82	541
9524	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		575
9525	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.15	152.0	~ 65	548
9526	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	~ 153.0		548
9527	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
9528	C ₇ H ₈ O	Anisole	153.85	150.1	55.5	556
9529	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
9530	C ₇ H ₁₄	Methylcyclohexane	101.45	Nonazeotrope		575
9531	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		575
9532	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		552
9533	C ₇ H ₁₄ O ₂	Methyl caproate	151.0	< 150.0	< 32	548
9534	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₁₀O₃	Ethyl Lactate (continued)	154.1			
9535	C ₈ H ₈	Styrene	145.8	140.5	25	548
		" 32 mm.			16 vol. %	342
9536	C ₈ H ₁₀	Ethylbenzene			~ 16 vol. %	342
9537	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	137.4	19.5	527
9538	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	140.2	30	567
9539	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	136.6	17	575
9540	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		556
9541	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
9542	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		548
9543	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	152.8	78	575
9544	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	151.5	62	527
9545	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	146.5	30	527
9546	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	150	~60	532,563
9547	C ₈ H ₁₈ O	Butyl ether	142.4	<141.5		575
9548	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
9549	C ₉ H ₁₂	Cumene	152.8	143.5	48	569
9550	C ₉ H ₁₂	Mesitylene	164.9	150.05	73	530
9551	C ₉ H ₁₂	Propylbenzene	159.2	147	58	548
9552	C ₉ H ₁₂	Pseudocumene	168.2	152.4	73	541
9553	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
9554	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
9555	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		538
9556	C ₁₀ H ₁₆	Camphene	159.5	144.95	55	528
9557	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		573
9558	C ₁₀ H ₁₆	Nopinene	163.8	147.3	62	567
9559	C ₁₀ H ₁₆	α -Pinene	155.8	143.1	49.8	528
		"	155.8	<152.0	<82	575
9560	C ₁₀ H ₁₆	Terpinolene	181.6	Nonazeotrope		575
9561	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		573
9562	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	146.0	60	573
A =	C₅H₁₀O₃	2-Methoxyethyl Acetate	144.6			
9563	C ₅ H ₁₁ Br	1-Bromo-3-methylbutane	120.65	Nonazeotrope		575
9564	C ₅ H ₁₁ I	1-Iodo-3-methylbutane	147.65	<141.5	<65	575
9565	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	144.4	87	559
9666	C ₅ H ₁₂ O	Amyl alcohol	138.2	<137.0		575
9567	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		575
9568	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
9569	C ₅ H ₁₂ O	2-Pentanol	119.8	Nonazeotrope		575
9570	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		556
9571	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		556
9572	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		556
9573	C ₆ H ₆ O	Phenol	182.2	183.6	18	556
9574	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		527
9575	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		526
9576	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		575
9577	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		575

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₅H₁₀O₃	2-Methoxyethyl Acetate	144.6			
		(continued)				
9578	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		575
9579	C ₆ H ₁₃ Br	1-Bromohexane	156.5	<144.2	<92	575
9580	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		526
9581	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		575
9582	C ₇ H ₈	Toluene	110.75	Nonazeotrope		556
9583	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		556
9584	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		575
9585	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		556
9586	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		526
9587	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	<144.0	>35	575
9588	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	<144.45	<92	575
9589	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		575
9590	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	143.8	70	526
9591	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	141.5	20	526
9592	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	<143.2	<68	575
9593	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75	143.45	51	527,556
9594	C ₈ H ₈	Styrene	145.8	143.0	61	562
9595	C ₈ H ₁₀	Ethylbenzene	136.15	135.5	15	526
9596	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	137.7	28	514,527
9597	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	141.5	50	526
9598	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	137.2	26	514,526
9599	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
9600	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		575
9601	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		575
9602	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		575
9603	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		575
9604	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		575
9605	C ₈ H ₁₈	Octane	125.75	<125.2	<11	575
9606	C ₈ H ₁₈ O	Butyl ether	142.4	138.0	30	526
9607	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		526
9608	C ₉ H ₁₂	Cumene	152.8	144.3	94	527
9609	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
9610	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		526
9611	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		575
9612	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		575
9613	C ₁₀ H ₁₆	Camphene	159.6	143.3	82	526
9614	C ₁₀ H ₁₆	Nopinene	163.8	143.5	83	575
9615	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
9616	C ₁₀ H ₁₆	α -Pinene	155.8	142.0	80	526
9617	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	142.5	80	562
A =	C₅H₁₁Br	1-Bromo-3-methylbutane	120.65			
9618	C ₅ H ₁₂ O	Amyl alcohol	138.2	118.2	85	567
9619	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		527
9620	C ₅ H ₁₂ O	Isoamyl alcohol	129.0	116.15	87.3	388,527
9621	C ₅ H ₁₂ O	2-Pentanol	119.8	<115.0	<74	527
9622	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₅H₁₁Br	1-Bromo-3-methylbutane	120.65			
		(continued)				
9623	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		527
9624	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		566
9625	C ₆ H ₁₂ O	3-Hexanone	123.3	119.8	45	552
9626	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	115.6	30	527
9627	C ₆ H ₁₂ O ₂	Butyl acetate	125.0	Nonazeotrope		527
9628	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	119.8	65	388,527
9629	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		547
9630	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	120.0	76	527
9631	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	117.2	<28	527
9632	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		547
9633	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	120.2	75	562
9634	C ₆ H ₁₂ O ₂	Paraldehyde	124	118.5	~24	563
9635	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	<118.9	<48	566
9636	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	117.7	38	527
9637	C ₇ H ₈	Toluene	109.5	Nonazeotrope		567
9638	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		527
9639	C ₇ H ₁₄ O ₂	Isoamyl acetate	137.5	Nonazeotrope		388
9640	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	119.5	60	547
9641	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<118.9	<60	527
9642	C ₈ H ₁₈	<i>n</i> -Octane	125.75	<120.2	<90	527
A =	C₃H₁₁Br	1-Bromopentane	130.0			
9643	C ₇ H ₈	Toluene	110.7	Nonazeotrope		813
A =	C₃H₁₁Cl	1-Chloro-3-methylbutane	99.4			
9644	C ₅ H ₁₁ NO ₂	Isoamyl nitrite	97.15	< 96.9	<20	550
9645	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.25	95.85	73.5	545
9646	C ₅ H ₁₂ O	Isoamyl alcohol	131.9	Nonazeotrope		527
9647	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		527
9648	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
9649	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		575
9650	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		548
9651	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		547
9652	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		559
9653	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		559
9654	C ₇ H ₁₄	Methylcyclohexane	101.15	98.0	64	562
9655	C ₇ H ₁₆	Heptane	98.4	96.5	52	527
9656	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		575
A =	C₅H₁₁I	1-Iodo-3-methylbutane	147.65			
9657	C ₅ H ₁₁ NO ₃	Isoamyl nitrate	149.75	<144.5	>57	560
9658	C ₅ H ₁₂ O	Isoamyl alcohol	128.9	127.3	48	388,527
9659	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	143.0		526
9660	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	176.8	Nonazeotrope		575
9661	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		542
9662	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		552
9663	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		527
9664	C ₆ H ₁₂ O	Cyclohexanol	160.65	147.0	~90	573
9665	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	<147.4		575

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₁₁I	1-Iodo-3-methylbutane	147.65			
		<i>(continued)</i>				
9666	C ₆ H ₁₄ O	Hexyl alcohol	157.85	145.2	87	567
9667	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		575
9668	C ₆ H ₁₄ O ₂	Pinacol	174.35	145.5	~90	575
9669	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		573
9670	C ₇ H ₁₄ O	4-Heptanone	143.55	143.0	35	552
9671	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		575
9672	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	141.7	~18	528
		"	137.5	Nonazeotrope		388
9673	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	145.9	60	562
9674	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		575
9675	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	<145.1	<30	575
9676	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	Nonazeotrope		546
9677	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		547
9678	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	<147.5	<70	575
9679	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		547
9680	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
9681	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		575
9682	C ₈ H ₈	Styrene	145.8	<145.0		575
9683	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		538
9684	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	Nonazeotrope		547
9685	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	146.5	58	538
9686	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		559
9687	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		575
9688	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
9689	C ₁₀ H ₁₆	α -Pinene	155.8	<147.4	>80	575
A =	C₅H₁₁N	Piperidine	106.4			
9690	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		575
9691	C ₇ H ₈	Toluene	110.7		Min. b.p.	516
9692	C ₇ H ₁₄	Methylcyclohexane	100		Min. b.p.	240
9693	C ₇ H ₁₆	Heptane	98.4	< 97.5	>9	575
A =	C₅H₁₁NO₂	Ethyl-N-Ethylaminoformate				
9694	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	167.0	24.2	555
9695	C ₈ H ₁₈ S	Isobutyl sulfide	172	166.5	23	555
A =	C₅H₁₁NO₂	Isoamyl Nitrite	97.15			
9696	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		527
9697	C ₆ H ₆	Benzene	80.15	Nonazeotrope		550
9698	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		550
9699	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		550
9700	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		552
9701	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		550
9702	C ₆ H ₁₄ O	Propyl ether	90.1	Nonazeotrope		550
9703	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		550
9704	C ₇ H ₈	Toluene	110.75	Nonazeotrope		550
9705	C ₇ H ₁₄	Methylcyclohexane	101.15	95.5	79	550

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₁₁NO₂	Isoamyl Nitrite (continued)	97.15			
9706	C ₇ H ₁₆	Heptane	98.4	94.8	52	550
9707	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		550
9708	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		550
9709	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		550
A =	C₅H₁₁NO₃	Isoamyl Nitrate	149.75			
9710	C ₅ H ₁₂ O ₂	2-Propoxyethanol	151.35	<143.5	>57	560
9711	C ₅ H ₁₂ O ₃	2-(2-Methoxyethoxy) ethanol	192.95	Nonazeotrope		560
9712	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		560
9713	C ₆ H ₁₂ O	Cyclohexanol	160.8	<148		560
9714	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		560
9715	C ₆ H ₁₃ Br	1-Bromohexane	156.5	<148.5	<80	560
9716	C ₆ H ₁₄ O	Hexyl alcohol	157.85	<148.0	>11	560
9717	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		556
9718	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		560
9719	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		547
9720	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		557
9721	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		560
9722	C ₇ H ₁₄ O ₂	Methyl caproate	149.8	148.5	55	549
9723	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		527
9724	C ₈ H ₈	Styrene	145.8	<145.6	<38	560
9725	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		527
9726	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		560
9727	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		549
9728	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	<147.5	<40	549
9729	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		560
9730	C ₉ H ₁₂	Propylbenzene	158.9	Nonazeotrope		546
9731	C ₉ H ₂₀ O ₂	Diisobutoxymethane	163.8	Nonazeotrope		557
9732	C ₁₀ H ₁₆	Camphene	159.6	149.0	72	560
9733	C ₁₀ H ₁₆	Nopinene	163.8	149.2	80	560
9734	C ₁₀ H ₁₆	α -Pinene	155.8	147.75	65	560
9735	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	<148.6	<83	560
A =	C₅H₁₂	2-Methylbutane	27.95			
9736	C ₅ H ₁₂	Pentane	36.15	Nonazeotrope		563
9737	C ₆ F ₁₅ N	Perfluorotriethylamine		26.5	64.0	717
9738	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		553
A =	C₅H₁₂	Pentane	36.15			
9739	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol	102.35	Nonazeotrope		575
9740	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
9741	C ₆ H ₆	Benzene	80.2	Nonazeotrope	v-1	163,675
9742	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope	v-1	677
9743	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope	v-1	163,677
9744	C ₇ F ₁₆	Perfluoroheptane, crit. region	82.5	176.3	23.1	v-1 430,431

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₁₂	Pentane (continued)	36.15			
9745	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope	v-l	163,677
A =	C₅H₁₂N₂O	Tetramethylurea	176.5			
9746	C ₆ H ₆ O	Phenol	181.4		48.2	596
		"		max. b.p.		596
A =	C₅H₁₂O	Amyl Alcohol	138.2			
9746a	C ₅ H ₁₂ O	Isoamyl alcohol 746 mm.		Nonazeotrope	v-l	213f
9747	C ₆ H ₅ Cl	Chlorobenzene	131.75	126.2	25	567
9748	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
		"	80.2	Nonazeotrope	v-l	1011
9749	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		575
9750	C ₆ H ₁₀ O	Methylcyclopentanone	138	Min. b.p.		233,234, 919
9751	C ₆ H ₁₀ S	Allyl sulfide	139.35	<134.5	>42	566
9752	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
9753	C ₆ H ₁₂ O ₂	Amyl formate	132	131.4	43	359
9754	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		527
9755	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		575
9756	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		575
9757	C ₆ H ₁₂ O ₃	Paraldehyde	123.9	Nonazeotrope		576
9758	C ₆ H ₁₄	Hexane	69.0	Nonazeotrope		813
9759	C ₈ H ₁₁ N ₂	2,5-Dimethylpiperazine	164	Nonazeotrope		981
9760	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
9761	C ₇ H ₁₄	Methylcyclohexane	101.15	<101.0		575
9762	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		548
9763	C ₇ H ₁₄ O ₂	Amyl acetate	148.8	Nonazeotrope		359
9764	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	<133.5	>19	575
9765	C ₈ H ₁₀	Ethylbenzene	136.15	129.8	40	567
		" 60 mm.	60.5	57.5	20	53
		"		129.57	39.5	v-l 587
9766	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	130.90	41.9	v-l 308c,567
9767	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	118.2	20	567
9768	C ₈ H ₁₈	C _c paraffins	120-130	Min. b.p.		919
9769	C ₈ H ₁₈	Octane	125.75	121.8		919
9770	C ₈ H ₁₈ O	Butyl ether	142.1	134.5	50	556
9771	C ₈ H ₁₈ O	Isobutyl ether	122.2	121.2	10	576
9772	C ₁₀ H ₂₀ O	Amyl ether	188	Nonazeotrope		760
9773	C ₁₁ H ₂₄ O ₂	Diamyloxymethane	221.6	Nonazeotrope		324
9774	C ₁₂ H ₂₆ O ₂	Acetaldehyde diamyl acetal	225.3	Nonazeotrope		45
A =	C₃H₁₂O	Active Amyl Alcohol	128.5			
9775	C ₅ H ₁₂ O	Isoamyl alcohol	131	Nonazeotrope	v-l	711
9776	C ₆ H ₅ Cl	Chlorobenzene	132	124.4	43	958
9777	C ₆ H ₅ FO	<i>o</i> -Fluorophenol		Nonazeotrope		958
9778	C ₆ H ₇ N	2-Picoline	129	132.8	49	958
9779	C ₆ H ₁₀ O	Mesityl oxide	129.5	Nonazeotrope		958
9780	C ₇ H ₇ F	<i>o</i> -Fluorotoluene	114	112.0	16	958

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₅H₁₂O	Active Amyl Alcohol	128.5			
		<i>(continued)</i>				
9781	C ₇ H ₈	Toluene	111	109.9	12	958
9782	C ₇ H ₉ N	2,6-Lutidine	144	Nonazeotrope		958
9783	C ₇ H ₁₄ O	2,4-Dimethyl- 3-pentanone	125	124.1	21	958
9784	C ₇ H ₁₅ N	1,2-Dimethylpiperidine	128	130.3		958
9785	C ₇ H ₁₅ N	2,6-Dimethylpiperidine	128	130.7	54	958
9786	C ₈ H ₁₀	Ethylbenzene	136	125.0	53	958
9787	C ₈ H ₁₈	<i>n</i> -Octane	126.0	117.0	34	958
9788	C ₉ H ₂₀	2,2,5-Trimethylhexane	124	115.5	29	958
A =	C₇H₁₂O	tert-Amyl Alcohol	102.35			
9789	C ₅ H ₁₂ O ₂	Diethoxymethane	87.95	Nonazeotrope		527
9790	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		575
9791	C ₆ H ₆	Benzene	80.2	~ 80.0	~ 15	537
		"	80.2	80.0	15	163
		"			4.95 v-1	773
		715 mm.				
9792	C ₆ H ₈	1,3-Cyclohexadiene	80.4	79.7	~15	541
9793	C ₆ H ₁₀	Cyclohexene	82.7	80.8	17	537
9794	C ₆ H ₁₂	Cyclohexane	80.75	78.5	16	537
9795	C ₆ H ₁₂	Methylcyclopentane	72.0	71.5	5	575
9796	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		575
9797	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		575
9798	C ₆ H ₁₄	Hexane	68.9	68.3	4	537
9799	C ₆ H ₁₄ O	Propyl ether	90.4	88.8	20	545
9800	C ₇ H ₈	Toluene	110.7	100.5	56	50,537
		"	110.7	100.5	56	163
		"			32.5 v-1	773
		715 mm.				
9801	C ₇ H ₁₄	Methylcyclohexane	100.8	92.0	40	50,571
9802	C ₇ H ₁₆	Heptane	98.45	92.2	26.5	545,571
9803	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		537
		60 mm.	60.5	45	83	53
9804	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		540
9805	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		575
9806	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	100.1	68	567
9807	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	97.0	50	567
9808	C ₈ H ₁₈	Octane	125.75	101.1	75	567
9809	C ₈ H ₁₈ O	Isobutyl ether	122.1	Min. b.p.		576
9810	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		537
A =	C₇H₁₂O	Ethyl Propyl Ether	63.6			
9811	C ₆ H ₁₀	Biallyl	60.1	< 60.0	> 5	558
9812	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		558
9813	C ₆ H ₁₄	2,3-Dimethylbutane	58.0	Nonazeotrope		558
9814	C ₆ H ₁₄	Hexane	68.85	Nonazeotrope		558
9815	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		551
A =	C₃H₁₂O	Isoamyl Alcohol	131.9			
9816	C ₃ H ₁₂ O ₂	2-Propoxyethanol	151.35	Nonazeotrope		527
9817	C ₅ H ₁₂ S	3-Methyl-1-butanethiol	116	115.6	22.89	487

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₅H₁₂O	Isoamyl Alcohol (<i>continued</i>)	131.9			
9818	C ₆ H ₅ Br	Bromobenzene	156.15	131.65	85	527
9819	C ₆ H ₅ Cl	Chlorobenzene	131.8	124.35	34	527
		"	132	123.9	38	958
9820	C ₆ H ₅ FO	<i>o</i> -Fluorophenol		Nonazeotrope		958
9821	C ₆ H ₆	Benzene	80.2	Nonazeotrope		1044
9822	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		527
9823	C ₆ H ₆ S	Benzenethiol	169.5	Nonazeotrope		575
9824	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		527
9825	C ₆ H ₇ N	2-Picoline	130.7	>132.5		575
		"	129	132.8	61	958
9826	C ₆ H ₇ N	3-Picoline	143.4	Nonazeotrope		575
9827	C ₆ H ₈	1,3-Cyclohexadiene	80.4	Nonazeotrope		575
9828	C ₆ H ₉ N	<i>N</i> -Ethylpyrrol	130.4	<129.0		575
9829	C ₆ H ₁₀	Cyclohexene	82.7	Nonazeotrope		537
9830	C ₆ H ₁₀ O	Mesityl oxide	129.45	129.15	24	552
		" "	129.5	Nonazeotrope		958
9831	C ₆ H ₁₀ S	Allyl sulfide	139.35	<131.5		527
9832	C ₆ H ₁₁ ClO ₂	Butyl choroacetate	181.9	Nonazeotrope		575
9833	C ₆ H ₁₁ N	Capronitrile	163.9	Nonazeotrope		575
9834	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		537
9835	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575
9836	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	Nonazeotrope		527
9837	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	125.85	17.5	527
9838	C ₆ H ₁₂ O ₂	Ethyl butyrate	120.6	Nonazeotrope		388
9839	C ₆ H ₁₂ O ₂	Isoamyl formate	124.2	123.6	25.5	359,527
9840	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		527
9841	C ₆ H ₁₂ O ₂	Propyl propionate	122.1	Nonazeotrope		532
9842	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		527
9843	C ₆ H ₁₂ O ₃	Paraldehyde	124	123.5	22	556
9844	C ₆ H ₁₄	2,3-Dimethylbutane	58	Nonazeotrope		575
9845	C ₆ H ₁₄	Hexane	68.95	Nonazeotrope		563
9846	C ₆ H ₁₄ S	Propyl sulfide	141.5	<130.5	<79	566
9847	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	Nonazeotrope		532
9847a	C ₇ H ₇ Cl	α -Chlorotoluene				
		20 mm.		Nonazeotrope		v-1 494f
		"	179	Nonazeotrope		v-1 494f
9848	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		527
9849	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		527
9850	C ₇ H _n	C ₇ hydrocarbons	95-120	Min b.p.		919
9851	C ₇ H ₇ F	<i>o</i> -Fluorotoluene	114	112.1	14	958
9852	C ₇ H ₈	Toluene	111	109.7	10	958,1069
		"	110.7			v-1 793
		" 690 mm.		107		v-1 793
		" 482 mm.		95		v-1 793
		" 295 mm.		80		v-1 793

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_8H_{18}O$	Isoamyl Alcohol (<i>continued</i>)	131.9			
		% alcohol decreases with decreasing press.				793
		"	110.7	Nonazeotrope		50,527, 834
9853	C_7H_8O	Anisole	153.85	Nonazeotrope		1048
9854	C_7H_9N	2,6-Lutidine, 70 mm.		Max. b.p.		958
		"	144	Nonazeotrope		958
9855	$C_7H_{13}ClO_2$	Isoamyl chloroacetate	195.2	Nonazeotrope		121
9856	C_7H_{14}	Methylcyclohexane	100.8	98.2	13	50,527
9857	$C_7H_{14}O$	2,4-Dimethyl-3-pentanone	125	124.5	8	958
9858	$C_7H_{14}O$	4-Heptanone	143.55	Nonazeotrope		527
9899	$C_7H_{14}O$	Isoamyl vinyl ether	112.6	112.1	12	882
9860	$C_7H_{14}O$	5-Methyl-2-hexanone	144.2	Nonazeotrope		527,552
9861	$C_7H_{14}O_2$	Ethyl isovalerate	134.7	130.5	58	527
9862	$C_7H_{14}O_2$	Ethyl valerate	145.45	Nonazeotrope		527
9863	$C_7H_{14}O_2$	Isoamyl acetate				
		20 mm.	52.8	51.4	40.8	v-1 496e
		"	142.2	130	89.7	v-1 496e
		"		130.8	98.7	498c
		"	137.5	129.1	97.4	567
		"	142	Nonazeotrope		359
9864	$C_7H_{14}O_2$	Isobutyl propionate	136.9	131.2	72	527
9865	$C_7H_{14}O_2$	Propyl butyrate	143	Nonazeotrope		527
9866	$C_7H_{14}O_2$	Propyl isobutyrate	134.0	130.2	53	527
9867	$C_7H_{15}N$	1,2-Dimethyl piperidine	128	132.5	81	958
9868	$C_7H_{15}N$	2,6-Dimethyl piperidine	128	132.6	76	958
9869	C_7H_{16}	Heptane	98.45	97.7	7	527
9870	C_8H_8	Styrene, 60 mm.	68	64.8	43	53
		"	145.8	128.5	63	537
9871	C_8H_{10}	Ethylbenzene,	136.15	125.9	49	539
		" 60 mm.	60.5	58.5	26	53
		"	136	125.7	49	958
9872	C_8H_{10}	<i>m</i> -Xylene	139	125-126	52	563,834
9873	C_8H_{10}	<i>o</i> -Xylene	142.6	127	>52	527,834
9874	C_8H_{10}	<i>p</i> -Xylene	138.2	125-126	52	541,834
9875	$C_8H_{10}O$	Benzyl methyl ether	167.8	Nonazeotrope		575
9876	$C_8H_{10}O$	Phenetole	170.45	Nonazeotrope		575
9877	C_8H_{16}	1,3-Dimethylcyclohexane	120.7	116.6	27	567
9878	C_8H_{16}	6-Methyl-1-heptene,				
		751 mm.		109	18	757
9879	$C_8H_{16}O_2$	Isoamyl propionate	160.7	Nonazeotrope		575
9880	C_8H_{18}	2,5-Dimethylhexane	109.4	107.6	15	567
9881	C_8H_{18}	Octane	125.8	120.0	35	545
		"	126	117.0	30	958
9882	C_8H_{18}	2,2,4-Trimethylpentane	99.3	99.0	5	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₈O	Isoamyl Alcohol (<i>continued</i>)	131.9			
9883	C ₆ H ₁₀ O	Butyl ether	142.1	129.8	65	527
9884	C ₈ H ₁₈ O	Isobutyl ether	122.1	119.8	22	527
9885	C ₉ H ₈	Indene	181.7	Nonazeotrope		537
9886	C ₉ H ₁₂	Cumene	152.8	131.6	94	537
9887	C ₉ H ₁₂	Mesitylene	164.0	Nonazeotrope		563
9888	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		527
9889	C ₉ H ₁₂	Pseudocumene	169	Nonazeotrope		563
9890	C ₉ H ₂₀	2,2,5-Trimethylhexane	124	116.0	26	958
9891	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
9892	C ₁₀ H ₁₄	Cymene	175.3	Nonazeotrope		563
9893	C ₁₀ H ₁₆	Camphene	159.6	130.9	24	527
9894	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		563
9895	C ₁₀ H ₁₆	α -Phellandrene	171.5	Nonazeotrope		563
9896	C ₁₀ H ₁₆	α -Pinene	155.8	130.7	74	527
9897	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		575
9898	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		537
9899	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	129.7	~85	537
9900	C ₁₀ H ₂₂ O	Isoamyl ether	171	Nonazeotrope		1033
9900a	C ₁₂ H ₁₈ O	Amyl benzyl ether				
		20 mm.		Nonazeotrope	v-l	494i
		"		Nonazeotrope	v-l	494i
9901	C ₁₂ H ₂₆ O ₂	Acetaldehyde diisoamyl acetal	213.6	Nonazeotrope		45
A =	C₃H₁₂O	2-Methyl-1-butanol	128.9			
9902	C ₇ H _n	C ₇ hydrocarbons	95-120	Min. b.p.		919
9903	C ₇ H ₈	Toluene	110.7	Min. b.p.		919
9904	C ₈ H ₈	Styrene, 60 mm.	68	60	52	53
9905	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	56	33	53
A =	C₃H₁₂O	3-Methyl-2-butanol	112.9			
9906	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
9907	C ₆ H ₁₀	Cyclohexene	82.75	< 82.5	> 3.5	575
9908	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		575
9909	C ₇ H ₈	Toluene	110.75	<105.8	>38	575
9910	C ₇ H ₁₄	Methylcyclohexane	101.15	97.0	25	567
9911	C ₇ H ₁₆	Heptane	98.4	95.0	23	567
9912	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	51	62	53
9913	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	<103.5	>32	575
A =	C₈H₁₂O	2-Pentanol	119.8			
9914	C ₆ H ₅ Cl	Chlorobenzene	131.75	<118.2	>55	567
9915	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
9916	C ₆ H ₇ N	2-Picoline	130.7	Nonazeotrope		575
9917	C ₆ H ₁₀	Cyclohexene	82.75	Nonazeotrope		575
9918	C ₈ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		527
9919	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
9920	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₅H₁₂O	2-Pentanol (<i>continued</i>)	119.8			
9921	C ₆ H ₁₂ O	2-Hexanone	127.2	Nonazeotrope		552
9922	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Quasi-azeotrope		527
9923	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	<118.5	>47	567
9924	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		575
9925	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	116.5	32	567
9926	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	<115.8	>20	575
9927	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	118.5	52	575
9928	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		575
9929	C ₆ H ₁₄ O	<i>tert</i> -Amyl methyl ether	86-7	Nonazeotrope		256
9930	C ₆ H ₁₄ O	<i>tert</i> -Butyl ethyl ether	73	Nonazeotrope		256
9931	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		566
9932	C ₇ H ₈	Toluene	110.75	107.0	28	567
9933	C ₇ H ₁₄	Methylcyclohexane	101.15	98.6	18	567
9934	C ₇ H ₁₆	Heptane	98.4	96.0	15	567
9935	C ₈ H ₈	Styrene, 60 mm.	68	60	69	53
9936	C ₈ H ₁₀	Ethylbenzene	136.15	118.0	67	483
		" 60 mm.	60.5	54	50	53
9937	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	118.3	70	575
9938	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<113.0	>38	567
9939	C ₈ H ₁₈	Octane	125.75	<114.8	<56	567
9940	C ₈ H ₁₈ O	Isobutyl ether	122.1	115.0	41	576
A =	C₅H₁₂O	3-Pentanol	116.0			
9941	C ₆ H ₆	Benzene	80.2	Nonazeotrope		537
9942	C ₆ H ₁₂	Cyclohexane	80.8	80.0	3	540
9943	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05	<115.0	>35	552
9944	C ₆ H ₁₄	Hexane	68.95	Nonazeotrope		537
9945	C ₆ H ₁₄ O	Propyl ether	90.4	Nonazeotrope		576
9946	C ₇ H ₈	Toluene	110.75	~ 106	~ 35	537
9947	C ₇ H ₁₄	Methylcyclohexane	101.1	97.4	23	537
9948	C ₇ H ₁₆	Heptane	98.4	96.0	20	567
9949	C ₈ H ₁₀	Ethylbenzene, 60 mm.	60.5	51	50	53
9950	C ₈ H ₁₈ O	Isobutyl ether	122.1	112		576
A =	C₅H₁₂O₂	Diethoxymethane	87.95			
9951	C ₆ H ₆	Benzene	80.15	Nonazeotrope		558
9952	C ₆ H ₁₂	Cyclohexane	80.75	80.1	17	527
9953	C ₆ H ₁₄	<i>n</i> -Hexane	68.8	Nonazeotrope		527
9954	C ₆ H ₁₄ O	Isopropyl ether	68.3	Nonazeotrope		575
9955	C ₆ H ₁₅ N	Triethylamine	89.35	< 86.8		551
9956	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		527
9957	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	87.8	96	558
A =	C₆H₁₂O₂	3-Methyl-1,3-butanediol				
9957a	C ₄ H ₁₂ O ₂	Caproic acid 4 mm.		Azeotropic		581c
A =	C₅H₁₂O₂	2-Propoxyethanol	151.35			
9958	C ₆ H ₄ Cl ₂	<i>p</i> -Dichlorobenzene	174.4	Nonazeotrope		556
9959	C ₆ H ₅ Br	Bromobenzene	156.1	148.2	48	556

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₁₂O₂	2-Propoxyethanol	(continued)	151.35		
9960	C ₆ H ₅ Cl	Chlorobenzene	131.75	Nonazeotrope		526
9961	C ₆ H ₅ I	Iodobenzene	188.45	Nonazeotrope		526
9962	C ₆ H ₆ O	Phenol	182.2	182.65	14	556
9963	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		551
9964	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		527
9965	C ₆ H ₁₀ S	Allyl sulfide	139.35	<137.5	<20	566
9966	C ₆ H ₁₁ N	Capronitrile	163.9	Nonazeotrope		575
9967	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		526
9968	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	Nonazeotrope		575
9969	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	151.25	87.5	556
9970	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	Nonazeotrope		556
9971	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	Nonazeotrope		575
9972	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		526
9973	C ₆ H ₁₄ O ₂	Pinacol	174.35	Nonazeotrope		575
9974	C ₆ H ₁₅ NO	2-Diethylaminoethanol	162.2	Nonazeotrope		551
9975	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		526
9976	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	149.5	60	526
9977	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	149.7	70	556
9978	C ₇ H ₈	Toluene	110.75	Nonazeotrope		526
9979	C ₇ H ₈ O	Anisole	153.85	148.15	58	527
9980	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		556
9981	C ₇ H ₉ N	Benzylamine	185.0	Nonazeotrope		551
9982	C ₇ H ₉ N	<i>N</i> -Methylaniline	196.25	Nonazeotrope		526
9983	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		552
9984	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		552
9985	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	<145.0	~ 20	575
9986	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		526
9987	C ₇ H ₁₄ O ₂	Ethyl valerate	145.75	144.0	22	556
9978	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		575
9989	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		527
9990	C ₈ H ₈	Styrene	145.8	140.5	37	567
9991	C ₈ H ₁₀	Ethylbenzene	136.15	134.5	20	556
9992	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	136.95	25.5	527
9993	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	140.5	35	526
9994	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	136.3	24	526
9995	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		526
9996	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		556
9997	C ₈ H ₁₁ N	<i>N</i> -Dimethylaniline	194.15	Nonazeotrope		575
9998	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	119.0	15	575
9999	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		526
10000	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	149.0	62	526
10001	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	147.5	65	567
10002	C ₈ H ₁₈	Octane	125.75	122.8	18	526
10003	C ₈ H ₁₈ O	Butyl ether	142.4	138.5	37	526

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₈O₂	2-Propoxyethanol (continued)	151.35			
10004	C ₈ H ₁₈ O	Isobutyl ether	122.3	<122.0		575
10005	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
10006	C ₉ H ₁₂	Cumene	152.8	147.0	50	526
10007	C ₉ H ₁₂	Mesitylene	164.6	149.4	68	526
10008	C ₉ H ₁₂	Propylbenzene	159.3	147.8	60	556
10009	C ₉ H ₁₂	Pseudocumene	168.2	150.2	82	575
10010	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
10011	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
10012	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
10013	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		556
10014	C ₁₀ H ₁₆	Camphene	159.6	144	52	526
10015	C ₁₀ H ₁₆	Dipentene	177.7	148.5	68	567
10016	C ₁₀ H ₁₆	α -Pinene	155.8	142.0	48	567
10017	C ₁₀ H ₁₆	α -Terpinene	173.4	148.0	65	567
10018	C ₁₀ H ₁₆	Terpinolene	184.6	<150.8		575
10019	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		556
10020	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	143.7	52	527
10021	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		575
10022	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	150.1	77	556
A =	C₅H₁₂O₃	2-(2-Methoxyethoxy)ethanol	192.95			
10023	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
10024	C ₆ H ₆	Phenol	182.2	199.65	61	556
10025	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		551
10026	C ₆ H ₈ O ₄	Methyl fumarate	193.25	185.5	44	526
10027	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		575
10028	C ₆ H ₁₀ O ₄	Glycol diacetate	186.0	181.5	30	567
10029	C ₆ H ₁₁ NO ₂	Nitrocyclohexane	205.3	<192.7		554
10030	C ₇ H ₇ N	Benzonitrile	191.1	<190.5		575
10031	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		554
10032	C ₇ H ₈ O	Benzyl alcohol	205.25	<192.5		575
10033	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	201.5	52	527
10034	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	208.0	30	526
10035	C ₇ H ₈ O ₂	Guaiacol	205.05	Nonazeotrope		526
10036	C ₇ H ₉ N	Benzylamine	185.0	Nonazeotrope		575
10037	C ₇ H ₉ N	Methylaniline	196.25	190.0	60	551
10038	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	190.5	187.0	55	575
10039	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	Nonazeotrope		575
10040	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)-ethoxy]ethanol	245.25	Nonazeotrope		575
10041	C ₈ H ₈ Cl ₂	<i>ar</i> -Dichlorostyrene,				
		" 15 mm.		86-90		155
		" 29 mm.		100-101		155
10042	C ₈ H ₈ O	Acetophenone	202.0	191.9	80	527
10043	C ₈ H ₈ O ₂	Methyl benzoate	199.4	188.8	50	526
10044	C ₈ H ₈ O ₂	Phenyl acetate	195.7	188.6	45	526

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₂O₃	2-(2-Methoxyvethoxy)ethanol	192.95			
		<i>(continued)</i>				
10045	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		575
10046	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		575
10047	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		575
10048	C ₈ H ₁₁ N	Dimethylaniline	194.15	184.85	49	551
10049	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		575
10050	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	Nonazeotrope		575
10051	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		553
10052	C ₉ H ₈	Indene	182.3	177.5	30	276,567
10053	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		575
10054	C ₉ H ₁₂	<i>m</i> -Ethyltoluene	161.3		~ 8	631
		"	161.31	160.9	13 vol. %	826
10055	C ₉ H ₁₂	<i>o</i> -Ethyltoluene	165.15	164.3	16 vol. %	826
		"	165.1		~ 16	928
10056	C ₉ H ₁₂	<i>p</i> -Ethyltoluene	162.0		~ 9	928
		"	161.99	161.4	9 vol. %	826
10057	C ₉ H ₁₂	Mesitylene	164.72	163.8	12 vol. %	826
		"	164.6	162.5	13	575,928
10058	C ₉ H ₁₂	Pseudocumene	168.2		~ 15	928
		"	169.35	167.9	21 vol. %	826
10059	C ₉ H ₁₂	1,2,3-Trimethylbenzene	176.08	173.4	26 vol. %	826
		"	176.1		~ 26	928
10060	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	< 183.2		575
10061	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	< 183.0		551
10062	C ₉ H ₁₃ N	Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		575
10063	C ₉ H ₁₄ O	Phorone	197.8	190.5	< 75	552
10064	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	176.55	22	527
10065	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	< 170.5		575
10066	C ₁₀ H ₈	Naphthalene	218.0	192.2	89	556
10067	C ₁₀ H ₁₄	Butylbenzene	183.1	178.5	33	526
		"	183.27	177.9	32 vol. %	826
10068	C ₁₀ H ₁₄	<i>sec</i> -Butylbenzene	173.30	170.7	16 vol. %	826
		"	173.1		~ 17	928
10069	C ₁₀ H ₁₄	<i>tert</i> -Butylbenzene	168.5		~ 14	928
		"	169.11	167.6	13 vol. %	826
10070	C ₁₀ H ₁₄	Isobutylbenzene	172.76	170.3	24 vol. %	826
10071	C ₁₀ H ₁₄	<i>m</i> -Diethylbenzene	181.13	176.3	29 vol. %	826
10072	C ₁₀ H ₁₄	<i>p</i> -Diethylbenzene	183.78	177.9	31 vol. %	826
10073	C ₁₀ H ₁₄	5-Ethyl- <i>m</i> -xylene	183.75	177.9	30 vol. %	826
10074	C ₁₀ H ₁₄	<i>p</i> -Cymene	177.10	173.3	22 vol. %	826
		"	176.7	172.0	27	575
10075	C ₁₀ H ₁₄	1,2,3,5-Tetramethylbenzene	197.93	185.9	48 vol. %	826
10076	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
10077	C ₁₀ H ₁₆	Dipentene	177.7	168.5	33	575
10078	C ₁₀ H ₁₆	Nopinene	163.8	159.0	~ 22	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₂O₃	2-(2-Methoxyethoxy)ethanol	192.95			
		<i>(continued)</i>				
10079	C ₁₀ H ₁₆	α-Terpinene	173.4	166.0	30	575
10080	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
10081	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		526
10082	C ₁₀ H ₁₈ O	Cineole	176.35	173.0	22	556
10083	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		575
10084	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		575
10085	C ₁₀ H ₁₈ O	α-Terpineol	218.85	Nonazeotrope		575
10086	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		575
10087	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	< 185.0	< 45	567
10088	C ₁₀ H ₂₂ O	Amyl ether	187.5	179.5	46	526
10089	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	Nonazeotrope		575
10090	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	168.85	23	527
10091	C ₁₁ H ₁₆	2-Methylnaphthalene	241.15	Nonazeotrope		527
		"	241.1	Nonazeotrope		270
10092	C ₁₁ H ₁₆	tert-Amylbenzene	198.1	182.8	40 vol. %	826
10093	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	187.5	50	567
10094	C ₁₁ H ₂₂	tert-Amylcyclohexane	198.1	180.6	40 vol. %	826
10095	C ₁₁ H ₂₄	n-Undecane	195.88	178.7	40 vol. %	826
10096	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	190.0	65	567
10097	C ₁₂ H ₂₆	n-Dodecane, 217 mm.	169.79	144.2	52 vol. %	826
10098	C ₁₂ H ₂₆	2,2,4,4,6-Pentamethyl-heptane	185.6	173.6	30 vol. %	826
10099	C ₁₂ H ₂₈	2,2,4,6,6-Pentamethyl-heptane	177.9	168.9	23 vol. %	826
10100	C ₁₃ H ₂₆	1-Tridecene	232.78	191.6	70 vol. %	826
A =	C₆H₁₂S	3-Methyl-1-butanethiol	~ 120			
10101	C ₆ H ₁₀ O	1-Hexene-5-one	129	Reacts		563
A =	C₂H₁₄OSi	Ethoxytrimethylsilane	75-76			
10102	C ₆ H ₆	Benzene	80.2	Min. b.p.		192
A =	C₆F₁₂O	Perfluorocyclic Ether				
10103	C ₆ F ₁₄	Perfluorohexane, 25°		Nonazeotrope	v-1	695
A =	C₆F₁₄	Perfluorohexane				
10104	C ₆ H ₁₄	Hexane, 325 mm.		25	83.4 v-1	219
		" 479 mm.		35	83.7 v-1	219
		" 689 mm.		45	80.0 v-1	219
10105	C ₁₂ F ₂₇ N	Tris(perfluorobutyl)amine, 25°		Nonazeotrope	v-1	695
A =	C₆H₁₅N	Perfluorotriethylamine				
10106	C ₆ H ₆	Benzene	80.1	56.8	87.2	717
10107	C ₆ H ₁₂	Cyclohexane	80.7	56.2	85.4	717
10108	C ₆ H ₁₄	Hexane	68.7	54.5	80.4	717
A =	C₆H₃Cl₃	1,2,4-Trichlorobenzene				
10109	C ₉ H ₆ N ₂ O ₂	2,4-Tolylene diisocyanate, 40 mm.		Nonazeotrope	v-1	327

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
	A = C₆H₃Cl₃	1,3,5-Trichlorobenzene	208.4			
10110	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	~ 207.0		545
10111	C ₆ H ₆ O	Phenol	181.5	181.3	5	563
		"	182.2			544
10112	C ₆ H ₆ O ₂	Pyrocatechol	245.9			544
10113	C ₆ H ₇ N	Aniline	184.35			575
10114	C ₈ H ₁₀ O ₃	Ethyl acetoacetate	180.4			545
10115	C ₆ H ₁₂ O ₂	Caproic acid	205.2	204.0	57	543
10116	C ₇ H ₆ O ₂	Benzoic acid	250.8			575
10117	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75			554
10118	C ₇ H ₈ O	Benzyl alcohol	202.25	202.5		575
10119	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	200.5	40	542
10120	C ₇ H ₈ O	<i>o</i> -Cresol	190.8			563
10121	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	200.2	40	542
10122	C ₇ H ₉ N	Methylaniline	196.25			551
10123	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	< 202.5	> 25	575
10124	C ₇ H ₉ N	<i>p</i> -Toluidine	200.3	~ 199		563
10125	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9			563
10126	C ₈ H ₈ O	Acetophenone	202			563
10127	C ₈ H ₈ O ₂	Methyl benzoate	199.55			563
10128	C ₈ H ₈ O ₃	Methyl salicylate	222.95			548
10129	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	< 207.5		575
10130	C ₈ H ₁₁ N	Dimethylaniline	194.15			551
10131	C ₈ H ₁₁ N	Ethylaniline	206.5	203	65	563
10132	C ₈ H ₁₈ O	Octyl alcohol	195.2			575
10133	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy)ethanol	231.2			575
10134	C ₉ H ₁₀ O ₂	Benzyl acetate	215.6			563
10135	C ₉ H ₁₀ O ₂	Ethyl benzoate	213			563
10136	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3			575
10137	C ₁₀ H ₈	Naphthalene	218.0			575
10138	C ₁₀ H ₁₄ O	Thymol	232.9			544
10139	C ₁₀ H ₁₆ O	Camphor	209.1	211.5	52	551
10140	C ₁₀ H ₁₈ O	Borneol	215.0			575
10141	C ₁₀ H ₁₈ O	Menthone	~ 207	~ 209.5		563
10142	C ₁₀ H ₂₀ O	Menthol	216.3			575
10143	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8	213.0	35	559
	A = C₆H₄BrCl	<i>p</i>-Bromochlorobenzene	196.4			
10144	C ₆ H ₆ O	Phenol	182.2	181.0	38	562
10145	C ₆ H ₇ N	Aniline	184.35			551
10146	C ₈ H ₁₀ O ₃	Ethyl acetoacetate	180.4			575
10147	C ₈ H ₁₀ O ₄	Methyl succinate	195.5	< 191.3	> 46	575
10148	C ₈ H ₁₂ O ₂	Caproic acid	205.15	193.0	80	562
10149	C ₈ H ₁₄ O ₂	2-Butoxyethanol	171.15			575
10150	C ₇ H ₅ N	Benzonitrile	191.1	< 190.5	< 30	575
10151	C ₇ H ₈ O	Benzyl alcohol	205.25	194.0		575
10152	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	189.0	47	562
10153	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	194.5	75	562

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C_8H_7BrCl	<i>p</i> -Bromochlorobenzene (continued)	196.4			
10154	C_7H_9N	<i>o</i> -Toluidine	200.35	194.6		575
10155	C_7H_9N	<i>p</i> -Toluidine	200.55	< 195.2	> 68	575
10156	$C_7H_{12}O_4$	Ethyl malonate	199.35	< 193.5	> 40	575
10157	C_8H_8O	Acetophenone	202.0	Nonazeotrope		552
10158	$C_9H_8O_2$	Methyl benzoate	199.4	Nonazeotrope		575
10159	$C_8H_{11}N$	Dimethylaniline	194.15	Nonazeotrope		575
10160	$C_8H_{16}O_3$	Isoamyl lactate	202.4	Nonazeotrope		575
10161	$C_8H_{18}O$	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
10162	$C_9H_{12}O$	Benzyl ethyl ether	185.0	Nonazeotrope		559
10163	$C_9H_{12}O$	Phenyl propyl ether	190.5	Nonazeotrope		575
10164	$C_9H_{13}N$	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
10165	$C_9H_{13}N$	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		551
10166	$C_9H_{14}O$	Phorone	197.8	Nonazeotrope		552
10167	$C_{10}H_{20}O_2$	Isoamyl isovalerate	192.7	Nonazeotrope		575
A =	$C_6H_4Br_2$	<i>p</i> -Dibromobenzene	220.25			
10168	$C_6H_4ClNO_2$	<i>m</i> -Chloronitrobenzene	235.5	Nonazeotrope		554
10169	$C_6H_4ClNO_2$	<i>p</i> -Chloronitrobenzene	239.1	Nonazeotrope		554
10170	C_6H_5ClO	<i>p</i> -Chlorophenol	219.75	215.05	65	574
10171	$C_6H_5NO_2$	Nitrobenzene	210.75	210.45	22.5	554
10172	$C_6H_5NO_3$	<i>o</i> -Nitrophenol	217.2	215.15	48	564
10173	C_6H_6O	Phenol	182.2	Nonazeotrope		535
10174	$C_6H_6O_2$	Pyrocatechol	245.9	218.15	90	538
10175	$C_6H_6O_2$	Resorcinol	281.4	Nonazeotrope		542
10176	$C_8H_{12}O_2$	Caproic acid	205.15	203.4	42	564
10177	$C_7H_5Cl_3$	α,α,α -Trichlorotoluene	220.9	219.6	72	549
10178	$C_7H_6O_2$	Benzoic acid	250.5	219.5	96.2	538
10179	C_7H_7BrO	<i>o</i> -Bromoanisole	217.7	< 217.4	< 12	575
10180	$C_7H_7NO_2$	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		554
10181	$C_7H_7NO_2$	<i>o</i> -Nitrotoluene	221.75	218.0	73	554
10182	$C_7H_7NO_2$	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		554
10183	C_7H_8O	Benzyl alcohol	205.2	204.2	34.5	574
10184	C_7H_8O	<i>m</i> -Cresol	202.1	201.9	7	541
10185	C_7H_8O	<i>o</i> -Cresol	191.1	Nonazeotrope		538
10186	C_7H_8O	<i>p</i> -Cresol	201.7	Nonazeotrope		542
10187	$C_7H_8O_2$	Guaiacol	205.05	Nonazeotrope		556
10188	$C_7H_8O_2$	<i>m</i> -Methoxyphenol	244	Nonazeotrope		535
10189	C_7H_9N	<i>m</i> -Toluidine	203.1	Nonazeotrope		551
10190	C_7H_9N	<i>o</i> -Toluidine	200.35	Nonazeotrope		551
10191	C_7H_9N	<i>p</i> -Toluidine	200.55	Nonazeotrope		551
10192	C_7H_9NO	<i>o</i> -Anisidine	219.0	217.5		575
10193	$C_7H_{14}O_2$	Enanthic acid	220.0	215.5	70	562
10194	$C_7H_{16}O_4$	2-[2-(2-Methoxyethoxy)ethoxy]ethanol	245.25	Nonazeotrope		575
10195	$C_8H_8O_2$	α -Toluic acid	266.5	Nonazeotrope		575
10196	$C_8H_8O_3$	Methyl salicylate	222.35	219.4	75	574
10197	C_8H_8BrO	<i>p</i> -Bromophenetole	234.5	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₄Br₂	<i>p</i>-Dibromobenzene	220.25			
		<i>(continued)</i>				
10198	C ₈ H ₁₀ O	3,4-Xylenol	226.8	218.65	75	550
10199	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	216.0	50	562
10200	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	215.0	67.5	574
10201	C ₈ H ₁₀ O	2,4-Xylenol	210.5	209.8	10	575
10202	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		535
10203	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	214.0	32	575
10204	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	Nonazeotrope		575
10205	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		551
10206	C ₈ H ₁₁ N	3,4-Xylidine	225.5	< 219.9	< 89	575
10207	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		548
10208	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	< 216.5	< 47	575
10209	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	< 215.0	> 25	547
10210	C ₈ H ₁₄ O ₄	Propyl oxalate	214	< 213	< 32	575
10211	C ₈ H ₁₆ O ₂	Caprylic acid	237.5	218.8	~ 90	541
10212	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
10213	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy)ethanol	231.2	Nonazeotrope		575
10214	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		553
10215	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	220.15	95	552
10216	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		552
10217	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	Nonazeotrope		538
10218	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		535
10219	C ₉ H ₁₀ O ₃	Ethyl salicylate	234.0	Nonazeotrope		548
10220	C ₉ H ₁₂ O	3-Phenylpropanol	220.25	< 219.9	> 85	575
10221	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		551
10222	C ₉ H ₁₈ O ₂	Pelargonic acid	254.0	Nonazeotrope		575
10223	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		574
10224	C ₁₀ H ₁₂ O	Estragole	215.6	Nonazeotrope		535
10225	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		547
10226	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		575
10227	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
10228	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
10229	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		542
10230	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0	Nonazeotrope		559
10231	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
10232	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		552
10233	C ₁₀ H ₁₈ O	Borneol	213.4	213.3	~ 18	535
10234	C ₁₀ H ₁₈ O	Geraniol	229.6	220.2	97	535
10235	C ₁₀ H ₁₈ O	α -Terpineol	217.8	Reacts		535
10236	C ₁₀ H ₂₀ O	Citronellol	224.5	Nonazeotrope		535
		"	224.5	218.5		533
10237	C ₁₀ H ₂₀ O	Menthol	216.4	215.4	43	574
10238	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		575
10239	C ₁₀ H ₂₂ O	Decyl alcohol	~ 232.9	220.2	98	535
10240	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	Nonazeotrope		559
10241	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.3	Nonazeotrope		548

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₄Br₂	<i>p</i>-Dibromobenzene	220.25			
		(continued)				
10242	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		547
10243	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
10244	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		538
A =	C₆H₄ClNO₂	<i>m</i>-Chloronitrobenzene	235.5			
10245	C ₆ H ₆ O ₂	Pyrocatechol	245.9	Nonazeotrope		554
10246	C ₆ H ₁₄ O ₃	Dipropylene glycol	229.2	< 227.0		554
10247	C ₇ H ₅ Cl ₃	α,α,α -Trichlorotoluene	220.8	Nonazeotrope		554
10248	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		554
10249	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		575
10250	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope		575
10251	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	< 221.5		554
10252	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		554
10253	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	220.0	Nonazeotrope		554
10254	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		554
10255	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		551
10256	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope		551
10257	C ₈ H ₇ N	Quinoline	237.3	Nonazeotrope		554
10258	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		575
10259	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		554
10260	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		554
10261	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		554
10262	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		554
10263	C ₁₀ H ₁₄ O	Carvacrol	237.85	< 235.4		554
10264	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		575
10265	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		554
10266	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.3	Nonazeotrope		575
10267	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		554
10268	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	< 231.8		554
10269	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		557
A =	C₆H₄ClNO₂	<i>o</i>-Chloronitrobenzene	246.0			
10270	C ₆ H ₆ O ₂	Pyrocatechol	245.9	243.5		554
10271	C ₆ H ₆ O ₂	Resorcinol	281.4	Nonazeotrope		554
10272	C ₆ H ₁₄ O ₄	Triethylene glycol	288.7	Nonazeotrope		554
10273	C ₇ H ₆ O ₂	Benzoic acid	250.8	243.0	67	554
10274	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		544
10275	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		554
10276	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	Nonazeotrope		554
10277	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		551
10278	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope		551
10279	C ₈ H ₇ N	Quinoline	237.3	Nonazeotrope		553
10280	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		554
10281	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		554
10282	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		554
10283	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		554
10284	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		554

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A = C₆H₄ClNO₂ <i>o</i>-Chloronitrobenzene			246.0			
<i>(continued)</i>						
10285	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		554
10286	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		554
10287	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		554
10288	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		554
A = C₆H₄ClNO₂ <i>p</i>-Chloronitrobenzene			239.1			
10289	C ₆ H ₆ O ₂	Pyrocatechol	247.9	238.6	82.5	554
10290	C ₆ H ₆ O ₂	Resorcinol	281.4	Nonazeotrope		554
10291	C ₆ H ₁₄ O ₃	Dipropylene glycol	229.2	< 228.3	< 89	554
10292	C ₇ H ₆ O ₂	Benzoic acid	250.8	237.75	84	554
10293	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	238.85	33	554
10294	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		
10295	C ₇ H ₁₀ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]ethanol	245.25	< 234.0		554
10296	C ₈ H ₈ O ₂	Anisaldehyde	249.5	Nonazeotrope		575
10297	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		554
10298	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		551
10299	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope		551
10300	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	< 235.5		551.
10301	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		553
10302	C ₉ H ₈ O	Cinnamyl aldehyde	253.5	Nonazeotrope		554
10303	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		554
10304	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		543
10305	C ₁₀ H ₉ N	Quinaldine	246.5	Nonazeotrope		554
10306	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		554
10307	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		554
10308	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		553
10309	C ₁₀ H ₁₄ O	Carvacrol	237.85	237.4		554
10310	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		575
10311	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		554
10312	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		527
10313	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		554
10314	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		554
10315	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		554
10316	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	232.1	5?	554
10317	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		554
10318	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		554
A = C₆H₄Cl₂ <i>o</i>-Dichlorobenzene			179.5			
10319	C ₆ H ₅ Br	Bromobenzene	156.1	Nonazeotrope		575
10320	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	176.8	173.6	52	562
10321	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
10322	C ₆ H ₆ O	Phenol	182.2	173.7	65	562
10323	C ₆ H ₇ N	Aniline	184.35	177.4	70	551
10324	C ₆ H ₈ O ₄	Methyl fumarate	193.25	Nonazeotrope		527
10325	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	175.5	58	552
10326	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	Nonazeotrope		527
10327	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	< 178.2	< 82	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_6H_4Cl_2$	<i>o</i> -Dichlorobenzene (continued)	179.5			
10328	$C_6H_{12}O$	Cyclohexanol	160.8	Nonazeotrope		575
10329	$C_8H_{12}O_2$	Caproic acid	205.15	179.0	92	564
10330	$C_8H_{12}O_2$	Isocaproic acid	199.5	178.5	94	575
10331	$C_6H_{14}O$	Hexyl alcohol	157.85	Nonazeotrope		575
10332	$C_8H_{14}O_2$	2-Butoxyethanol	171.15	170.0	27	556
10333	C_7H_8O	Benzaldehyde	179.2	< 178.5	> 48	575
10334	C_7H_8O	Benzyl alcohol	205.25	Nonazeotrope		575
10335	C_7H_8O	<i>m</i> -Cresol	202.2	Nonazeotrope		575
10336	C_7H_8O	<i>o</i> -Cresol	191.1	179.1	85	575
10337	C_7H_8O	<i>p</i> -Cresol	201.7	Nonazeotrope		575
10338	C_7H_9N	Methylaniline	196.25	Nonazeotrope		551
10339	$C_7H_{14}O_2$	Isoamyl acetate	142.1	Nonazeotrope		575
10340	$C_7H_{14}O_2$	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
10341	$C_7H_{16}O$	Heptyl alcohol	176.15	173.5	45	567
10342	$C_8H_8O_2$	Phenyl acetate	195.7	Nonazeotrope		575
10343	$C_8H_{10}O$	<i>p</i> -Methylanisole	177.05	179.6	~ 5	559
10344	$C_8H_{10}O$	Phenetole	170.45	Nonazeotrope		559
10345	$C_8H_{11}N$	Dimethylaniline	194.15	Nonazeotrope		551
10346	$C_8H_{12}N_2O_2$	Hexamethylene diisocyanate 40 mm.	163.2	Nonazeotrope		413
10347	$C_8H_{16}O_2$	Butyl butyrate	166.4	Nonazeotrope		575
10348	$C_8H_{18}O$	Octyl alcohol	195.2	Nonazeotrope		575
10349	$C_8H_{18}O$	<i>sec</i> -Octyl alcohol	180.4	177.7	58	567
10350	$C_8H_{20}SiO_4$	Ethyl silicate	168.8	Nonazeotrope		575
10351	$C_9H_6O_2N_2$	2,4-Tolylene diisocyanate, 15 mm.	128.7	Nonazeotrope		413
10352	C_9H_8	Indene	182.6	> 183.0		575
10353	C_9H_{12}	Pseudocumene	168.2	Nonazeotrope		575
10354	$C_9H_{12}O$	Benzyl ethyl ether	185.0	Nonazeotrope		559
10355	$C_9H_{13}N$	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
10356	$C_9H_{18}O_2$	Isobutyl isovalerate	171.2	Nonazeotrope		575
10357	$C_{10}H_{16}$	Dipentene	177.7	177.5	> 20	575
10358	$C_{10}H_{16}$	Nopinene	163.8	Nonazeotrope		575
10359	$C_{10}H_{16}$	α -Terpinene	173.4	Nonazeotrope		575
10360	$C_{10}H_{18}O$	Cineole	176.35	Nonazeotrope		559
10361	$C_{10}H_{18}O$	Linalool	198.6	Nonazeotrope		575
10362	$C_{10}H_{19}N$	Bornylamine	199.8	Nonazeotrope		575
10363	$C_{10}H_{20}O_2$	Isoamyl isovalerate	192.7	Nonazeotrope		575
10364	$C_{10}H_{22}O$	Amyl ether	187.5	Nonazeotrope		559
10365	$C_{10}H_{22}O$	Isoamyl ether	173.2	Nonazeotrope		559
10366	$C_{13}H_{10}O_2N_2$	Di- <i>p</i> -isocyanatodi- phenylmethane, 5 mm.	192.0	Nonazeotrope		413

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₄Cl₂	<i>p</i>-Dichlorobenzene	174.4			
10367	C ₆ H ₅ BrO	<i>o</i> -Bromophenol	195.0	Nonazeotrope		575
10368	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	176.8	171.0	65	562
10369	C ₆ H ₅ O	Phenol	182.2	171.05	74.8	555
10370	C ₆ H ₅ S	Benzenethiol	169.5	< 168.2	< 29	575
10371	C ₆ H ₇ N	Aniline	184.35	173.95	88	551
10372	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	172.65	71	552
10373	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	174.25?	~ 5	535
10374	C ₆ H ₁₂ O	Cyclohexanol	160.8	160.2		571
10375	C ₆ H ₁₂ O ₂	Caproic acid	205.2	Nonazeotrope		541
10376	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	174.2	98	575
10377	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		526
10378	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	< 170.0	< 38	567
10379	C ₆ H ₁₄ O	Hexyl alcohol	157.85	157.65		571
10380	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.2	168.3	48	527
10381	C ₆ H ₁₄ O ₂	Pinacol	174.35	< 167.0	< 70	567
10382	C ₇ H ₅ N	Benzonitrile	191.1	Nonazeotrope		565
10383	C ₇ H ₆ O	Benzaldehyde	179.2	174.1	83	536
10384	C ₇ H ₈ O	Benzyl alcohol	205.2	Nonazeotrope		535
10385	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		536
10386	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		542
10387	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		551
10388	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	167.3	43	567
10389	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	Nonazeotrope		538
10390	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		527,556
10391	C ₇ H ₁₆ O	Heptyl alcohol	176.15	171.2	65	567
10392	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		559
10393	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.65	Nonazeotrope		559
		"	177.05	177.07	~ 6	541
10394	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		538
10395	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
10396	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		552
10397	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
10398	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		547
10399	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		575
10400	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	171.4		547
10401	C ₈ H ₁₆ O ₂	Isoamyl propionate	164.4	Nonazeotrope		547
10402	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	Nonazeotrope		530
10403	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	173.85	78	564
10404	C ₈ H ₁₈ O ₃	Bis(2-ethoxyethyl) ether	186.0	Nonazeotrope		575
10405	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		575
10406	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	< 171.0	< 42	566
10407	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		564
10408	C ₉ H ₈	Indene	183.0	Nonazeotrope		541
10409	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
10410	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
10411	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		541

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₈H₄Cl₂	<i>p</i>-Dichlorobenzene	174.4			
		<i>(continued)</i>				
10412	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		559
10413	C ₉ H ₉ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
10414	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
10415	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	Nonazeotrope		547
10416	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	170.0	Nonazeotrope		545
10417	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.4	Nonazeotrope		538
10418	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		547
10419	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
10420	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
10421	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		538
10422	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	174.2	86	530
10423	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
10424	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		538
10425	C ₁₀ H ₁₆	α -Terpinene	173.4	173.15	50	527
10426	C ₁₀ H ₁₆	γ -Terpinene	183	Nonazeotrope		575
10427	C ₁₀ H ₁₆	Terpinene	181.5	Nonazeotrope		538
10428	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		575
10429	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		535
10430	C ₁₀ H ₁₈ O	Cineole	176.4	174.1	~ 80	559
10431	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		559
10432	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	172.1	36.5	555
A =	C₆H₅Br	Bromobenzene	156.1			
10433	C ₆ H ₅ Cl	Chlorobenzene	132	Nonazeotrope		563
10434	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	176.8	Nonazeotrope		575
10435	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
10436	C ₆ H ₆ O	Phenol	182.2	Nonazeotrope		542
10437	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		551
10438	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		552
10439	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	156.1	Nonazeotrope		552
10440	C ₆ H ₁₀ O ₄	Ethylidene diacetate	168.5	155.95	92.5	527
10441	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		527
10442	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		566
10443	C ₆ H ₁₁ ClO ₂	Isobutyl chloroacetate	174.5	Nonazeotrope		575
10444	C ₆ H ₁₂ O	Cyclohexanol	160.65	153.6	66.5	563
		" 250 mm.	127.0	113.6	85.5	v-l 930
		" 500 mm.	144.4	136.8	81.5	v-l 930
		" 730 mm.	158.6	150.6	74.8	v-l 930
10445	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	155.45	63	556
10446	C ₆ H ₁₃ ClO ₂	Chloroacetal	156.8	~ 156		563
10447	C ₆ H ₁₄ O	Hexyl alcohol	157.95	151.6	66	538
10448	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	155.85	93.5	556
10449	C ₆ H ₁₄ O ₂	Pinacol	174.3	153.2	~ 85	532
		"	171.5	152	~ 86	563
10450	C ₆ H ₇ S	Propyl sulfide	141.5	Nonazeotrope		575
10451	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		549
10452	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563
10453	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₅Br	Bromobenzene (continued)	156.1			
10454	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Nonazeotrope		563
10455	C ₇ H ₁₄ O ₂	Ethyl valerate	145.45	Nonazeotrope		575
10456	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		547
10457	C ₇ H ₁₄ O ₂	Methyl caproate	151.0	Nonazeotrope		547
10458	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		547
10459	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
10460	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		575
10461	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75	Nonazeotrope		559
10462	C ₈ H ₈	Styrene	145.8	Nonazeotrope		535
10463	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		563
10464	C ₈ H ₁₀	<i>m</i> -Xylene	139	Nonazeotrope		527,563
10465	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		559
10466	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		547
10467	C ₈ H ₁₆ O ₂	Isoamyl propionate	~ 160.3	~ 155.2	~ 73	563
10468	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	155.2		545
10469	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		573
10470	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	154.5	57	573
10471	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		559
10472	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7	Nonazeotrope		563
10473	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		575
10474	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
10475	C ₉ H ₁₂	Mesitylene	164.0	Nonazeotrope		563
10476	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
10477	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		541
10478	C ₁₀ H ₁₆	Camphene	159.5	155.0	~ 56	528
10479	C ₁₀ H ₁₆	Nopinene	163.8	< 155.9	> 72	575
10480	C ₁₀ H ₁₈	α -Pinene	155.8	153.4	50	563
10481	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	155.9	~ 87	563
A =	C₆H₅BrO	<i>o</i>-Bromophenol	195.0			
10482	C ₆ H ₅ NO ₃	<i>o</i> -Nitrophenol	217.2	Nonazeotrope		575
10483	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	183.8	20	575
10484	C ₇ H ₇ ClO	<i>p</i> -Chloroanisole	197.8	Nonazeotrope		575
10485	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	189.8	25	575
10486	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	194.0	20	575
10487	C ₈ H ₈ O	Acetophenone	202.0	212.5	52	575
10488	C ₈ H ₈ O ₂	Methyl benzoate	199.4	206.2	42	562
10489	C ₈ H ₈ O ₂	Phenyl acetate	195.7	205.0	50	562
10490	C ₈ H ₁₆ O	2-Octanone	172.85	198.5		575
10491	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		575
10492	C ₈ H ₁₈ O	Octyl alcohol	195.2	204.0	50	575
10493	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.8	Nonazeotrope		575
10494	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		575
10495	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
10496	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	214.2	15?	575
10497	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		575
10498	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	197.5	72	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₅BrO	<i>o</i> -Bromophenol (<i>continued</i>)	195.0			
10499	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		575
10500	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		575
10501	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
10502	C ₁₀ H ₁₆ O	Camphor	209.1	216.5	40	575
10503	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	203.0	54	83
10504	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		575
10505	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		575
10506	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	< 192.2	< 25	575
10507	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		575
A =	C₆H₅Cl	Chlorobenzene	131.75			
10508	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
10509	C ₆ H ₆	Benzene	80.2	Nonazeotrope		563
10510	C ₆ H ₆ O	Phenol	181.5	Nonazeotrope		563
10511	C ₆ H ₇ N	Aniline, 95-380 mm.		Nonazeotrope	v-l	176
		"	184.35	Nonazeotrope		551
10512	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		552
10513	C ₆ H ₁₀ O	Mesityl oxide	129.45	Nonazeotrope		527
10514	C ₆ H ₁₀ S	Allyl sulfide	139.35	Nonazeotrope		566
10515	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		575
10516	C ₆ H ₁₂ O ₂	Butyl acetate	124.8	Nonazeotrope		527
10517	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		575
10518	C ₆ H ₁₂ O ₃	Paraldehyde	124	Nonazeotrope		563
10519	C ₆ H ₁₄	<i>n</i> -Hexane	68.95	Nonazeotrope		163
10520	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		575
10521	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Nonazeotrope		526
10522	C ₆ H ₁₄ O ₂	Pinacol	174.35	Nonazeotrope		575
10523	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		575
10524	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563
10525	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		575
10526	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		552
10527	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		547
10528	C ₇ H ₁₄ O ₂	Isoamyl acetate	~ 138.8	Nonazeotrope		563
10529	C ₇ H ₁₄ O ₂	Isobutyl propionate	136.9	Nonazeotrope		547
10530	C ₇ H ₁₄ O ₂	Propyl butyrate	143	Nonazeotrope		563
10531	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		527
10532	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		563
10533	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		527
10534	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	Nonazeotrope		563
10535	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
10536	C ₈ H ₁₈	Octane	125.8	Nonazeotrope		563
10537	C ₈ H ₁₈ O	Butyl ether	142.2	Nonazeotrope		548
10538	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		559
10539	C ₈ H ₈ N ₂ O ₂	2,4-Tolylene diisocyanate, 40 mm.		Nonazeotrope	v-l	327

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₅ClO	<i>o</i>-Chlorophenol	176.8			
10540	C ₆ H ₅ I	Iodobenzene	188.45	< 176.0	< 78	575
10541	C ₆ H ₆ O	Phenol	182.2	174.5	75	562
		"	181.9		94.5	215
10542	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		563
10543	C ₆ H ₇ N	3-Picoline	144	178-184		810
10544	C ₆ H ₇ N	4-Picoline	145	178-184		810
10545	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		575
10546	C ₆ H ₁₃ ClO ₂	Chloroacetal	157.4	Nonazeotrope		575
10547	C ₇ H ₇ Br	<i>α</i> -Bromotoluene	~ 198.5	Reacts		563
10548	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	171.5	~ 68	563
10549	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	< 175.5	> 64	562
10550	C₇H₇Cl	<i>α</i>-Chlorotoluene	179.35	Reacts		563
10551	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7	Nonazeotrope		575
10552	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
10553	C ₇ H ₉ N	2,6-Lutidine	144	178-184		810
10554	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		575
10555	C ₈ H ₈ O	Acetophenone	202.0	> 204.5		575
10556	C ₈ H ₈ O ₂	Benzyl formate	203.0	Nonazeotrope		575
10557	C ₈ H ₈ O ₂	Phenyl acetate	195.7	197.0	12	575
10558	C₈H₁₀O	Phenetole	170.45	Nonazeotrope		575
10559	C ₈ H ₁₆ O	2-Octanone	173	177	~ 75	563
10560	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
10561	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	183.5	25	575
10562	C ₈ H ₁₈ S	Butyl sulfide	185.0	175.0	82	566
10563	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	169.5		566
10564	C ₉ H ₈	Indene	182.4	Min. b.p.		276
10565	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		575
10566	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
10567	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
10568	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	188.0	38	562
10569	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	182.8	57	562
10570	C ₁₀ H ₁₄	Cymene	175.3	173.5	~ 50	563
10571	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	< 175		563
10572	C ₁₀ H ₁₆	<i>α</i> -Pinene	155.8	< 155.2	> 5	575
10573	C ₁₀ H ₁₆	<i>α</i> -Terpinene	173.4	< 169.5	> 28	575
10574	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	171.0	30	575
A =	C₆H₅ClO	<i>p</i>-Chlorophenol	219.75			
10575	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	219.9	8	554
10576	C ₆ H ₅ NO ₃	<i>o</i> -Nitrophenol	217.2	< 217.05	> 7	575
10577	C ₆ H ₈ O ₄	Methyl fumarate	193.25	> 221.0	< 92	575
10578	C ₆ H ₈ O ₄	Methyl maleate	204.05	223.0	68	562
10579	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	> 221.5	> 88	575
10580	C ₆ H ₁₀ O ₄	Methyl succinate	195.5	222.5	< 90	548
10581	C ₇ H ₅ Cl ₃	<i>α,α,α</i> -Trichlorotoluene	220.9	Reacts		535
10582	C ₇ H ₅ Cl ₂	<i>α,α</i> -Dichlorotoluene	205.1	Reacts		563
10583	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	Nonazeotrope		575
10584	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	212.0	22	562

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₅ClO	<i>p</i>-Chlorophenol (continued)	219.75			
10585	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		554
10586	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	223.2	43	554
10587	C ₇ H ₈ O	Benzyl alcohol	205.2	Nonazeotrope		575
10588	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		575
10589	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	243.8	Nonazeotrope		575
10590	C ₇ H ₈ O ₂	Guaiacol	205.05	Nonazeotrope		535
10591	C ₈ H ₈ O	Acetophenone	202.0	224.5	85	575
10592	C ₈ H ₈ O ₂	Benzyl formate	202.3	221.4	75	548
10593	C ₈ H ₈ O ₂	Methyl benzoate	199.45	220.75	79	536
10594	C ₈ H ₈ O ₂	Phenyl acetate	195.7	220.2	~ 90	548
10595	C ₈ H ₈ BrO	<i>p</i> -Bromophenetole	234.2	Nonazeotrope		575
10596	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	227.7	52.5	574
10597	C ₈ H ₁₀ O	2,4-Xylenol	210.5	< 210.0		575
10598	C ₈ H ₁₀ O	3,4-Xylenol	226.8	219.0	89	575
10599	C ₈ H ₁₀ O ₂	Veratrol	206.8	Nonazeotrope		575
10600	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		575
10601	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	222.0	70	575
10602	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	> 230.5	< 54	575
10603	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	232.5	53	562
10604	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	~ 231.8		529
10605	C ₈ H ₁₈ O	Octyl alcohol	195.15	Nonazeotrope		535
10606	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	235.4	52	552
10607	C ₉ H ₁₀ O	Propiophenone	217.7	230.2		552
10608	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	226.5	~ 55	529
10609	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	224.9	60	574
10610	C ₉ H ₁₂ O	Mesitol	220.5	217.2	58	562
10611	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		538
10612	C ₉ H ₁₈ O ₃	Ethyl enanthate	188.7	Nonazeotrope		575
10613	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	> 220.5		575
10614	C ₁₀ H ₈	Naphthalene	218.05	216.3	36.5	574
10615	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		575
10616	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		575
10617	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		575
10618	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	233.0	27	535
10619	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	234.5	25	548
10620	C ₁₀ H ₁₄ O	Carvone	231.0	238.2	< 45	552
10621	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		575
10622	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	Nonazeotrope		575
10623	C ₁₀ H ₁₆ O	Camphor	209.1	227.5	> 75	552
10624	C ₁₀ H ₁₇ Cl	Bornyl chloride	~ 210	~ 206.5		563
10625	C ₁₀ H ₁₈ O	Borneol	213.2	222.5	52.5	529
10626	C ₁₀ H ₁₈ O	Geraniol	229.7	~ 230.7	~ 10	538
10627	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		535
10628	C ₁₀ H ₁₈ O	α -Terpineol	217.4	225.7	49.8	529
10629	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		575
10630	C ₁₀ H ₂₀ O	Citronellol	224	~ 227.5	~ 30	535
10631	C ₁₀ H ₂₀ O	Menthol	216.4	223.5	57.5	529

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₅ClO	<i>p</i>-Chlorophenol (continued)	219.75			
10632	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	223.2	65	562
10633	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope?		548
10634	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	212.5	28	566
10635	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		575
10636	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		548
10637	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	242.7	7	548
10638	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	< 215.9	< 15	575
10639	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	235.3	22	548
10640	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		575
10641	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.4	214.7	18	548
10642	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	232.7	28	529
10643	C ₁₃ H ₂₈	Tridecane	234.0	Nonazeotrope		575
A =	C₆H₅Cl₂Si	Phenyltrichlorosilane	201.0			
10644	C ₆ H ₅ Cl ₂ Si	Phenyl dichlorosilane				
		" 40 mm.		Nonazeotrope	v-l	229
		" 100 mm.		Nonazeotrope	v-l	229
			182.9	Nonazeotrope		229
10645	C ₇ H ₈ Cl ₂ Si	Methylphenyldichlorosilane	203.6	Nonazeotrope	v-l	228
A =	C₆H₅F	Fluorobenzene	85.2			
10646	C ₆ H ₅ I	Iodobenzene	188.55	Vapor pressure data		563
10647	C ₆ H ₆	Benzene	80.15	Nonazeotrope		575
		"	80.1	Ideal system	v-l	40
10648	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		556
10649	C ₆ H ₁₂	Methylcyclopentane	72.0	Nonazeotrope		575
10650	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		575
A =	C₆H₅I	Iodobenzene	188.55			
10651	C ₆ H ₅ NO ₂	Nitrobenzene	210.75	Nonazeotrope		554
10652	C ₆ H ₅ O	Phenol	181.5	177.7	53	563
10653	C ₆ H ₇ N	Aniline	184.35	181.6	> 40	551
10654	C ₆ H ₅ O ₄	Methyl fumarate	193.25	186.2	70	527
10655	C ₆ H ₁₀ O ₃	Ethyl acetoacetate	180.4	178.0	52	552
10656	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	181.0	48	538
10657	C ₆ H ₁₀ O ₄	Glycol diacetate	186.3	< 183.5	> 42	562
10658	C ₆ H ₁₀ O ₄	Methyl succinate	195	~ 186.5		563
10659	C ₆ H ₁₁ ClO ₂	Butyl chloroacetate	181.8	< 181.2	> 82	575
10660	C ₆ H ₁₁ ClO ₂	Isobutyl chloroacetate	174.5	Nonazeotrope		575
10661	C ₆ H ₁₂ O	Cyclohexanol	160.65	Nonazeotrope		573
10662	C ₈ H ₁₂ O ₂	Caproic acid	205.15	186.8	88	564
10663	C ₈ H ₁₂ O ₂	Isocaproic acid	199.5	185.5	85	562
10664	C ₈ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		575
10665	C ₈ H ₁₄ O ₂	2-Butoxyethanol	171.17	< 170.8		575
10666	C ₇ H ₅ N	Benzonitrile	191.1	< 187.0		565
10667	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		575
10668	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	Nonazeotrope		549

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₅I	Iodobenzene (continued)	188.55			
10669	C ₇ H ₈ O	Benzyl alcohol	205.2	187.75	88	535
10670	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	185	~ 32 ~ 53	563
10671	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	188.1	90	542
10672	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		551
10673	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	Nonazeotrope		551
10674	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		551
10675	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		551
10676	C ₇ H ₁₂ O ₄	Ethyl malonate	199.2	< 188	> 80	547
10677	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	180.5	30	567
10678	C ₈ H ₈ O ₂	Methyl benzoate	199.45	Nonazeotrope		547
10679	C ₈ H ₈ O ₂	Phenyl acetate	195.7	< 188.3		575
10680	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		559
10681	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		559
10682	C ₈ H ₁₁ N	<i>N,N</i> -Dimethylaniline	194.05	186.7	75	535
10683	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		551
10684	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	Nonazeotrope		575
10685	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	187.5		531
10686	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	178.4		531
10687	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
10688	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		559
10689	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
10690	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		552
10691	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		547
10692	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	Nonazeotrope		538
10693	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	185.5	~ 65	563
10694	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
10695	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
10696	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		575
10697	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
10698	C ₁₀ H ₁₆	Terpinene	181.5	Nonazeotrope		538
10699	C ₁₀ H ₁₆ O	Fenchone	193	Nonazeotrope		563
10700	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		532
10701	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	< 188.3	> 87	575
A =	C₆H₅NO₂	Nitrobenzene	210.75			
10702	C ₆ H ₅ NO ₃	<i>o</i> -Nitrophenol	217.2	Nonazeotrope		554
10703	C ₆ H ₆	Benzene	80.15	Nonazeotrope		554
		"	25°C.	Nonazeotrope		v.p. 845
10704	C ₆ H ₇ N	Aniline	184.35	Nonazeotrope		v-l 551,835
10705	C ₈ H ₈ O ₄	Methyl maleate	204.05	203.9	7	527
10706	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		163
10707	C ₆ H ₁₂ O ₂	Caproic acid	205.15	< 202.5	< 35	554
10708	C ₆ H ₁₄	<i>n</i> -Hexane	68.8	Nonazeotrope		554
10709	C ₆ H ₁₄ O	<i>n</i> -Hexanol	157.85	Nonazeotrope		554
10710	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		554
10711	C ₆ H ₁₄ O ₂	Pinacol	174.35	Nonazeotrope		576
10712	C ₇ H ₅ Cl ₃	α,α,α -Trichlorotoluene	220.8	Nonazeotrope		554

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₅NO₂	Nitrobenzene (continued)	210.75			
10713	C ₇ H ₆ Cl ₂	<i>α,α</i> -Dichlorotoluene	205.2	Nonazeotrope		554
10714	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		554
10715	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	Nonazeotrope		563
10716	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35	Nonazeotrope		563
10717	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	< 208.8		554
10718	C ₇ H ₈	Toluene	110.7	Nonazeotrope		554
10719	C ₇ H ₈ O	Benzyl alcohol	205.25	204.2	38	554
10720	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		554
10721	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		554
10722	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		554
10723	C ₇ H ₈ O ₂	Guaiacol	205.05	Nonazeotrope		554
10724	C ₇ H ₉ N	Benzylamine	185.0	Nonazeotrope		551
10725	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		551
10726	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	Nonazeotrope		551
10727	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		551
10728	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		551
10729	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope		575
10730	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	Nonazeotrope		554
10731	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	< 209.5	< 88	554
10732	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]ethanol	245.25	Nonazeotrope		554
10733	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		552
10734	C ₈ H ₈ O ₂	Benzyl formate	203.0	Nonazeotrope		554
10735	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		575
10736	C ₈ H ₈ O ₂	Phenyl acetate	215.3	Nonazeotrope		554
10737	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		554
10738	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	220.0	Nonazeotrope		554
10739	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	210.6	92	554
10740	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		554
10741	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	207.5	> 62	554
10742	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		554
10743	C ₈ H ₁₀ O ₂	Veratrol	206.8	< 203.8		554
10744	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
10745	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		551
10746	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		551
10747	C ₈ H ₁₁ N	3,4-Xylidine	225.5	Nonazeotrope		551
10748	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		554
10749	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		554
10750	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	< 210.6		554
10751	C ₈ H ₁₄ O ₄	Propyl oxalate	214.2	210.0		554
10752	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	Nonazeotrope		554
10753	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	Nonazeotrope		554
10754	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	Nonazeotrope		554
10755	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		554
10756	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		552
10757	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		554
10758	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	210.6	81	554

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₅NO₂	Nitrobenzene (continued)	210.75			
10759	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		554
10760	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		575
10761	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	< 210		551
10762	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		552
10763	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		554
10764	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		554
10765	C ₁₀ H ₁₅ N	Diethylaniline	217.05	210.72	97	551
10766	C ₁₀ H ₁₆ O	Camphor	208.9	208.4	35	563
10767	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		575
10768	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		552
10769	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	205.0		554
10770	C ₁₀ H ₁₈ O	Borneol	215.0	207.8	58	554
10771	C ₁₀ H ₁₈ O	Citronellal	208.0	207.0	22	554
10772	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		554
10773	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		554
10774	C ₁₀ H ₁₈ O	Menthone	206.5	Nonazeotrope		563
10775	C ₁₀ H ₁₈ O	α -Terpineol	218.85	209.7	78	554
10776	C ₁₀ H ₁₈ O	β -Terpineol	210.5	204.8	50	554
10777	C ₁₀ H ₂₀ O	Citronellol	224.5	Min. b.p.		574
10778	C ₁₀ H ₂₀ O	Menthol	216.3	208.35	67.3	554
10779	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8	Nonazeotrope		551
10780	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	209.5	<93	554
10781	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	< 209.2	<82	554
10782	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	208.6	75?	554
10783	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8	206.5	>42	554
10784	C ₁₂ H ₁₀ O	1-and 2-Acetyl-naphthalene,				
		100 mm.	228.3	Nonazeotrope		413
10785	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		554
10786	C ₁₂ H ₂₂ O	Ethyl bornyl ether	204.9	203.0	30	554
10787	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	202.5?	25?	554
A =	C₆H₅NO₂	<i>o</i>-Nitrophenol	217.25			
10788	C ₆ H ₆ O ₂	Pyrocatechol	245.9	Nonazeotrope		542
10789	C ₆ H ₈ O ₄	Methyl maleate	204.05	Nonazeotrope		527
10790	C ₆ H ₁₄ O ₂	Pinacol	174.35	Nonazeotrope		575
10791	C ₆ H ₁₄ O ₃	Dipropylene glycol	229.2	215.0?		575
10792	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	Nonazeotrope		575
10793	C ₇ H ₇ ClO	<i>p</i> -Chloroanisole	197.8	Nonazeotrope		575
10794	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	212.0	18	575
10795	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		554
10796	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		575
10797	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		542
10798	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
10799	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		544
10800	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope		575
10801	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₆H₅NO₃	<i>o</i>-Nitrophenol (continued)	217.25			
10802	C ₇ H ₁₆ O	Heptyl alcohol	176.16	Nonazeotrope		575
10803	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		552
10804	C ₈ H ₈ O ₂	Benzyl formate	202.3	Nonazeotrope		548
10805	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		575
10806	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		575
10807	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.2	Nonazeotrope		575
10808	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	214.0	59	567
10809	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		575
10810	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		575
10811	C ₈ H ₁₀ O ₂	Veratrole	206.8	Nonazeotrope		575
10812	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		575
10813	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		526
10814	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		575
10815	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	<216.9	<54	575
10816	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
10817	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
10818	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		575
10819	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		575
10820	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		575
10821	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		552
10822	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		575
10823	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		542
10824	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		575
10825	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		552
10826	C ₁₀ H ₈	Naphthalene	218.05	215.75	60	542
10827	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		548
10828	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		548
10829	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
10830	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		542
10831	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	Nonazeotrope		575
10832	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
10833	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		575
10834	C ₁₀ H ₁₈ O	Borneol	213.4	211.9	~ 40	542
10835	C ₁₀ H ₁₈ O	Menthone	209.5	Nonazeotrope		575
10836	C ₁₀ H ₁₈ O	α -Terpineol	218.85	213.9	58	567
10837	C ₁₀ H ₁₈ O	β -Terpineol	210.5	209.0	22	567
10838	C ₁₀ H ₂₀ O	Citronellol	224.4	214.5	78	575
10839	C ₁₀ H ₂₀ O	Menthol	216.4	212.2	46	564
10840	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575
10841	C ₁₀ H ₂₀ O ₂	Methyl pelargenate	213.8	Nonazeotrope		575
10842	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	216.5	90	575
10843	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	212.5	30	566
10844	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		575
10845	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		575
10846	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	215.9	28	575

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A		Ref.
A =	C₆H₅NO₃	<i>o</i>-Nitrophenol (continued)	217.25				
10847	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.4	~ 214.3	<45		548
10848	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7		Nonazeotrope		548
10849	C ₁₃ H ₂₈	Tridecane	234.0	<215.0	<94		575
A =	C₆H₆	Benzene	80.15				
10850	C ₆ H ₇ N	Aniline	184.35		Nonazeotrope		551
10851	C ₆ H ₈	1,3-Cyclohexadiene	80.4	< 79.9			561
10852	C ₆ H ₈	1,4-Cyclohexadiene	85.6		Nonazeotrope		562
10853	C ₆ H ₁₀	Cyclohexene	82.1	78.9	64.7	v-l	365,563
10854	C ₆ H ₁₂	Cyclohexane, 206 mm.		40	48	v-l	848
		" 600 mm.		70	48	v-l	848
		"	80.6	77.7	51.8		631
		"	80.60	77.4	49.7	v-l	805
		" 1204 mm.			53.65		74
		" 93 mm.			46.70		74,561
		"	80.7	77.7	53.2	v-l	666
		"	80.7	77.4	52.1	v-l	888
		"					
		" 304 mm.		50	48.2	v-l	666
		" 300 mm.		49.6	48.2	v-l	666
		" 45°55°C				v-l	604
		"	80.75	77.6	51.2	v-l	147,517,
		"					1010
		"	80.75	77.4	52.5		212,306
		" 128 mm.		28.4	47.6		924
		"					
		" 155 mm.		33.1	48.0		924
		" 287 mm.		48.3	49.3		924
		" 307 mm.		50.4	49.4		924
		" 495 mm.		63.7	50.8		924
		" 602 mm.		69.8	51.3		924
		" 760 mm.		77.56	51.9		924
		"					
		" 14.7 p.s.i.a.		77.4	50.2	v-l	940
		" 66.7 p.s.i.a.		137.1	61.5	v-l	940
		" 118.0 p.s.i.a.		165.8	67.0	v-l	940
		" 186.8 p.s.i.a.		193.0	71.5	v-l	940
		" 66.7 p.s.i.a.			59.7	v-l	784
		" 116.5 p.s.i.a.			64.9	v-l	784
		"					
		" 165.9 p.s.i.a.			67.6	v-l	784
		" 217.0 p.s.i.a.			71	v-l	784
		" 268.7 p.s.i.a.			74	v-l	784
		"		77.6	51.5	v-l	686c,807c
10854a	C ₆ H ₁₂	1-Hexene 25°C.				v-l	209c
10855	C ₆ H ₁₂	Methylcyclopentane	71.85	71.7	16	v-l	676
		"	71.8	min. b.p.		v-l	936
		" 524 mm.		60	13.1	v-l	214
		"	71.8	71.5	9.4	v-l	347
		" 5 p.s.i.g.			9		709
		Methylcyclopentane 150 p.s.i.g.			14		516,561,
							709

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C_6H_6	Benzene (<i>continued</i>)	80.15			
10856	$C_6H_{12}O$	Cyclohexanol	160.65	Nonazeotrope		563
10857	$C_6H_{12}O$	4-Methyl-2-pentanone, 450-760 mm.		Nonazeotrope	v-l	189
10858	$C_6H_{12}O$	Pinacolone	106.2	Nonazeotrope		552
10859	$C_6H_{12}O_2$	Butyl acetate	126	Nonazeotrope	v-l	682
10860	$C_6H_{12}O_2$	Ethyl isobutyrate	110.1	Nonazeotrope		575
10861	C_6H_{14}	Hexane	68.7	Nonazeotrope	v-l	966
		"	69.0	68.5	4.7	418,561, 631,1045
		"				
		" 575 mm.		60	7.3	v-l 55
		"	68.76	68.74	0.2	v-l 97
		"	68.7	68.3	4.5	316,336
		"				
		" 400 mm.		49.6	6.2	v-l 336
		" 380 mm.		48	9.2	316
		" 300 mm.		41.8	7.3	v-l 336
		"				
		" 210 mm.		32	10.0	316
		" 200 mm.		31.6	7.6	v-l 336
		" 100 mm.		17	13.1	316
		" 50 mm.		7.5	13.8	316
		"	68.95	Nonazeotrope		v-l 675
		" 4-18 atm.		Nonazeotrope		v-l 784
		"	68.7	Nonazeotrope		v-l 807c,966
10862	$C_6H_{14}O$	Hexyl alcohol	155	Nonazeotrope		215
10863	$C_6H_{14}O$	Isopropyl ether	68.3	Nonazeotrope		558
10864	$C_6H_{14}O$	4-Methyl-2-pentanol	131.8	Nonazeotrope	v-l	781
10865	$C_6H_{14}O$	Propyl ether	90.55	Nonazeotrope		538
10866	$C_6H_{14}O_2$	Acetal	104.5	Nonazeotrope		563
10867	$C_6H_{15}N$	Triethylamine	89.35	Nonazeotrope		551
10868	$C_6H_{15}NO$	2-(Diethylamino)ethanol	162.2	Nonazeotrope		575
10869	C_7F_{14}	Perfluoromethylcyclo- hexane	73-78	59		160
10870	C_7F_{16}	Perfluoroheptane	83	61		160
10871	C_7H_8	Toluene	110.68	Nonazeotrope		v-l 449c,1045
10872	C_7H_{14}	Methylcyclohexane	101.05	Nonazeotrope		v-l 676
10873	C_7H_{16}	2,2-Dimethylpentane	79.1	75.85	46.3	60
10874	C_7H_{16}	2,3-Dimethylpentane	89.8	79.2	79.5	631
		"	89.79	79.4	78.8	v-l 509
10875	C_7H_{16}	2,4-Dimethylpentane	81	> 75	48.4	160
		"	80.8	75.2	48.3	v-l 60,631, 825
10876	C_7H_{16}	Heptane	98.4	80.1	99.3	631
		"	98.45	Nonazeotrope		527
		" 180-450 mm.		Nonazeotrope		v-l 698
		"	98.4	Nonazeotrope		v-l 675
		"	98.4	Nonazeotrope		v-l 98

No.	Formula	B-Component		Azeotropic Data			
		Name	B.P., °C	B.P., °C	Wt. % A	Ref.	
A =	C₆H₆	Benzen	80.15				
		<i>(continued)</i>					
		Heptane	<160 mm.		Azeotropic		98
10877	C ₇ H ₁₆	2,2,3-Trimethylbutane,	736 mm.	79.9	75.6	50.5	v-l 365
		"			76.6	49.7	631
10878	C ₈ F ₁₈ O	Perfluorobutyl ether	100	100	68		160
10878a	C ₈ H ₁₀	Ethylbenzene	136.18		Nonazeotrope	v-l	449c
10879	C ₈ H ₁₈	Octane	125.75		Nonazeotrope	v-l	163,239
10880	C ₈ H ₁₈	2,2,4-Trimethylpentane,	35°-75° C.		Nonazeotrope	v-l	1012
		"		99.2	80.1	97.7	631
10881	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy) ethanol	230.6		Nonazeotrope		981
10882	C ₉ H ₁₀ O ₂	Ethyl benzoate	213		Vapor pressure data		563
10882a	C ₉ H ₁₂	Propylbenzene	159.24		Nonazeotrope	v-l	449c
A =	C₈H₆O	Phenol	182.2				
10883	C ₈ H ₇ N	Aniline	184.35	186.2	42		551
		"	183.91	185.84	41.9		911
		"	600 mm.	175.38	177.42	42.3	911
		"	500 mm.	168.84	170.98	43.0	911
		"	400 mm.	161.11	163.40	43.4	911
10884	C ₈ H ₇ N	2-Picoline	128.8	185.17	78.5		791
		"	129.20	185.5	75.4		27c
10885	C ₈ H ₇ N	3-Picoline	143.5	188.93	70.2		790
		"	143.0	185.5	76	v-l	729
		"	600 mm.	135.3	178.0	74	v-l 729
		"	400 mm.	121.0	166.3	71	v-l 729
		"	200 mm.	99.9	146.2	32	v-l 729,809
		"	143.2	187.2	71.4	v-l	27c,790
10886	C ₈ H ₇ N	4-Picoline	144.8	190	67.5	v-l	729
		"	600 mm.	136.0	181.2	66	v-l 729
		"	400 mm.	122.6	167.5	65	v-l 729
		"	200 mm.	101.5	147.0	64.5	v-l 729,809
		"	144.90	190.7	67.3	v-l	27c,729
10887	C ₈ H ₆ O ₄	Methyl fumarate	193.25	194.85	23		527
10888	C ₈ H ₆ O ₄	Methyl maleate	204.05		Nonazeotrope		527
10889	C ₈ H ₁₀ O	Cyclohexanone		184.5	72		274
				Composition independent of pressure			274
		"	155.7	Nonazeotrope			274
		"	50 mm.	73	71.5		215
		"	155.6	Azeotropic			177
		"	50 mm.	Max. b.p.		75.8	981
		"	200 mm.	143.0	75.2	v-l	898c
		"	90 mm.	122.5	77.2	v-l	898c
10890	C ₈ H ₁₀ O ₃	Ethyl acetoacetate	180.7	1887	Reacts		563
10891	C ₈ H ₁₀ O ₄	Ethylidene diacetate	168.5	>182.5	<18		527
10892	C ₈ H ₁₀ O ₄	Ethylene diacetate	189.86	195.53	39.2		563, 721

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₆O	Phenol (<i>continued</i>)	182.2			
10893	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	189.5	41	572
10894	C ₆ H ₁₀ O ₄	Methyl succinate	195	~ 197		563
10895	C ₆ H ₁₂ O	Cyclohexanol	160.7	183.0	87	574
		"		Nonazeotrope	v-l	5,274
		" 60 mm.		111	70	215
		" 70 mm.		111	73	177
		" 90 mm.		120	70	v-l 177
		" 200 mm.		140	71	215
		Cyclohexanol	160.65	180	87	215
10896	C ₆ H ₁₂ O ₂	Butyl acetate				
		200-760 mm.		Nonazeotrope	v-l	472
		"		Azeotropic at low pressure		473
10897	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	Nonazeotrope		575
10898	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	184.9	72	556
10899	C ₆ H ₁₂ O ₃	Ethyl α -hydroxy isobutyrate	150	Nonazeotrope		575
10900	C ₆ H ₁₂ O ₃	Isopropyl lactate	167.5	184.8	73	542
10901	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	~ 185	~ 78	563
10902	C ₆ H ₁₃ Br	1-Bromohexane	156.5	Nonazeotrope		575
10903	C ₆ H ₁₄ O	<i>n</i> -Hexyl alcohol	157.8	Nonazeotrope		536
10904	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	186.35	63	556
10905	C ₆ H ₁₄ O ₂	Pinacol	174.35	185.5	71	573
10906	C ₆ H ₁₄ O ₃	2-(2-Ethoxyethoxy)ethanol	201.9	208.0	36	567
10907	C ₆ H ₁₅ N	Triethylamine 15°C.		Nonazeotrope	v-l	627
10908	C ₇ H ₅ N	Benzonitrile	191.1	192.0	80	565
10909	C ₇ H ₈ Cl ₂	α , α -Dichlorotoluene	205.1	Reacts		563
10910	C ₇ H ₈ O	Benzaldehyde	179.2	185.6	51	563
10911	C ₇ H ₇ Br	α -Bromotoluene	198.5	Reacts		563
10912	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	183.8	175.7	43	527
10913	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	174.35	40	563
10914	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185	176.2	44	555
10915	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	Reacts		563
10916	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	159.0	3	575
10917	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	161.5	~12	538
10918	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7	Nonazeotrope		575
10919	C ₇ H ₇ I	<i>p</i> -Iodotoluene	215.0	Nonazeotrope		542
10920	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
10921	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		544
10922	C ₇ H ₈ O	Benzyl alcohol	205.15	Nonazeotrope		573
10923	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		952
10924	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		952
10925	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		952
10926	C ₇ H ₉ N	Benzylamine	185.0	196.8	45	551
10926a	C ₇ H ₉ N	2,4-Lutidine 400 mm.		171.66	57.1	263g
		" 500 mm.		178.63	57	263g
		" 600 mm.		184.76	56.8	263g
		"	159.0	193.4	57	v-l 27c

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A		Ref.
A =	C₈H₈O	Phenol (continued)	182.2				
10927	C ₇ H ₉ N	2,6-Lutidine	143.3	185.5	72.5	v-l	826
		" 600 mm.	134.5	178.5	71	v-l	826
		" 400 mm.	121.0	163.5	67	v-l	826
		" 200 mm.	100.8	143.5	64.5	v-l	826,809
		"	142	185.81	72.1		791
10928	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope			551
10929	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	Nonazeotrope			551
10930	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope			551
10931	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope			551
10932	C ₇ H ₁₂ O ₄	Ethyl malonate	198.6	Reacts			563
10933	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	183.1	80		575
10934	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	189.05	~46		563
10935	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether					
		acetate	171.75	187.0	55		527
10936	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope			575
10937	C ₇ H ₁₆ O	Heptyl alcohol	176.15	185.0	72		569
10938	C ₈ H ₈	Styrene	145.8	Nonazeotrope			575
10939	C ₈ H ₈ O	Acetophenone	202.0	202.0	7.8		552
		" 300 mm.		168.6	17.2	v-l	293
		" 100 mm.		135.7	25	v-l	293
10940	C ₈ H ₈ O ₂	Benzyl formate	202.4	Nonazeotrope			542
10941	C ₈ H ₈ O ₂	Methyl benzoate	199.55	Nonazeotrope			563
10942	C ₈ H ₈ O ₂	Phenyl acetate	195.7	196.6	~12		573
		" "	195.14	195.89	8.9		721
10943	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope			575
10944	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope			527
10945	C ₈ H ₁₀	<i>o</i> -Xylene	142.6	Nonazeotrope			563
10946	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope			575
10947	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	177.02	~ 3		541
10948	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope			542,556
10949	C ₈ H ₁₀ O ₂	Veratrol	206.8	Nonazeotrope			575
10950	C ₈ H ₁₁ N	2,4,6-Collidine	171	195.23	52.3		791
		"	171.20	194.8	46.7	v-l	27c
10951	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope			551
10952	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope			551
10953	C ₈ H ₁₄ O	Methylheptenone	173.2	184.6	67		552
10954	C ₈ H ₁₆ O	2-Octanone	172.85	184.5	68		552
10955	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope			575
10956	C ₈ H ₁₆ O ₂	Ethyl caproate	167.85	Nonazeotrope			542
10957	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	Nonazeotrope			531
10958	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	~203.5	12		542
10959	C ₈ H ₁₈	Octane	125.75	Nonazeotrope			575
10960	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope			556
10961	C ₈ H ₁₈ O	2-Ethyl-1-hexanol,					
		25 mm.		95.6	95		124,982
10962	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	195.4	13		573
10963	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	184.5	50		535

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₆O	Phenol (<i>continued</i>)	182.2			
10964	C ₈ H ₁₈ S	Butyl sulfide	172.0	<170.5	<28	566
10965	C ₈ H ₁₈ S	Isobutyl sulfide	172	<170.5	<28	555
10966	C ₈ H ₂₀ SiO ₄	Ethyl silicate	165	Nonazeotrope		563
10967	C ₉ H ₈	Indene	182.2	173.2	4 ^c	573
		"	183.0	177.8	47	541
10968	C ₉ H ₁₀	α -Methylstyrene		162	7	874
10969	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		552
10970	C ₉ H ₁₂	Cumene	152.8	149	2	215
		"	152.8	Nonazeotrope		575
10971	C ₉ H ₁₂	Mesitylene	164.6	163.5	21	575
10972	C ₉ H ₁₂	Propylbenzene	158.9	158.0	~ 4	542
		"	158.9	158.5	14	946
10973	C ₉ H ₁₂	Pseudocumene	168.2	166.0	25	542
10974	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	<181.9	<93	575
10975	C ₉ H ₁₂ O	Phenyl propyl ether	190.2	Nonazeotrope		542
10976	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.35	180.6	69.5	551
10977	C ₉ H ₁₄ O	Phorone	197.8	198.8	18	552
10978	C ₉ H ₁₄ SiO	(Trimethylsiloxy)				
		benzene	181.9	175.5	39.5	520
10979	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	183.4	80	552
10980	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	184.0	70	562
10981	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	190.0	12	562
10982	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	185.0	~58	573
10983	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		575
10984	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	182.8	92	573
10985	C ₉ H ₁₈ O ₂	Isobutyl valerate	171.2	Nonazeotrope		564
		"	171.35	Nonazeotrope		542
10986	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	192.5	26	563
10987	C ₁₀ H ₈	Naphthalene	218.1	Nonazeotrope		563
10988	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		575
10989	C ₁₀ H ₁₄	Butylbenzene	183.1	175.0	46	562
10990	C ₁₀ H ₁₄	<i>sec</i> -Butylbenzene	173.3	166.5	31.8	v-1 973
10991	C ₁₀ H ₁₄	Cymene	176.7	~170.5	37	542
10992	C ₁₀ H ₁₆	Camphene	159.6	156.1	22	530
10993	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	169.0	40.5	563
10994	C ₁₀ H ₁₆	Nopinene	163.8	~159	~25	563
10995	C ₁₀ H ₁₆	α -Phellandrene	171.5	165	35	563
10996	C ₁₀ H ₁₆	α -Pinene	155.8	152.75	19	563
10997	C ₁₀ H ₁₆	α -Terpinene	173.4	166.7	36	562
10998	C ₁₀ H ₁₆	Terpinene	181.5	171.5	45	542
10999	C ₁₀ H ₁₆	Terpinolene	185	173	~62	563
		"	184.6	172.8	46	562
11000	C ₁₀ H ₁₆	Thymene	179.7	172.25	40	530
11001	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
11002	C ₁₀ H ₁₆ O	Carvenone	234.5	Max b.p.		563
11003	C ₁₀ H ₁₆ O	Fenchone	193.6	196.2	25	552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₆H₆O	Phenol (continued)	182.2			
11004	C ₁₀ H ₁₈	Menthene	170.5	~ 164	~ 33	563
11005	C ₁₀ H ₁₈ O	Borneol	211.8	Nonazeotrope		563
11006	C ₁₀ H ₁₈ O	Cineole	176.4	182.85	72	528
11007	C ₁₀ H ₁₈ O	1,4-Cineole, 100 mm.	105-106	119.3-120	88.7	426
11008	C ₁₀ H ₁₈ O	1,8-Cineole, 100 mm.	107.9	121-121.2	67	426
11009	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		535
11010	C ₁₀ H ₁₈ O	Menthone	~206	Nonazeotrope		563
11011	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		575
11012	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		575
11013	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		575
11014	C ₁₀ H ₂₀ O	Menthol	212	Nonazeotrope		563
11015	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	193.5	Nonazeotrope		564
11016	C ₁₀ H ₂₂	Decane	173.3	168.0	35	562
11017	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	159.5	6	544
11018	C ₁₀ H ₂₂ O	Amyl ether	187.5	180.2	78	562
11019	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	172.2	15	556
11020	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		566
11021	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		556
11021a	C ₁₁ H ₂₄	Undecane 350 mm.		142.20	41	v-1 263g
		" 550 mm.		158.90	44.5	v-1 263g
		"		172.46	45.90	v-1 263c,263e
11022	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	Nonazeotrope		563
11023	C ₁₃ H ₂₈	Tridecane	235.42	180.56	83.1	911
		" 600 mm.	225.60	172.24	82.3	911
		" 500 mm.	218.20	165.87	82.1	911
		" 450 mm.	214.13	162.20	81.8	911
A =	C₆H₆O₂	Pyrocatechol	245.9			
11024	C ₆ H ₆ O ₂	Resorcinol	281.4	Nonazeotrope		575
11025	C ₆ H ₄ O ₃	Dipropylene glycol	229.2	253.0	~ 88	575
11026	C ₇ H ₆ Cl ₂	α,α -Dichlorotoluene	205.2	Reacts		542
11027	C ₇ H ₆ O ₂	Benzoic acid	250.5	245.85	98	538
11028	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	Nonazeotrope		575
11029	C ₇ H ₇ I	<i>p</i> -Iodotoluene	215.0	214.0	7	542
11030	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		554
11031	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		554
11032	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	238.7	11	554
11033	C ₇ H ₈ O ₂	<i>m</i> -Methoxyphenol	243.8	241.5		542
11034	C ₈ H ₇ N	Indole	253.5	255.0	15	575
11035	C ₈ H ₈ O ₂	Anisaldehyde	249.5	253	25	556
11036	C ₈ H ₈ O ₂	α -Toluic acid	266.5	Nonazeotrope		575
11037	C ₈ H ₈ BrO	<i>p</i> -Bromophenetole	234.2	231.5	20	575
11038	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		549
11039	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	246.0	92	551
11040	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	253.8	34	551
11041	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		575
11042	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_6H_6O_2$	Pyrocatechol (<i>continued</i>)	245.9			
11043	C_9H_7N	Quinoline	237.4	257.9	61	564
11044	C_9H_8O	Cinnamaldehyde	253.5	Nonazeotrope		545
11045	$C_9H_{10}O$	Cinnamyl alcohol	257.0	Nonazeotrope		575
11046	$C_8H_{10}O$	<i>p</i> -Methylacetophenone	226.35	246.3	87.5	552
11047	$C_9H_{10}O_3$	Ethyl salicylate	234.0	Nonazeotrope		538
11048	$C_8H_{12}O$	3-Phenylpropanol	235.6	Nonazeotrope		575
11049	$C_9H_{18}O_2$	Pelargonic acid	254.0	Nonazeotrope		575
11050	$C_{10}H_7Br$	1-Bromonaphthalene	281.8	245.5	~ 80	542
11051	$C_{10}H_7Cl$	1-Chloronaphthalene	262.7	241.0	59	542
11052	$C_{10}H_8$	Naphthalene	218.05	217.45	11.5	538
11053	$C_{10}H_9N$	Quinaldine	246.5	252.5	48	575
11054	$C_{10}H_{10}O_2$	Isosafrole	252.0	243.0	70	544
11055	$C_{10}H_{10}O_2$	Methyl cinnamate	261.9	Nonazeotrope		542
11056	$C_{10}H_{10}O_2$	Safrole	235.9	233.55	23	536
11057	$C_{10}H_{12}O$	Anethole	235.7	233.0	25	562
11058	$C_{10}H_{12}O_2$	Ethyl α -toluate	228.75	Nonazeotrope		573
11059	$C_{10}H_{12}O_2$	Eugenol	254.8	245.85	98.5	538
11060	$C_{10}H_{12}O_2$	Propyl benzoate	230.9	Nonazeotrope		538
11061	$C_{10}H_{14}O$	Carvacrol	237.85	236.7	30	575
11062	$C_{10}H_{14}O$	Carvone	231.0	248.3	71	552
11063	$C_{10}H_{14}O$	Thymol	232.9	232.2	17	549
11064	$C_{10}H_{14}O_2$	<i>m</i> -Diethoxybenzene	235.4	< 233.5	< 29	575
11065	$C_{10}H_{16}$	Terpinolene	184.6	Nonazeotrope		575
11066	$C_{10}H_{16}O$	Pulegone	223.8	246.5	90	552
11067	$C_{10}H_{18}O$	Geraniol	229.7	Nonazeotrope		542
11068	$C_{10}H_{20}O_2$	Capric acid	268.8	Nonazeotrope		575
11069	$C_{10}H_{22}O$	Decyl alcohol	232.9	Nonazeotrope		573
11070	$C_{11}H_{10}$	1-Methylnaphthalene	244.9	235.1	40	536
11071	$C_{11}H_{10}$	2-Methylnaphthalene	241.15	233.25	37	527
11072	$C_{11}H_{12}O_2$	Ethyl cinnamate	272.0	Nonazeotrope		575
11073	$C_{11}H_{14}O_2$	1-Allyl-3,4-dimethoxybenzene	255.0	Nonazeotrope		538
11074	$C_{11}H_{14}O_2$	Butyl benzoate	249.8	Nonazeotrope		542
11075	$C_{11}H_{14}O_2$	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		542
11076	$C_{11}H_{14}O_2$	Isobutyl benzoate	241.9	Nonazeotrope		538
11077	$C_{11}H_{16}O$	Methyl thymyl ether	216.5	Nonazeotrope		575
11078	$C_{11}H_{20}O$	α -Terpineol methyl ether	216.2	Nonazeotrope		542
11079	$C_{11}H_{22}O_3$	Isoamyl carbonate	232.2	Nonazeotrope		542
11080	$C_{12}H_{10}$	Acenaphthene	277.9	245.25	84	542
11081	$C_{12}H_{10}$	Biphenyl	255.9	239.85	56.5	542
11082	$C_{12}H_{10}O$	Phenyl ether	259.3	242.0	59.3	538
11083	$C_{12}H_{16}O_2$	Isoamyl benzoate	262.0	Nonazeotrope		542
11084	$C_{12}H_{18}$	1,3,5-Triethylbenzene	215.5	214.7		542
		" "	215.5	214.7	8.9	946
11085	$C_{12}H_{20}O_2$	Bornyl acetate	227.7	Nonazeotrope		542

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₆O₂	Pyrocatechol (<i>continued</i>)	245.9			
11086	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		544
11087	C ₉ H ₁₀	Fluorene	295	Nonazeotrope		575
11088	C ₁₃ H ₁₂	Diphenyl methane	265.6	243.05	65	536
11089	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	Nonazeotrope		575
11090	C ₁₃ H ₂₆	Tridecane	234.0	229.7	30	542
11091	C ₁₄ H ₁₄	1,2-Diphenylethane	284.9	Nonazeotrope		542
A =	C₆H₆O₂	Resorcinol	281.4			
11092	C ₆ H ₆ O ₃	Pyrogallol	309	Nonazeotrope		575
11093	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		575
11094	C ₈ H ₈ O ₂	α -Toluic acid	266.5	Nonazeotrope		541
11095	C ₉ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		551
11096	C ₉ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope		544
11097	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		575
11098	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		544
11099	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.8	266.3	45	542
11100	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	255.8	26	542
11101	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		538
11102	C ₁₀ H ₈ O	1-Naphthol	288.0	280.2	70	575
11103	C ₁₀ H ₈ O	2-Naphthol	295	280.8	85	575
11104	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		542
11105	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		538
11106	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.7	287.5	38	544
11107	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		542
11108	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.5	Nonazeotrope		542
11109	C ₁₀ H ₁₆ O ₄	Propyl succinate	250.5	Nonazeotrope		575
11110	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		575
11111	C ₁₀ H ₂₀ O ₂	Capric acid	268.8	Nonazeotrope		575
11112	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	243.1	14.5	538
11113	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	240.05	10.5	527
11114	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	271.5	Nonazeotrope		542
11115	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxy- benzene	255.0	Nonazeotrope		542
11116	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenyl- benzene	270.5	Nonazeotrope		544
11117	C ₁₁ H ₁₆ O	<i>p</i> - <i>tert</i> -Amylphenol	266.5	265.8	15	575
11118	C ₁₂ H ₁₀	Acenaphthene	277.9	266.2	41	542
11119	C ₁₂ H ₁₀	Biphenyl	255.9	252.15	21	542
11120	C ₁₂ H ₁₀ O	Phenyl ether	259.3	255.65	23	556
11121	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		538
11122	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		542
11123	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	282.5	85	544
11124	C ₁₃ H ₁₀	Fluorene	295.0	274.0	48	562
11125	C ₁₃ H ₁₂	Diphenylmethane	265.6	258.95	26	536
11126	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	<275.0	<83	562
11127	C ₁₃ H ₂₈	Tridecane	234.0	233.25	12	542
11128	C ₁₄ H ₁₂	Stilbene	306.5	277.5	56	562

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₆O₂	Resorcinol (<i>continued</i>)	281.4			
11129	C ₁₄ H ₁₄	1,2-Diphenylethane	284.9	269.7	47	542
A =	C₆H₆O₃	Pyrogallol	309			
11130	C ₁₀ H ₈ O	2-Naphthol	295.0	293.5	78	575
11131	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	< 240.6	< 6	575
11132	C ₁₂ H ₁₀	Acenaphthene	277.9	272.8	20	562
11133	C ₁₂ H ₁₀	Biphenyl	256.1	253.5	10	562
11134	C ₁₃ H ₁₂	Diphenylmethane	265.4	< 263.5	> 11	562
11135	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	< 283.5	< 20	575
A =	C₆H₆S	Benzenethiol	169.5			
11136	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	< 161.5	79	566
11137	C ₈ H ₁₆ O ₂	Isobutyl butyrate	157	~ 155	~ 15?	563
11138	C ₁₀ H ₁₆	Camphene	~ 158	Reacts		563
11139	C ₁₀ H ₁₆	α -Phellandrene	171.5	Reacts		563
11140	C ₁₀ H ₁₆	α -Pinene	155.8	Reacts		563
11141	C ₁₀ H ₁₈	Menthene	170.8	Reacts		563
A =	C_nH_nN	Aniline	184.35			
11142	C _n H _{2n-6}	Aromatic hydrocarbons	160-175	Min. b.p.		196
11143	C _n H _{2n+2}	Paraffins	160-175	Min. b.p.		196
11144	C ₆ H ₁₀ O	Cyclohexanone	155.7	Nonazeotrope		551
11145	C ₈ H ₁₀ O ₄	Ethyl oxalate	185.0	~ 181.5	~ 40	563
11146	C ₆ H ₁₁ NO	Caprolactam	5 mm.	Nonazeotrope		v-l 191
		"	10 mm.	Nonazeotrope		v-l 191
11147	C ₆ H ₁₁ NO ₂	Nitrocyclohexane	205.4	Nonazeotrope		551
11148	C ₆ H ₁₂	Cyclohexane	80.75	Nonazeotrope		551
11149	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		v-l 704,705
		"		Nonazeotrope		551
11150	C ₆ H ₁₃ N	Cyclohexylamine	134	Nonazeotrope		413,704
		"	134			v-l 705
11151	C ₆ H ₁₄	Hexane, 556-731 mm.		Nonazeotrope		v-l 1053
		"	68.8	Nonazeotrope		551
11152	C ₆ H ₁₄ O	<i>n</i> -Hexyl alcohol	157.85	Nonazeotrope		551
11153	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		551
11154	C ₆ H ₁₄ O ₂	Pinacol	174.35	172.0	45	551
11155	C ₆ H ₁₄ O ₃	2-(2-Ethoxyethoxy)ethanol	201.9	Nonazeotrope		575
11156	C ₆ H ₁₅ NO	2-Diethylaminoethanol	162.2	Nonazeotrope		551
11157	C ₆ H ₇ N	Benzonitrile	191.1	Nonazeotrope		565
11158	C ₇ H ₆ O	Benzaldehyde	179.2	Reacts		563
11159	C ₇ H ₇ Br	α -Bromotoluene	198.5	Reacts		563
11160	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	179.9	39	551
11161	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	178.45	35	551
11162	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	180.2	44	551
11163	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	Reacts		563
11164	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		551
11165	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		551

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C ₆ H ₇ N	Aniline (<i>continued</i>)	184.35			
11166	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		551
11167	C ₇ H ₈	Toluene	110.75	Nonazeotrope		551
		"	110.7		v-1	390
11168	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		551
11169	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		551
11170	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		551
11171	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	191.25	8	551
11172	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		551
11173	C ₇ H ₈ O ₂	Guaiacol	205.05	Nonazeotrope		551
11174	C ₇ H ₉ N	Benzylamine	185.0	185.55	44	568
11175	C ₇ H ₉ N	<i>N</i> -Methylaniline,				
		95°-145°C.		Nonazeotrope	v-1	181
11176	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		551
11177	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	168		576
11178	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	~ 180		563
11179	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		527
		"	98.4		v-1	390
11180	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.15	175.4	22	551
11181	C ₈ H ₈	Styrene	145.8	Nonazeotrope		551
11182	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		551
11183	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		551
11184	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		527
11185	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		551
11186	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	Nonazeotrope		551
11187	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		551
11188	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		551
11189	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		551
11190	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		551
11191	C ₈ H ₁₀ O ₂	Veratrole	206.8	Nonazeotrope		551
11192	C ₈ H ₁₁ N	<i>N,N</i> -Dimethylaniline,				
		36.7 mm.		95	74.5	v-1 181
		" 101.4 mm.		120	76.1	v-1 181
		" 243.1 mm.		145	77.5	v-1 181
11193	C ₈ H ₁₄ O	Methylheptenone	173.2	Reacts		535
11194	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		551
11195	C ₈ H ₁₆ O	2-Octanone	~ 173	Nonazeotrope		563
11196	C ₈ H ₁₈	Isocotane, 86-741 mm.		Nonazeotrope	v-1	1053
11197	C ₈ H ₁₈	Octane 400 mm.		103.80	0.3	911
		" <400 mm.		Min. b.p.		911
		" >400 mm.		Nonazeotrope		911
		" 125.75		Nonazeotrope		551
11198	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		551
11199	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		551
11200	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	183.95	83	551
11201	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	179.0	36	551

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C ₆ H ₇ N	Aniline (<i>continued</i>)	184.35			
11202	C ₉ H ₈	Indene	182.6	179.75	41.5	551
11203	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		551
11204	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		196,551
11205	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		551
11206	C ₉ H ₁₂	Pseudocumene	168.2	<167.8	<13	551
11207	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	179.8	51	551
11208	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	<183.5	<82	551
11209	C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine	185.3	180.55	51.5	549
11210	C ₉ H ₂₀	Nonane	150.7	149.20	13.5	506
		"	150.4	148.94	13.2	911
		"				
		" 600 mm.		140.29	13.9	911
		" 500 mm.		133.38	14.6	911
		" 400 mm.		126.31	14.9	911
11211	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		551
11212	C ₁₀ H ₁₄	Butylbenzene	183.1	177.8	46	551
11213	C ₁₀ H ₁₄	Cymene	176.7	173.5	27	551
		" 50 mm.			21.3	v-l 239
		" 100 mm.		106.3	23	v-l 239
		" 300 mm.				v-l 239
		" 500 mm.				v-l 239
		" 760 mm.		172.80	31.3	v-l 239
11214	C ₁₀ H ₁₆	Camphene	159.6	157.5	13	551
11215	C ₁₀ H ₁₆	Dipentene	177.7	171.3	39	551
11216	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	171.35	38.8	563
11217	C ₁₀ H ₁₆	Nopinene	163.8	161.8	23	551
11218	C ₁₀ H ₁₆	α -Phellandrene	171.5	167	~ 30	563
11219	C ₁₀ H ₁₆	α -Pinene	155.8	155.25	15	551
11220	C ₁₀ H ₁₆	α -Terpinene	173.4	169.5	32	551
11221	C ₁₀ H ₁₆	γ -Terpinene	181.5	174	~ 42	538
11222	C ₁₀ H ₁₆	Terpinolene	184.6	175.8	52	551
11223	C ₁₀ H ₁₆	Thymene	179.7	173.5	41	532
11224	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		551
11225	C ₁₀ H ₁₆ O	Fenchone	193	Nonazeotrope		563
11226	C ₁₀ H ₁₈	<i>d</i> -Menthene	170.8	<167.5	<34	551
11227	C ₁₀ H ₁₈ O	Cineole	176.35	174.65	30	551
11228	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		551
11229	C ₁₀ H ₁₈ O	β -Terpineol	210.75	Nonazeotrope		551
11230	C ₁₀ H ₂₂	<i>n</i> -Decane	173.3	<169.5	<36	551
		"	174.6	167.28	36	506
11231	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	<159.5	<22	551
11232	C ₁₀ H ₂₂ O	Amyl ether	187.5	177.5	55	551
11233	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	169.35	28	551
11234	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527,551
11235	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<183.8	<80	551
		"	192.2	Nonazeotrope		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C_6H_7N	Aniline (<i>continued</i>)	184.35			
11236	$C_{11}H_{24}$	Undecane	195.5	175.90	57.8	506
		"	194.5	175.31	57.5	911
		" 600 mm.		166.03	56.1	911
		" 500 mm.		159.34	55.6	911
		" 450 mm.		155.34	55.6	911
11237	$C_{12}H_{18}$	1,3,5-Triethylbenzene	215.5	Nonazeotrope		550
11238	$C_{12}H_{22}O$	Ethyl isobornyl ether	203.8	Nonazeotrope		575
11239	$C_{12}H_{26}$	Dodecane	216.5	180.37	71.5	506
11240	$C_{13}H_{28}$	Tridecane	234.6	183.07	87.0	506
		"	235.42	182.93	86.2	911
		" 600 mm.	225.60	174.20	85.4	911
		" 500 mm.	218.20	167.42	85.4	911
		" 400 mm.	209.60	159.43	84.2	911
11241	$C_{14}H_{30}$	Tetradecane	252.5	183.90	95.2	506
A =	C_6H_7N	Picolines				
11242	C_8H_8	Styrene	145	Min. b.p.		243
11243	C_8H_{10}	Ethylbenzene	136	Min. b.p.		243
11244	C_8H_{10}	Xylenes	140	Min. b.p.		243
A =	C_6H_7N	2-Picoline	130.7			
11245	$C_6H_{10}S$	Allyl sulfide	139.35	<130.2	<95	575
11246	$C_6H_{12}O_3$	Paraldehyde	124.5	Nonazeotrope		981
11247	$C_6H_{14}S$	Propyl sulfide	141.5	129.8	90	575
11248	C_8H_{18}	Octane	125.75	121.12	42	1067
11249	C_8H_{18}	2,2,4-Trimethylpentane	99.3	Nonazeotrope		575
11250	C_9H_{20}	Nonane	150.7	129.2	84.1	1067
A =	C_6H_7N	3-Picoline	144			
11251	$C_6H_{10}S$	Allyl sulfide	139.35	135.5	30	575
11252	C_7H_8	Toluene	110.7	Nonazeotrope		175
11253	C_7H_9N	2,6-Lutidine	144.06	143.5	27.3	v-1 99
11254	C_8H_{18}	2,3,4-Trimethylpentane	113.4	Nonazeotrope		175
A =	C_6H_7N	4-Picoline	145.3			
11255	C_7H_8	Toluene	110.7	Nonazeotrope		175
11256	C_8H_{18}	2,3,4-Trimethylpentane	113.4	Nonazeotrope		175
A =	C_6H_8ClN	1,3-Cyclohexadiene	80.8			
11257	C_6H_{10}	Cyclohexene	82.75	Nonazeotrope		563
11258	C_6H_{12}	Cyclohexane	80.75	79.0	45	561
A =	C_6H_8ClN	Aniline Hydrochloride				
11259	$C_{12}H_{11}N$	Diphenylamine,				
		" 100 mm			45.8	425
		" 250 mm.			48	425
		" 350 mm.	265	215	50	425
		" 740 mm		233	65	425
		" 2500 mm.		270		425

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₈H₈N₂	2-Amino-3-methylpyridine	221			
11260	C ₁₁ H ₁₀	1-Methylnaphthalene,				
		“ 20 mm.		115	68.2	270,271
		“ 50 mm.		136	75.2	270,271
		“ 150 mm.		166	89.7	270,271
		“ 290 mm.		187	96.4	270,271
		“ 400 mm.		198	98.7	270,271
		“ 760 mm.	244.8	Nonazeotrope		270,271
11261	C ₁₁ H ₁₀	2-Methylnaphthalene,				
		“ 16 mm.		109	57.5	270,271
		“ 50 mm.		137	69.5	270,271
		“ 150 mm.		165	76.8	270,271
		“ 400 mm.		196	92	270,271
		“ 550 mm.		209	96	270,271
		“ 760 mm.	241.1	Nonazeotrope		270,271
A =	C₈H₈N₂	<i>o</i>-Phenylenediamine	258.6			
11262	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		551
11263	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		527
11264	C ₈ H ₈ O ₂	<i>m</i> -Methoxyphenol	243.8	Nonazeotrope		551
11265	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		527
11266	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		527
11267	C ₁₀ H ₈ O	1-Naphthol	288.0	Nonazeotrope		527
11268	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	249.2	30	527
11269	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		527
11270	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		527
11271	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		551
11272	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	Nonazeotrope		575
11273	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		527
11274	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	<243.0	<17	527
11275	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethylbenzene	254.7	250.5	38	527
11276	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		551
11277	C ₁₂ H ₁₀	Acenaphthene	277.9	<258.0		527
11278	C ₁₂ H ₁₀	Biphenyl	256.1	249.7	37	527
11279	C ₁₂ H ₁₀ O	Phenyl ether	259.0	251.2	46	527
11280	C ₁₃ H ₁₂	Diphenylmethane	265.4	254.0	70	527
11281	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope		527
A =	C₈H₈O₄	Methyl Fumarate	193.25			
11282	C ₈ H ₈ O ₄	Methyl maleate	204.05	Nonazeotrope		527
11283	C ₈ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		527
11284	C ₈ H ₁₀ O ₄	Glycol diacetate	186.3	Nonazeotrope		549
11285	C ₈ H ₁₂ O ₂	Caproic acid	205.15	Nonazeotrope		575
11286	C ₈ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		527
11287	C ₇ H ₇ Br	α -Bromotoluene	198.5	<192.3		575
11288	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	183.65	16	527
11289	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		527
11290	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₈O₄	Methyl Fumarate	(continued)	193.25		
11291	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	204.3	72	526
11292	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	197.8	60	570
11293	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	204.0	29	527
11294	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35		Nonazeotrope	527
11295	C ₈ H ₈ O ₂	Methyl benzoate	199.4		Nonazeotrope	527,549
11296	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05		Nonazeotrope	527
11297	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	<190.1	<72	527
11298	C ₉ H ₈	Indene	182.6		Nonazeotrope	575
11299	C ₈ H ₁₂ O	Benzyl ethyl ether	185.0	183.5	32	527
11300	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	189.4	46	527
11301	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	575
11302	C ₁₀ H ₁₄	Butylbenzene	183.1		Nonazeotrope	575
11303	C ₁₀ H ₁₆	Dipentene	177.7	172.5	70	562
11304	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope	575
11305	C ₁₀ H ₁₆	α -Terpinene	173.4	170.5	75	562
11306	C ₁₀ H ₁₈ O	Borneol	215		Nonazeotrope	575
11307	C ₁₀ H ₁₈ O	Cineole	176.35	175.75	15	557
11308	C ₁₀ H ₁₈ O	Citronellal	208.0		Nonazeotrope	575
11309	C ₁₀ H ₂₀ O ₂	Ethyl-caprylate	208.35		Nonazeotrope	575
11310	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	189.3	95	569
		"	192.7	189.3	43	549
11311	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	172.35	16	527
11312	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	185.5	48	527
11313	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	191.2	80	557
11314	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	<191.5	<81	557
A =	C₆H₈O₄	Methyl Maleate	204.05			
11315	C ₆ H ₁₀ O ₄	Methyl succinate	195.5		Nonazeotrope	527
11316	C ₆ H ₁₂ O ₂	Caproic acid	205.15	201.5	63	562
11317	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	198.3	40	562
11318	C ₇ H ₇ Br	α -Bromotoluene	198.5	197.7	12	575
11319	C ₇ H ₈ O	Benzyl alcohol	205.25		Reacts	527
11320	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	208.75	55	527
11321	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	204.65	78	527
11322	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	208.6	56	569,570
11323	C ₇ H ₈ O ₂	Guaiacol	205.05	205.15	20	527
11324	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35		Nonazeotrope	527
11325	C ₈ H ₈ O	Acetophenone	202.0	201.0	39	569
11326	C ₈ H ₈ O ₂	Methyl benzoate	199.4	198.95	25	527
11327	C ₈ H ₈ O ₂	Phenyl acetate	195.7		Nonazeotrope	527
11328	C ₈ H ₁₀ O	3,4-Xylenol	226.8		Nonazeotrope	527
11329	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	<202.8	>55	557
11330	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5		Nonazeotrope	575
11331	C ₈ H ₁₀ O ₂	Veratrole	206.8	<200.9		557
11332	C ₈ H ₁₄ O ₄	Propyl oxalate	214		Nonazeotrope	575
11333	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	200.0	45	575
11334	C ₈ H ₁₈ O	Octyl alcohol	195.2	193.55	32	550

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₈O₄	Methyl Maleate (<i>continued</i>)	204.05			
11335	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		527
11336	C ₁₀ H ₈	Naphthalene	218.0	203.7	87	527
11337	C ₁₀ H ₁₂ O	Estragol	215.6	Nonazeotrope		557
11338	C ₁₀ H ₁₈ O	Borneol	215.0	202.95	78	527
11339	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		575
11340	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		575
11341	C ₁₀ H ₁₈ O	Linalool	198.6	<197.2	<40	575
11342	C ₁₀ H ₁₈ O	α-Terpineol	218.85	<203.8		575
11343	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	190.65	25	527
11344	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	203.0	82	566
11345	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
11346	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		557
11347	C ₁₂ H ₁₈	Triethylbenzene	215.5	<202.8	>72	527
11348	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	<197.8		557
A =	C₈H₁₀	Biallyl	60.1			
11349	C ₈ H ₁₄	2,3-Dimethylbutane	58.0	< 57.5	42	561
A =	C₆H₁₀	Cyclohexene	82.75			
11350	C ₆ H ₁₂	Cyclohexane	80.0	Nonazeotrope	v-l	365
		"	80.75	< 80.6	>10	561
11351	C ₆ H ₁₄	Hexane	68.95	Nonazeotrope		563
11352	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		548
11353	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		558
11354	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		575
11355	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		575
A =	C₈H₁₀	Hexyne	70.2			
11355a	C ₈ H ₁₂	Hexene	63.6	Nonazeotrope	v-l	498f
11355b	C ₈ H ₁₄	Hexane	400 mm.	47.8	31.7	v-l 498f
		"	600 mm.	59.8	34.2	v-l 498f
		"	760 mm.	67.2	34.0	v-l 498f
A =	C₆H₁₀	Methylcyclopentene	75.85			
11356	C ₆ H ₁₄	Hexane	68.8	< 68.6	> 7	561
A =	C₆H₁₀O	Cyclohexanone	155.7			
11357	C ₆ H ₁₂ O	Cyclohexanol	160.8	Nonazeotrope		274,552
		"	100 mm.	Nonazeotrope	v-l	177
		"	300 mm.	119.6	87.7	v-l 248
		"	100 mm.	91	82.7	v-l 248
		"	30 mm.	Nonazeotrope	v-l	248
11358	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	Nonazeotrope		552
11359	C ₆ H ₁₂ ClO ₂	Chloroacetal	157.4	155.3		552
11360	C ₆ H ₁₄ O	Hexyl alcohol	157.85	155.65	94	552
11361	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		575
11362	C ₇ H ₇ Cl	o-Chlorotoluene	159.2	Nonazeotrope		552
11363	C ₇ H ₇ Cl	p-Chlorotoluene	162.4	Nonazeotrope		552
11364	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		552
11365	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₁₀O	Cyclohexanone (<i>continued</i>)	155.7			
11366	C ₇ H ₁₄ O ₂	Methyl caproate	149.7		Nonazeotrope	552
11367	C ₈ H ₁₀	<i>o</i> -Xylene	144.3		Nonazeotrope	552
11368	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4		Nonazeotrope	552
11369	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7		Nonazeotrope	552
11370	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	155.3	60	552
11371	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	155.2	45	552
11372	C ₉ H ₁₂	Cumene	152.8	152.0	65	552
11373	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope	552
11374	C ₉ H ₁₂	Pseudocumene	168.2		Nonazeotrope	575
11375	C ₁₀ H ₁₆	Camphene	159.6	150.55	57.5	552
11376	C ₁₀ H ₁₆	Nopinene	163.8	152.2	65	552
11377	C ₁₀ H ₁₆	α -Pinene	155.8	149.8	40	552
11378	C ₁₀ H ₁₆	α -Terpinene	173.4		Nonazeotrope	552
11379	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	151.5	55	552
A =	C₈H₁₀O	Mesityl Oxide	130.5			
11380	C ₈ H ₁₀ S	Allyl sulfide	139.35		Nonazeotrope	566
11381	C ₈ H ₁₂ O	4-Methyl-2-pentanone	116.2		Nonazeotrope	981
11382	C ₈ H ₁₂ O ₂	Butyl acetate	126.0		Nonazeotrope	527
11383	C ₈ H ₁₂ O ₂	4-Hydroxy-4-methyl-2-pentanone	169.2		Nonazeotrope	981
11384	C ₈ H ₁₂ O ₂	Isoamyl formate	123.8		Nonazeotrope	527
11385	C ₈ H ₁₂ O ₂	Propyl propionate	123.0		Nonazeotrope	527
11386	C ₈ H ₁₂ O ₃	Paraldehyde	124.35		Nonazeotrope	552
11387	C ₇ H ₈	Toluene	110.75		Nonazeotrope	527
11388	C ₇ H ₁₂ O	3-Hepten-2-one	162.9		Nonazeotrope	981
11389	C ₇ H ₁₄	Methylcyclohexane	101.15		Nonazeotrope	552
11390	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7		Nonazeotrope	527
11391	C ₇ H ₁₄ O ₂	Isobutyl propionate	134.0		Nonazeotrope	552
11392	C ₇ H ₁₄ O ₂	Propyl isobutyrate	133.9		Nonazeotrope	531
11393	C ₈ H ₁₀	Ethylbenzene	136.15		Nonazeotrope	527
11394	C ₈ H ₁₀	<i>m</i> -Xylene	139.2		Nonazeotrope	527
11395	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	118.0	25	552
11396	C ₈ H ₁₆ O ₂	4-Methyl-2-pentyl acetate	146.1		Nonazeotrope	981
11397	C ₈ H ₁₆ O ₂	Propyl isovalerate	134.7		Nonazeotrope	552
11398	C ₈ H ₁₈	Octane	125.75	121.0	35	527
11399	C ₈ H ₁₈ O	Butyl ether	142.4		Nonazeotrope	552
11400	C ₈ H ₁₈ O	Isobutyl ether	122.3		Nonazeotrope	552
11401	C ₈ H ₁₉ N	Diisobutylamine	138.5	<128.5	>25	575
11402	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	169.4		Nonazeotrope	981
A =	C₈H₁₀O	Methyldihydropyran				
11402a	C ₈ H ₁₂ O ₃	4,4-Dimethyl-1,3-dioxane			Nonazeotrope	581c
		"	133.3		Nonazeotrope	v-1 581g
11402b	C ₈ H ₁₄ O	Isopropyl ether	69		Nonazeotrope	581c

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₆H₁₀O	2,5-Hexanedione	192.2			
11403	C ₇ H ₈ O	<i>m</i> -Cresol	202.4		36.3 v-1	730
11404	C ₇ H ₈ O	<i>p</i> -Cresol	202.0		32.2 v-1	730
11405	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	66.0	24	51
11406	C ₈ H ₁₈ O	Octyl alcohol	195.2	190.0	65	860
11407	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	<179.0	>18	575
A =	C₆H₁₀O₃	Ethyl Acetoacetate	180.4			
11408	C ₆ H ₁₀ O ₄	Ethyl oxalate	185.65	Nonazeotrope		527
11409	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	Nonazeotrope		552
11410	C ₇ H ₉ Cl ₂	α,α -Dichlorotoluene	205.1	Nonazeotrope		563
11411	C ₇ H ₈ O	Benzoic acid	179.2	Reacts		563
11412	C ₇ H ₇ Br	α -Bromotoluene	198.5	Azeotrope doubtful		563
11413	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	176.5	55	527
11414	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	174.7	51	552
11415	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185	176.5	55	552
11416	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	175	35	552
11417	C ₇ H ₇ Cl	α -Chlorotoluene	159.2	Nonazeotrope		552
11418	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		552
11419	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		552
11420	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Reacts		563
11421	C ₈ H ₈	Styrene	145.8	Nonazeotrope		552
11422	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		552
11423	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		552
11424	C ₈ H ₁₀	<i>m</i> -Xylene	139	Nonazeotrope		564
11425	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		552
11426	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	Nonazeotrope		564
11427	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	175.7		571
11428	C ₈ H ₁₀ O	Phenetole	170.45	169.8	24	552
11429	C ₈ H ₁₀ O ₂	Veratrole	206.8	Nonazeotrope		552
11430	C ₈ H ₁₄ O	Methylheptenone	173.2	173.0	30?	552
11431	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		552
11432	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		552
11433	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		552
11434	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		572
11435	C ₈ H ₁₈ S	Butyl sulfide	185.0	<178.5	<78	566
11436	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	171.0	10	567
11437	C ₉ H ₈	Indene	182.6	177.15	68	552
11438	C ₉ H ₁₂	Mesitylene	164.6	162.5	32	552
11439	C ₉ H ₁₂	Propylbenzene	159.3	158.3	24	552
11440	C ₉ H ₁₂	Pseudocumene	168.2	165.2	37	552
11441	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	175.5	>75	552
11442	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
11443	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	174.5	60	564
11444	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	169.0	20	552
11445	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	170.2	25	552

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_6H_{10}O_3$	Ethyl Acetoacetate	180.4			
		<i>(continued)</i>				
11446	$C_9H_{18}O_2$	Methyl caprylate	192.9	180.0	80	575
11447	$C_{10}H_8$	Naphthalene	218.0	Nonazeotrope		552
11448	$C_{10}H_{14}$	Butylbenzene	183.1	174.0	52	552
11449	$C_{10}H_{14}$	Cymene	176.7	170.5	41	552
11450	$C_{10}H_{16}$	Camphene	159.6	156.15	30	552
11451	$C_{10}H_{16}$	Dipentene	177.7	169.05	43	552
11452	$C_{10}H_{16}$	<i>d</i> -Limonene	177.8	169.05	43	563
11453	$C_{10}H_{16}$	Nopinene	163.8	159.3	<35	552
11454	$C_{10}H_{16}$	α -Phellandrene	171.5	165	~ 40	563
11455	$C_{10}H_{16}$	α -Pinene	155.8	153.35	22	552
11456	$C_{10}H_{16}$	α -Terpinene	173.4	166.6	40	552
11457	$C_{10}H_{16}$	Terpinene	181.5	171.0	50	545
11458	$C_{10}H_{16}$	Terpinolene	184.6	172.2	55	552
11459	$C_{10}H_{16}O$	Fenchone	193.6	Nonazeotrope		552
11460	$C_{10}H_{18}$	<i>m</i> -Menthene-8	170.8	164.9		552
11461	$C_{10}H_{18}O$	Cineol	176.35	168.75	43	552
11462	$C_{10}H_{20}O_2$	Isoamyl isovalerate	192.7	179.5	77	552
11463	$C_{10}H_{22}$	2,7-Dimethyloctane	160.1	156.0	24	552
11464	$C_{10}H_{22}O$	Amyl ether	187.5	174.5	70	552
11465	$C_{10}H_{22}O$	Isoamyl ether	173.2	167.4	40	552
11466	$C_{11}H_{20}O$	Isobornyl methyl ether	192.4	<179.0		552
11467	$C_{12}H_{18}$	1,3,5-Triethylbenzene	216	Nonazeotrope		563
11468	$C_{12}H_{22}O$	Ethyl isobornyl ether	203.8	Nonazeotrope		552
A =	$C_nH_{10}O_4$	Butylene Glycol Diformate				
11469	C_nH_m	Hydrocarbon		min. b.p.		618
A =	$C_6H_{10}O_4$	Ethylidene Diacetate	168.5			
11470	$C_6H_{12}O_3$	2-Ethoxyethyl acetate	156.8	Nonazeotrope		527
11471	$C_6H_{14}O$	Hexyl alcohol	157.85	<157.3		575
11472	$C_6H_{14}O_2$	2-Butoxyethanol	171.15	166.7	64	527
11473	$C_6H_{14}O_2$	Pinacol	174.35	<167.0		575
11474	C_7H_7Br	<i>m</i> -Bromotoluene	184.3	Nonazeotrope		527
11475	C_7H_7Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		575
11476	C_7H_7Cl	α -Chlorotoluene	179.3	Nonazeotrope		575
11477	C_7H_7Cl	<i>p</i> -Chlorotoluene	162.4	<161.0	>70	527
11478	C_7H_8O	Anisole	153.85	Nonazeotrope		527
11479	C_7H_8O	<i>o</i> -Cresol	191.1	Nonazeotrope		527
11480	$C_7H_{14}O$	2-Methylcyclohexanol	168.5	<165.8	<57	575
11481	$C_7H_{14}O_3$	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		527
11482	C_8H_{10}	<i>m</i> -Xylene	139.2	Nonazeotrope		527
11483	C_8H_{10}	<i>o</i> -Xylene	144.3	Nonazeotrope		527
11484	$C_8H_{10}O$	Benzyl methyl ether	167.8	164.0	48	527
11485	$C_8H_{10}O$	<i>p</i> -Methylanisole	177.05	<168.3	>62	557
11486	$C_8H_{10}O$	Phenetole	170.45	164.5	56	527
11487	$C_8H_{14}O$	Methylheptenone	173.2	Nonazeotrope		552
11488	$C_8H_{16}O$	2-Octanone	172.85	Nonazeotrope		552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₆H₁₀O₄	Ethylidene Diacetate	168.5			
		<i>(continued)</i>				
11489	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	163.5	37	527
11490	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	164.0	45	549
11491	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	<166.5	<67	527
11492	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	159.3	23	549
11493	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	168.3	93.5	527
11494	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	167.5		575
11495	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	165.0	60	527
11496	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	165.5	65	527
11497	C ₁₀ H ₁₄	Cymene	176.7	165.5	>62	567
11498	C ₁₀ H ₁₆	Camphene	159.6	<157.0	>32	527
11499	C ₁₀ H ₁₆	α -Pinene	155.8	<154.0	>25	527
11500	C ₁₀ H ₁₈ O	Cineole	176.35	164.95	66	527
11501	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	161.5	57	527
A =	C₆H₁₀O₄	Ethyl Oxalate	185.65			
11502	C ₆ H ₁₀ O ₄	Methyl succinate	195.5	Nonazeotrope		527
11503	C ₆ H ₁₀ O ₂	Isocaproic acid	199.7	Nonazeotrope		527
11504	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		526
11505	C ₆ H ₁₃ Br	1-Bromohexane	156.5	Nonazeotrope		575
11506	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	Reacts		526
11507	C ₇ H ₇ N	Benzonitrile	191.1	Nonazeotrope		565
11508	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		563
11509	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	179.0	46	527
11510	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75	177.40	38	527
11511	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185	<180.2	<49	528
11512	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	Nonazeotrope		563
11513	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		527
11514	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		527
11515	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		527
11516	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	202.3	~ 3	542
11517	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	194.1	36	542
11518	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	202.0	6.5	542
11519	C ₇ H ₉ N	Methylaniline	196.1	Reacts		563
11520	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	190.5	181.5	~ 65	564
11521	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		575
11522	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		527
11523	C ₇ H ₁₆ O	Heptyl alcohol	176.15	175.5		527
11524	C ₈ H ₈	Styrene	145.8	Nonazeotrope		575
11525	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		527
11526	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		527,557
11527	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	< 176.3		557
11528	C ₈ H ₁₀ O	Phenetole	171.5	Nonazeotrope		527
11529	C ₈ H ₁₀ O ₂	Veratrol	205.5	Nonazeotrope		557
11530	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	Nonazeotrope		575
11531	C ₈ H ₁₈ O	Octyl alcohol	195.15	Reacts		535
11532	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	178.85	33	567
11533	C ₉ H ₈	Indene	182.6	< 181.0	<43	575

No.	B-Component		B.P., °C	Azeotropic Data		
	Formula	Name		B.P., °C	Wt.% A	Ref.
A =	C₈H₁₀O₄	Ethyl Oxalate (<i>continued</i>)	185.65			
11534	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
11535	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		546
11536	C ₉ H ₁₂	Pseudocumene	168.2	167.95	~ 6	541
11537	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	< 181.8	< 50	527
11538	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	176.3	25	527
11539	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	183.0	60	549
11540	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	179.45	32.5	568
11541	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	185.65	Nonazeotrope		527
11542	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	184.2	70	549
11543	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
11544	C ₁₀ H ₁₄	Butylbenzene	183.1	< 180.0	< 44	562
11545	C ₁₀ H ₁₄	Cymene	175.3	~ 173	~ 15	563
11546	C ₁₀ H ₁₆	Camphene	159.6	158.5	16	574
11547	C ₁₀ H ₁₆	Dipentene	177.7	172.2	40	575
11548	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	172.2	41	563
11549	C ₁₀ H ₁₆	Nopinene	163.8	161.5	27	546
11550	C ₁₀ H ₁₆	α -Pinene	155.8	154.8	20	537
11551	C ₁₀ H ₁₆	α -Terpinene	173.3	170.5	30	546
11552	C ₁₀ H ₁₆	γ -Terpinene	181.5	173.5	45	538
11553	C ₁₀ H ₁₆	Terpinolene	185	173	~ 50	563
11554	C ₁₀ H ₁₆	Thymene	179.7	~ 176.0	40.5	537
11555	C ₁₀ H ₁₈	<i>m</i> -Menthene-8	170.8	168.0	28	575
11556	C ₁₀ H ₁₈ O	Cineole	176.35	173.5	28	557
11557	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575
		"	198.6	185.6	~ 97	574
11558	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	184.1	69	527
11559	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	188.5	28	562
11560	C ₁₀ H ₂₂ O	Amyl ether	187.5	177.7	54	527
11561	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	170.15	29	527
		"	172.6	Nonazeotrope		535
11562	C ₁₁ H ₂₀ O	Methyl isobornyl ether	192.2	181.15	88?	557
11563	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
11564	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		557
A =	C₈H₁₀O₄	Glycol Diacetate	186.3			
11565	C ₈ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
11566	C ₈ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		575
11567	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	< 179.8	< 32	575
11568	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	< 182.0	< 45	575
11569	C ₇ H ₈ O	<i>m</i> -Cresol	202.4		24	v-1 730
11570	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	194.5	35	562
11571	C ₇ H ₈ O	<i>p</i> -Cresol	202.0		23	v-1 730
11572	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		527
11573	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		575
11574	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		557
11575	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		557

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₀O₄	Glycol Diacetate (continued)	186.3			
11576	C ₈ H ₁₀ O ₂	Veratrole	206.8		Nonazeotrope	557
11577	C ₈ H ₁₈ O	Octyl alcohol	195.2	< 186.0		575
11578	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	179.2		567
11579	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope	575
11580	C ₉ H ₁₂	Propylbenzene	159.3		Nonazeotrope	575
11581	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	< 181.2		557
11582	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	< 177.0	> 15	549
11583	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	179.0	38	549
11584	C ₁₀ H ₁₄	Butylbenzene	183.1	< 181.2	< 42	575
11585	C ₁₀ H ₁₆	Dipentene	177.7	< 173.5	< 37	575
11586	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	184.6	75	549
11587	C ₁₀ H ₂₂ O	Amyl ether	187.5	< 179.0	< 60	557
11588	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	170.1		557
11589	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	< 183.5	< 82	557
A =	C₆H₁₀O₄	Methyl Succinate	195.5			
11590	C ₆ H ₁₂ O ₂	Caproic acid	205.15		Nonazeotrope	575
11591	C ₆ H ₁₂ O ₂	Isocaproic acid	199.5	< 194.2	< 80	562
11592	C ₇ H ₅ N	Benzonitrile	191.1		Nonazeotrope	565
11593	C ₇ H ₇ Cl ₂	α,α -Dichlorotoluene	205.2		Nonazeotrope	547
11594	C ₇ H ₇ Br	α -Bromotoluene	198.5	< 192.5	> 55	575
11595	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	182.6	< 21	575
11596	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	< 181.0	< 10	575
11597	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	180.0		547
11598	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	198.8	~ 60	563
11599	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	204.7		563
11600	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35		Nonazeotrope	575
11601	C ₈ H ₈ O	Acetophenone	202.0		Nonazeotrope	552
11602	C ₈ H ₈ O ₂	Methyl benzoate	199.4		Nonazeotrope	575
11603	C ₈ H ₈ O ₂	Phenyl acetate	195.5		Nonazeotrope	572
11604	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05		Nonazeotrope	557
11605	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	192.5	50	572
11606	C ₉ H ₈	Indene	182.6		Nonazeotrope	575
11607	C ₉ H ₁₂	Mesitylene	164.6		Nonazeotrope	546
11608	C ₉ H ₁₂	Propylbenzene	159.3		Nonazeotrope	575
11609	C ₉ H ₁₂	Pseudocumene	168.2		Nonazeotrope	575
11610	C ₉ H ₁₄ O	Phorone	197.8		Nonazeotrope	552
11611	C ₉ H ₁₆ O ₃	Isobutyl carbonate	190.3		Nonazeotrope	549
11612	C ₁₀ H ₈	Naphthalene	218.1		Nonazeotrope	546
11613	C ₁₀ H ₁₆	Camphene	159.6	~ 159.0	10	546
11614	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	175.5	26	529
11615	C ₁₀ H ₁₆	α -Pinene	155.8	155.5	< 10	546
11616	C ₁₀ H ₁₆	α -Terpinene	173.4	172.5	19	562
11617	C ₁₀ H ₁₆	γ -Terpinene	181.5	178.0	32	538
11618	C ₁₀ H ₁₆	Terpinolene	185	~ 178	~ 28	563
11619	C ₁₀ H ₁₆	Thymene	179.7	178.2	~ 32	530
11620	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	< 195.2		575
11621	C ₁₀ H ₁₈ O	Cineole	176.35	< 176.0	< 95	557

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₁₀O₄	Methyl Succinate (continued)	195.5			
11622	C ₁₀ H ₁₈ O	Linalool	198.6		Reacts	536
11623	C ₁₀ H ₂₀ O	Menthol	212		Nonazeotrope?	563
11624	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35		Nonazeotrope	549
11625	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	191.0	30	549
11626	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	< 172.5		557
11627	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	186.4		557
11628	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216		Nonazeotrope	546
11629	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	193.0	75	557
A =	C₆H₁₀S	Allyl Sulfide	139.35			
11630	C ₆ H ₁₂ O	Cyclohexanol	160.8		Nonazeotrope	566
11631	C ₆ H ₁₂ O	2-Hexanone	127.2		Nonazeotrope	566
11632	C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.05		Nonazeotrope	566
11633	C ₆ H ₁₂ O ₂	Butyl acetate	126.0		Nonazeotrope	566
11634	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5		Nonazeotrope	566
		"	119.9	~ 117.5	~ 15	563
11635	C ₆ H ₁₂ O ₂	Isoamyl formate	123.6	~ 120	~ 20	563
11636	C ₆ H ₁₄ O	Hexyl alcohol	157.85		Nonazeotrope	566
11637	C ₇ H ₁₄ O	4-Heptanone	143.55	138.2	75	566
11638	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2	< 135.5	> 68	562
11639	C ₈ H ₁₀	Ethylbenzene	136.15	< 136.0	> 11	566
11640	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	< 138.3	> 52	566
11641	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7		Nonazeotrope	566
11642	C ₈ H ₁₈ O	Butyl ether	142.4	< 139.0	70	566
A =	C₆H₁₁BrO₂	Ethyl α-bromoisobutyrate	178			
11643	C ₇ H ₆ O	Benzaldehyde	179.2		Azeotrope doubtful	563
11644	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	~ 173.5	~ 60	532
11645	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7	~ 175		563
11646	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	174	~ 55	563
A =	C₆H₁₁ClO₂	Butyl Chloroacetate	181.8			
11647	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	179.5	45	562
11648	C ₈ H ₁₀ O	Benzyl methyl ether	167.8		Nonazeotrope	575
11649	C ₈ H ₁₀ O	Phenetole	170.45		Nonazeotrope	575
11650	C ₈ H ₁₈ O	Octyl alcohol	195.2		Nonazeotrope	575
11651	C ₁₀ H ₁₄	Butylbenzene	183.1	< 179.5	< 70	562
11652	C ₁₀ H ₁₄	Cymene	176.7	175.4	25	575
11653	C ₁₀ H ₁₆	Dipentene	177.7	175.0	32	562
11654	C ₁₀ H ₂₂ O	Isoamyl ether	173.2		Nonazeotrope	575
A =	C₈H₁₁ClO₂	Isobutyl Chloroacetate	174.5			
11655	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4		Nonazeotrope	575
11656	C ₈ H ₁₀ O	Phenetole	170.45	170.0	12	575
11657	C ₉ H ₁₂	Propylbenzene	159.3		Nonazeotrope	575
11658	C ₁₀ H ₁₄	Cymene	176.7	172.2	65	562
11659	C ₁₀ H ₁₆	Camphene	159.6		Nonazeotrope	575
11660	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope	575
11661	C ₁₀ H ₁₈ O	Cineole	176.35	173.2	70	562

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₁₁ClO₂	Isobutyl Chloroacetate	174.5			
		<i>(continued)</i>				
11662	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575
11663	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		575
11664	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	172.0	38	562
A =	C₆H₁₁N	Capronitrile	163.9			
11665	C ₆ H ₁₂ O	Hexyl alcohol	157.85	158.0	36	567
11666	C ₆ H ₁₄ O	Cyclohexanol	160.8	< 156.6	> 19	567
11667	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		575
11668	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		575
11669	C ₈ H ₁₂	Cumene	152.8	150.8	18	575
11670	C ₁₀ H ₁₆	Camphene	159.6	143.0	35	562
11671	C ₁₀ H ₁₆	α -Pinene	155.8	142.0	30	562
A =	C₈H₁₁NO₂	Nitrocyclohexane	205.3			
11672	C ₈ H ₁₅ NO	2-(Diethylamino)ethanol	162.2	Nonazeotrope		575
11673	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		554
11674	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		551
11675	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	< 203.0	> 4	551
11676	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		551
11677	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	Nonazeotrope		575
11678	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
11679	C ₈ H ₁₁ N	Ethylaniline	205.5	< 204.8		551
11680	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	< 201.0	> 28	575
11681	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		575
11682	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
A =	C₆H₁₂	Cyclohexane	80.75			
11683	C ₆ H ₁₂	Methylcyclopentane				
		60°C		Nonazeotrope		v-1 55
		"	71.8	Nonazeotrope		v-1 936
11684	C ₆ H ₁₂ O	Cyclohexanol 35-55°		Nonazeotrope		v-1 149
		"	161.1	Nonazeotrope		981
11685	C ₆ H ₁₂ O	4-Methyl-2-pentanone, 450-760 mm.		Nonazeotrope		v-1 189
		"	116.05	Nonazeotrope		527
11686	C ₆ H ₁₂ O	Pinacolone	106.2	Nonazeotrope		552
11687	C ₆ H ₁₂ O ₂	Butyl acetate	126			v-1 682
11688	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		575
11689	C ₆ H ₁₃ N	Cyclohexylamine	134	Nonazeotrope		v-1 704,718c
11690	C ₆ H ₁₄	Hexane	68.95	Nonazeotrope		v-1 677,807c
11691	C ₆ H ₁₄ O	4-Methyl-2-pentanol	131.8	Nonazeotrope		781
11692	C ₆ H ₁₄ O	Propyl ether	90.55	Nonazeotrope		548
11693	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		538
11694	C ₇ H ₈	Toluene	110.7	Nonazeotrope		v-1 200,676
		"	110.7	Nonazeotrope		563, 812c
11695	C ₇ H ₁₄	Methylcyclohexane	100.80	Nonazeotrope		v-1 805

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₁₂	Cyclohexane (continued)	80.75			
11696	C ₇ H ₁₆	2,4-Dimethylpentane	80.5	80.2	48.6	630
11697	C ₇ H ₁₆	Heptane	98.4			v-1 163,677
11698	C ₇ H ₁₆	2,2,3-Trimethylbutane	80.8	80.0	46.6	630
		“ 744 mm.	80.1	79.45	47.8	v-1 365
		“	80.75			Nonazeotrope 575
11699	C ₈ H ₁₈	2,5-Dimethylhexane	109.4			Nonazeotrope 575
11699a	C ₈ H ₁₈	2,2,4-Trimethylpentane				Nonazeotrope v-1 43e
A =	C₆H₁₂	1-Hexene	63.5			
11700	C ₆ H ₁₄	Hexane	68.74			Nonazeotrope v-1 362c,933
11700a	C ₆ H ₁₅ N	Diisopropylamine				Nonazeotrope v-1 406c
11700b	C ₆ H ₁₅ N	Dipropylamine				Nonazeotrope v-1 406c
11700c	C ₆ H ₁₅ N	Hexylamine				Nonazeotrope v-1 406c
11700d	C ₆ H ₁₅ N	Triethylamine				Nonazeotrope v-1 406c
A =	C₆H₁₂	Methylcyclopentane	71.95			
11701	C ₆ H ₁₄	Hexane	68.8	< 67.9	>25	418,561
		“ 60°C				v-1 55
		“ 200-760 mm.	68.95			Nonazeotrope v-1 230,677
11702	C ₆ H ₁₄ O	Isopropyl ether	68.3	< 68.0	<20	558
11703	C ₆ H ₁₅ N	Triethylamine	89.35			Nonazeotrope 551
11704	C ₇ H ₈	Toluene	110.7			Nonazeotrope v-1 676
11704a	C ₈ H ₁₂ O ₂	Butyl acetate				
		725 mm.				Nonazeotrope v-1 684c
A =	C₆H₁₂O	Cyclohexanol	160.8			
11705	C ₆ H ₁₂ O ₃	Isopropyl lactate	166.8	< 160.7		575
11706	C ₆ H ₁₂ O ₃	Paraldehyde	124.35			Nonazeotrope 575
11707	C ₆ H ₁₂ O ₃	Propyl lactate	171.7			Nonazeotrope 575
11708	C ₆ H ₁₃ Br	1-Bromohexane	156.5	< 153.7	<34	575
11709	C ₆ H ₁₃ ClO ₂	Chloroacetal	156.8	155.6	15	563
11710	C ₆ H ₁₃ N	Cyclohexylamine	134			v-1 705,718c
11711	C ₆ H ₁₄ O	Hexyl alcohol	157.95			Nonazeotrope 538
11712	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15			Nonazeotrope 575
11713	C ₇ H ₆ O	Benzaldehyde	179.2			Nonazeotrope 575
11714	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3			Nonazeotrope 527
11715	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.45	160.6?	~ 98	530
11716	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0			Nonazeotrope 575
11717	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35			Nonazeotrope 563
11718	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.3	155.5	38	573
11719	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	156.5	55	531
11720	C ₇ H ₈	Toluene	110.75			Nonazeotrope 541
11721	C ₇ H ₈ O	Anisole	153.85	152.45	30	529
11722	C ₇ H ₈ O	<i>o</i> -Cresol	191.1			Nonazeotrope 542
11723	C ₇ H ₁₂ O ₂	Cyclohexyl formate,				
		50 mm.		79.4	50	413
11724	C ₇ H ₁₄	Methylcyclohexane	101.1			Nonazeotrope 537
11725	C ₇ H ₁₄ O ₂	Methyl caproate	149.8			Nonazeotrope 575
11726	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	144.6			Nonazeotrope 575
11727	C ₇ H ₁₆	Heptane	98.45			Nonazeotrope 541
11728	C ₈ H ₈	Styrene	145.8	144		537

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₆H₁₂O	Cyclohexanol (continued)	160.8			
11729	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	138.9	5	563
11730	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	143.0	14	563
11731	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	Nonazeotrope		541
11732	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	159.0	62	556,878
11733	C ₈ H ₁₀ O	Phenetole	170.35	159.2	~ 72	529
11734	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	160.5	92	564
11735	C ₈ H ₁₁ N	Dimethylaniline	194.05	Nonazeotrope		551
11736	C ₈ H ₁₄ O	Cyclohexyl vinyl ether, 45 mm.		71-80	21	1008
11737	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		552
11738	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
11739	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
11740	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	< 160.5		575
11741	C ₈ H ₁₆ O ₂	Isoamyl propionate	~ 160.3	157.7	~ 63	563
11742	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	156	~ 20	537
11743	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		537
11744	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	155.1	17	575
11745	C ₈ H ₁₈ O	Butyl ether	142.1	Nonazeotrope		576
11746	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		575
11747	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		566
11748	C ₉ H ₈	Indene	181.7	160	75	537
11749	C ₉ H ₁₂	Cumene	152.8	150.0	28	567
11750	C ₉ H ₁₂	Mesitylene	164.0	156.3	~ 50	563
11751	C ₉ H ₁₂	Propylbenzene	158.8	153.8	40	537
11752	C ₉ H ₁₂	Pseudocumene	169	158	~ 60	563
11753	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		575
11754	C ₉ H ₁₈ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
11755	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
11756	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	Nonazeotrope		536
11757	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		540
11758	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
11759	C ₁₀ H ₁₄	Cymene	176.7	159.5	72	537
11760	C ₁₀ H ₁₆	Camphene	159.5	151.9	41	528
11761	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.3	159.25	73.5	541
11762	C ₁₀ H ₁₆	α -Phellandrene	171.5	158	65	563
11763	C ₁₀ H ₁₆	α -Pinene	155.8	149.9	35.5	563
11764	C ₁₀ H ₁₆	α -Terpinene	173.4	158.3	65	567
11765	C ₁₀ H ₁₆	γ -Terpinene	183	160.3	83	575
11766	C ₁₀ H ₁₆	Terpinene	181	159.8		563
11767	C ₁₀ H ₁₆	Terpinolene	184.6	160.5	87	575
11768	C ₁₀ H ₁₆	Thymene	179.7	159.8	78	573
11769	C ₁₀ H ₁₈	<i>d</i> -Menthene	170.8	~ 157.5	~ 62	563
11770	C ₁₀ H ₁₈ O	Cineole	176.35	160.55	92	574
11771	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	153.0	~ 62	537
11772	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		556
11773	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	158.8	78	574

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
	A = C₆H₁₂O	2-Hexanone	127.2			
11774	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	125.4	32	527
11775	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		552
11776	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		552
	A = C₈H₁₂O	3-Hexanone	123.3			
11777	C ₆ H ₁₂ O ₂	Butyl acetate	126.0	123.1		552
11778	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		552
11779	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	123.0	50	552
11780	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		552
11781	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		552
11782	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	122.5	40	552
11783	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	119.0	32	555
11784	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	116.7	28	552
11785	C ₈ H ₁₅ N	Dipropylamine	109.2	Nonazeotrope		551
11786	C ₇ H ₈	Toluene	110.75	Nonazeotrope		552
11787	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	Nonazeotrope		527
11788	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		575
11789	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		527
11790	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	116.0	37	552
11791	C ₈ H ₁₉ N	Diisobutylamine	138.5	Nonazeotrope		575
	A = C₆H₁₂O	4-Methyl-2-pentanone	116.05			
11792	C ₆ H ₁₂ O ₂	Ethyl butyrate	121.5	Nonazeotrope		527
11793	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		527
11794	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	115.6		552
11795	C ₆ H ₁₂ O ₂	Isopropyl propionate	110.5	Nonazeotrope		552
11796	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	115.6	55	527
11797	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	114.9	72	555
11798	C ₆ H ₁₅ N	Dipropylamine	109.2	<105.5	<32	551
11799	C ₇ H ₈	Toluene	110.75	110.7	3	527
11800	C ₇ H ₁₄	Methylcyclohexane	101.15	<100.1	<20	527
		“ 410 mm.		80	~14	v-1 859i
		“ 760 mm.	100.8	99.9	20.8	v-1 859i
11801	C ₇ H ₁₆	Heptane	98.4	97.5	13	552
11802	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		527
11803	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	112.0	53	552
11804	C ₈ H ₁₆ O ₂	4-Methyl-2-pentyl acetate	146.1	Nonazeotrope		981
11805	C ₈ H ₁₈	<i>n</i> -Octane	125.75	113.4	65	527
11806	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		575
11807	C ₈ H ₁₉ N	Diisobutylamine	138.5	Nonazeotrope		575
11808	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	169.4	Nonazeotrope		981
	A = C₆H₁₂O	Pinacolone	106.2			
11809	C ₆ H ₁₂ O ₂	Ethyl isobutyrate	110.1	Nonazeotrope		552
11810	C ₆ H ₁₂ O ₂	Isopropyl propionate	110.5	Nonazeotrope		552
11811	C ₆ H ₁₄	Hexane	68.8	Nonazeotrope		552
11812	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		575
11813	C ₆ H ₁₅ N	Dipropylamine	109.2	<104.5		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₉H₁₀O	Pinacolone (<i>continued</i>)	106.2			
11814	C ₇ H ₈	Toluene	110.75	106.0	85	552
11815	C ₇ H ₁₄	Methylcyclohexane	101.15	97.0	32	552
11816	C ₇ H ₁₆	Heptane	98.4	95.5	28	552
11817	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	104.0	75	552
A =	C₆H₁₂O₂	Butyl Acetate	126.0			
11818	C ₆ H ₁₂ O ₂	<i>sec</i> -Butyl acetate	112.2	Nonazeotrope		981
11819	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		575
11820	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		575
11821	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate	156.8	Nonazeotrope		575
11822	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	124.25	9	527
11823	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.1	Nonazeotrope		981
11824	C ₆ H ₁₄ S	Propyl sulfide	141.5	Nonazeotrope		575
11825	C ₇ H ₈	Toluene	110.75	Nonazeotrope		527
11826	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		575
11826a	C ₇ H ₁₆	Heptane	74.7°C.	Nonazeotrope	v-l	848e
		"	100°C.	Nonazeotrope	v-l	848e
11827	C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2	Nonazeotrope		557
11828	C ₈ H ₁₀	Ethylbenzene	136.1	Nonazeotrope		527
11829	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		527
11830	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	Nonazeotrope		527
11831	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<118.0	<37	575
11832	C ₈ H ₁₈	Octane	125.8	119	52	538
11833	C ₈ H ₁₈ O	Butyl ether	142.1	125.9	95	981
11834	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		557
11835	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		575
11836	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		527
11837	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		575
11837a	C ₈ H ₁₂ O ₂	4-Methyl-4-hydroxy-tetrahydro- pyran 3 mm.		Azeotropic		581c
11837b	C ₆ H ₁₄ O ₃	3-Methyl-1,3,5-pentanetriol 3 mm.		Nonazeotrope		581c
A =	C₇H₁₂O₂	Caproic Acid	205.3			
11838	C ₇ H ₆ Cl ₂	α,α -Dichlorotoluene	205.2	199.0	36	542
11839	C ₇ H ₇ Br	α -Bromotoluene	198.5	~ 196.5	77	563
11840	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	180.8	6	541
11841	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	184.0	8	541
11842	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	Nonazeotrope		575
11843	C ₇ H ₇ Cl	α -Chlorotoluene	179.3	179.0	~ 3	541
11844	C ₇ H ₇ Cl	<i>m</i> -Chlorotoluene	162.3	Nonazeotrope		564
11845	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		564
11846	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		564
11847	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	202.2	50	562
11848	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.85	~ 205.0	~ 96	542
11849	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		554
11850	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	201.9	13	564
11851	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Nonazeotrope		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₈H₁₆O₂	Caproic Acid (continued)	205.3			
11852	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	201.5	11	564
		"	201.8	Nonazeotrope		563
11853	C ₇ H ₈ O ₂	Guaiacol	205.05	200.8	42	556
11854	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	198.5	12	562
11855	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	190.5	Nonazeotrope		575
11856	C ₈ H ₈ O	Acetophenone	202.0	200.5	32	552
11857	C ₈ H ₈ O ₂	Benzyl formate	203.0	<202.2	20	575
11858	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		541
11859	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		575
11860	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		564
11861	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	216.2	Nonazeotrope		543
11862	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		575
11863	C ₈ H ₁₀ O ₂	Veratrole	206.5	~ 202.5	~ 42	537
11864	C ₈ H ₁₄ O ₄	Propyl oxalate	214	Nonazeotrope		575
11865	C ₈ H ₁₆ O ₂	Octanoic acid, 20-100 mm.		Nonazeotrope		v-1 822
11866	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)ethyl acetate	218.5	Nonazeotrope		575
11867	C ₈ H ₁₇ NO	<i>N,N</i> -Dimethylhexanamide, 100 mm.		Max. b.p.		832
11868	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
11869	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		552
11870	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		575
11871	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		575
11872	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		564
11873	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		543
11874	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		575
11875	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		575
11876	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		552
11877	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	Nonazeotrope		575
11878	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		575
11879	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		564
11880	C ₁₀ H ₈	Naphthalene	218.05	203.75	71	564
11881	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		543
11882	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	177.0	~ 5	541
11883	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
11884	C ₁₀ H ₁₆	Terpinolene	185	Azeotrope doubtful		563
11885	C ₁₀ H ₁₆	Thymene	179.7	179.0	~ 3	541
11886	C ₁₀ H ₁₆ O	Camphor	209.1	204.0		552
11887	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	200.0	38	562
11888	C ₁₀ H ₁₈ O	Citronellal	207.8	~ 203.5		541
11889	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		575
11890	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	<204.5	<95	566
11891	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		575
11892	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		575
11893	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₁₂O₂	Caproic Acid (continued)	205.3			
11894	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		575
11895	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	202.0	63	564
11896	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.5	<201.5	>30	563
A =	C₆H₁₂O₂	4,4-Dimethyl-1,3-dioxane	133.4			
11896a	C ₇ H ₁₂ O ₂	4-Methyl-4-vinyl-1,3-dioxane		Nonazeotrope		581c
A =	C₆H₁₂O₂	Ethyl Butyrate	121.5			
11897	C ₆ H ₁₂ O ₂	Isoamyl formate	123.8	Nonazeotrope		575
11898	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.4	Nonazeotrope		575
11899	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		575
11900	C ₆ H ₁₂ O ₂	Propyl propionate	123.0	Nonazeotrope		575
11901	C ₆ H ₁₂ O ₃	Paraldehyde	124	Nonazeotrope		557
11902	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	<120.0	<42	566
11903	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	117.6	35	549
11904	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563
11905	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		546
11906	C ₇ H ₁₄ O ₂	Isoamyl acetate	137.5	Nonazeotrope		388
11907	C ₇ H ₁₆	Heptane	98.5	Nonazeotrope		527
11908	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		575
11909	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	116.7	<50	562
11910	C ₈ H ₁₈	Octane	125.8	Nonazeotrope		563
		"	125.8	118.0	>60	546
11911	C ₈ H ₁₈ O	Isobutyl ether	122.3	120.5	20	557
A =	C₆H₁₂O₂	Ethyl Isobutyrate	110.1			
11912	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		575
11913	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		557
11914	C ₆ H ₁₄ O ₂	Ethoxypropoxymethane	113.7	Nonazeotrope		557
11915	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		566
11916	C ₇ H ₈	Toluene	110.75	109.8		573
11917	C ₇ H ₁₄	Methylcyclohexane	101.1	100.1	<20	546
11918	C ₇ H ₁₆	Heptane	98.5	97.0	17	527
11919	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<109.5	<88	575
11920	C ₈ H ₁₈	Octane	125.75	<109.8	<96	575
11921	C ₈ H ₁₈ O	Isobutyl ether	122.2	Nonazeotrope		557
A =	C₆H₁₂O₂	4-Hydroxy-methyl-2-pentanone	166			
11922	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	59.0	58	51
11923	C ₉ H ₁₂	<i>x</i> -Ethyltoluene, 20 mm.		< 80	25	1040
A =	C₆H₁₂O₂	Isoamyl Formate	123.8			
11924	C ₆ H ₁₂ O ₂	Propyl propionate	122.5	Nonazeotrope		545
11925	C ₆ H ₁₂ O ₃	Paraldehyde	124.1	123.0	56	557
11926	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563
11927	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		573
11928	C ₈ H ₁₈	Octane	125.8	<116.5	~ 55	563
11929	C ₈ H ₁₈ O	Isobutyl ether	122.3	121.5	65	557

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₁₂O₂	Isobutyl Acetate	117.2			
11930	C ₆ H ₁₂ O ₂	Methyl isovalerate	116.5	Nonazeotrope		549
11931	C ₆ H ₁₂ O ₃	Paraldehyde	124	Nonazeotrope		557
11932	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		557
11934	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	115.2	57	566
11934	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	117.0	63	549
11935	C ₇ H ₈	Toluene	110.6	Nonazeotrope		572
11936	C ₇ H ₁₆	Heptane	98.5	Nonazeotrope		546
11937	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		575
11938	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<114.0	<62	562
11939	C ₈ H ₁₈	Octane	125.8	114.5	>70	546
11940	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		557
A =	C₆H₁₂O₂	Isocaproic Acid	199.5			
11941	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		575
11942	C ₇ H ₆ O ₂	Salicylaldehyde	196.7	<196.4		575
11943	C ₇ H ₇ Br	<i>α</i> -Bromotoluene	198.5	193.0	32	562
11944	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	183.0	10	562
11945	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	180.5	9	575
11946	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	183.0	12	575
11947	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.3	178.0	8	575
11948	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	Nonazeotrope		575
11949	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		575
11950	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
11951	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	199.1	80?	575
11952	C ₇ H ₈ O ₂	Guaiacol	205.05	<198.5	>80	575
11953	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	196.5	42	562
11954	C ₈ H ₈ O	Acetophenone	202.0	<199.2		575
11955	C ₈ H ₈ O ₂	Benzyl formate	203.0	198.8	62	575
11956	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		575
11957	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		575
11958	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		575
11959	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
11960	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
11961	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		575
11962	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	190.0	10	575
11963	C ₁₀ H ₈	Naphthalene	218.0	199.0	75	562
11964	C ₁₀ H ₁₄	Cymene	176.7	<176.2	> 3	575
11965	C ₁₀ H ₁₆	Dipentene	177.7	176.5	10	562
11966	C ₁₀ H ₁₆	Limonene	177.7	176.5	10	575
11967	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		575
11968	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		575
11969	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		575
11970	C ₁₀ H ₂₂ O	Amyl ether	187.5	<186.5	> 8	575
11971	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	Nonazeotrope		564
11972	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		566

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
	A = C₆H₁₂O₂	Methyl Isovalerate	116.5			
11973	C ₆ H ₁₂ O ₃	Paraldehyde	124.35	Nonazeotrope		557
11974	C ₆ H ₁₄ O ₂	Acetal	103.55	Nonazeotrope		557
11975	C ₇ H ₈	Toluene	110.75	Nonazeotrope		573
11976	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		575
11977	C ₇ H ₁₆	Heptane	98.5	Nonazeotrope		527
11978	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<115.0	<75	575
11979	C ₈ H ₁₈	Octane	125.75	<115.5	<88	575
11980	C ₈ H ₁₈ O	Isobutyl ether	122	Nonazeotrope		557
	A = C₆H₁₂O₂	Propyl Propionate	122.5			
11981	C ₇ H ₈	Toluene	110.75	Nonazeotrope		538
11982	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		538
11983	C ₈ H ₁₈	Octane	125.8	118.2	60	538
	A = C₆H₁₂SO₂	2,4-Dimethylsulfolane				
11984	C ₁₅ H ₁₈	Amyl naphthalene, 20 mm.		151	75	667
11985	C ₁₆ H ₃₄	Hexadecane, 20 mm.		142	75	667
	A = C₆H₁₂O₃	2-Ethoxyethyl Acetate	156.8			
11986	C ₆ H ₁₂ O ₃	Isopropyl lactate	166.8	Nonazeotrope		575
11987	C ₆ H ₁₃ Br	1-Bromohexane	156.5	<155.0	<49	575
11988	C ₆ H ₁₄ O	Hexyl alcohol	157.85	<156.0	<63	575
11989	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	Nonazeotrope		556
11990	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		526
11991	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	156.6	90	526
11992	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		575
11993	C ₇ H ₈	Toluene	110.6	Nonazeotrope		981
11994	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		556
11995	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		526
11996	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	191.5	10	556
11997	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		526
11998	C ₇ H ₁₄ O	2-Heptanone	143.55	Nonazeotrope		575
11999	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		575
12000	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	Nonazeotrope		575
12001	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		575
12002	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		575
12003	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		575
12004	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		575
12005	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75	Nonazeotrope		556
12006	C ₈ H ₈	Styrene	145.8	Nonazeotrope		575
12007	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		526
12008	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		527
12009	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		526
12010	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	Nonazeotrope		526
12011	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		575
12012	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		575
12013	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		526

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₆O₂	2-Ethoxyethyl Acetate	156.8			
		<i>(continued)</i>				
12014	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		575
12015	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		575
12016	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	Nonazeotrope		575
12017	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	156.5	90	526
12018	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	156.0	52	526
12019	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		575
12020	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	<155.0	<35	575
12021	C ₈ H ₁₈ O	Butyl ether	142.4	141.7	88	526
12022	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		526
12023	C ₉ H ₁₂	Cumene	152.8	152.0	15	575
12024	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
12025	C ₉ H ₁₂	Propylbenzene	159.3	<156.0	>70	575
12026	C ₉ H ₁₆ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		575
12027	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		575
12028	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.3	Nonazeotrope		526
12029	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		526
12030	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
12031	C ₁₀ H ₁₆	Camphene	159.6	153.2	68	526
12032	C ₁₀ H ₁₆	Nopinene	163.8	154.0	80	562
12033	C ₁₀ H ₁₆	α -Pinene	155.8	151.0	50	526
12034	C ₁₀ H ₁₆	α -Terpinene	173.4	<156.5	<93	575
12035	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		575
12036	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		556
12037	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	153.0	75	562
12038	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	156.45	94	527,556
A =	C₆H₁₂O₃	Isopropyl Lactate	166.8			
12039	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		575
12040	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
12041	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		575
12042	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	165.5	67	575
12043	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		575
12044	C ₉ H ₁₂	Mesitylene	164.6	159.5	60	567
12045	C ₁₀ H ₁₆	Camphene	159.6	154.2	30	567
12046	C ₁₀ H ₁₆	Nopinene	163.8	157.5	38	567
12047	C ₁₀ H ₁₆	α -Pinene	155.8	152.5	22	575
A =	C₆H₁₂O₃	Paraldehyde	124.35			
12048	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		575
12049	C ₆ H ₁₅ BO ₃	Ethyl borate	118.6	Nonazeotrope		548
12050	C ₇ H ₈	Toluene	110.7	Nonazeotrope		563
12051	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	Nonazeotrope		557
12052	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		557
12053	C ₇ H ₁₄ O ₂	Propyl isobutyrate	134.0	Nonazeotrope		557
12054	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		563
12055	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		315,563
12056	C ₈ H ₁₀	<i>p</i> -Xylene	138.4	Nonazeotrope		315,546

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₁₂O₃	Propyl Lactate	171.7			
12057	C ₆ H ₁₃ ClO ₂	Chloroacetal	157.4	Nonazeotrope		575
12058	C ₆ H ₁₄ O	Hexyl alcohol	157.85	Nonazeotrope		575
12059	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.25	> 170.75	> 55	575
12060	C ₆ H ₁₄ O ₂	Pinacol	171.5	~ 168	~ 37	563
12061	C ₇ H ₆ O	Benzaldehyde	179.2	Nonazeotrope		563
12062	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	171.0	~ 15	575
12063	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35	171.2	~ 78	563
12064	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	< 159.0		575
12065	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	160.5	18	567
12066	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		556
12067	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		575
12068	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		544
12069	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		544
12070	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	< 167.8	< 34	575
12071	C ₇ H ₁₆ O	Heptyl alcohol	176.15	< 171.55	< 90	575
12072	C ₈ H ₈	Styrene	145.8	Nonazeotrope		575
12073	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	165.5	25	575
12074	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	< 171.0	> 82	575
12075	C ₈ H ₁₀ O	Phenetole	171.5	167.1	50	556
12076	C ₈ H ₁₆ O	2-Octanone	172.85	< 171.4	< 75	552
12077	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.8	Nonazeotrope		575
12078	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	169.0	48	566
12079	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
12080	C ₉ H ₁₂	Mesitylene	164.6	160.5	28	538
12081	C ₉ H ₁₂	Pseudocumene	108.2	103.5	38	567
12082	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		575
12083	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	167.5	40	575
12084	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	< 169.0	< 52	527
12085	C ₁₀ H ₁₄	Cymene	176.7	~ 167.0	60	538
12086	C ₁₀ H ₁₆	Camphene	159.6	~ 156.2	17	538
12087	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	166.35	63	563
12088	C ₁₀ H ₁₆	Nopinene	163.8	159.0	33	567
12089	C ₁₀ H ₁₆	<i>α</i> -Phellandrene	171.5	~ 162.5	~ 50	563
12090	C ₁₀ H ₁₆	<i>α</i> -Pinene	155.8	< 154.5		575
12091	C ₁₀ H ₁₆	<i>α</i> -Terpinene	173.3	~ 164.0	50	548
12092	C ₁₀ H ₁₈ O	Cineole	176.3	~ 169	~ 73	563
12093	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	167.5	53	556
A =	C₆H₁₃Br	1-Bromohexane	156.5			
12094	C ₆ H ₁₄	Hexyl alcohol	157.85	150.5	60	575
12095	C ₆ H ₁₄ O ₂	2-Butoxyethanol	171.15	< 156.0		575
12096	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
12097	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		575
12098	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		575
12099	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		559
12100	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		575
12101	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	< 155.2	> 28	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₆H₁₃Br	1-Bromohexane (<i>continued</i>)	156.5			
12102	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		559
12103	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
12104	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		575
A =	C₈H₁₃ClO₂	Chloroacetal	157.4			
12105	C ₆ H ₁₄ O	Hexyl alcohol	157.85	< 154.5	< 58	575
12106	C ₆ H ₁₄ O ₂	Pinacol	171.5	155.5	< 90	563
12107	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		548
12108	C ₇ H ₁₄ O	4-Heptanone	143.55	Nonazeotrope		575
12109	C ₈ H ₈	Styrene	145.8	Nonazeotrope		548
12110	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		575
12111	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		548
12112	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		575
12113	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
12114	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	Nonazeotrope		531
12115	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.8	154.7	~ 43	563
12116	C ₉ H ₁₂	Cumene	152.8	< 152.0	< 10	575
12117	C ₉ H ₁₂	Propylbenzene	159.2	< 156.0	< 75	548
12118	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		575
12119	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		545
12120	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		531
12121	C ₁₀ H ₁₆	Camphene	159.5	~ 155.2	56	556
12122	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		531
12123	C ₁₀ H ₁₆	Nopinene	163.8	156.2	23	556
12124	C ₁₀ H ₁₆	α -Pinene	155.8	153.0	43	556
12125	C ₁₀ H ₁₆	α -Terpinene	173.3	Nonazeotrope		548
12126	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	155.5	35	556
12127	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	Nonazeotrope		548
A =	C₆H₁₄	Hexane	68.8			
12127a	C ₆ H ₁₄ O	Hexyl alcohol	157	Nonazeotrope	v-1	779g
12128	C ₆ H ₁₄ O	Isopropyl ether	68.3	67.5	47	558
12128a	C ₆ H ₁₅ N	Diisopropylamine				
		60°C.		Nonazeotrope	v-1	406c
12128b	C ₆ H ₁₅ N	Dipropylamine	60°C.	Nonazeotrope	v-1	406c
12128c	C ₆ H ₁₅ N	Hexylamine	60°C.	Nonazeotrope	v-1	406c
12129	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		551
		"	60°C.	Nonazeotrope	v-1	406c
12130	C ₇ F ₁₆	Perfluoroheptane, crit. region		Azeotropic	v-1	430,431
12131	C ₇ H ₈	Toluene	110.7	Nonazeotrope		163
		"	150-760 mm.	Nonazeotrope	v-1	675
12132	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope	v-1	163,677
12133	C ₇ H ₁₆	Heptane	98.45	Vapor pressure data		899
12134	C ₈ H ₁₈	Octane	125.8	Nonazeotrope (b.p. curve)		1045
A =	C₆H₁₄O	2-Ethylbutanol	147.0			
12135	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	54.9	74	51

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_8H_{14}O$	2-Ethylbutanol (<i>continued</i>)	147.0			
12136	$C_8H_{16}O$	2-Ethylhexaldehyde	163.6	Nonazeotrope		981
12137	$C_8H_{17}Cl$	3-(Chloromethyl) heptane, 50 mm.	89	77	61	982
		" 100 mm.	106.9	92	68	982
12138	$C_8H_{16}O_2$	2-Ethylbutyl acrylate			>80	999
A =	$C_8H_{14}O$	Hexyl Alcohol	157.8			
12139	$C_8H_{14}O$	Isopropyl ether	69.0	Nonazeotrope		215
12140	$C_8H_{14}O_2$	2-Butoxyethanol	171.25	Nonazeotrope		526
12141	C_7H_8O	Benzaldehyde	179.2	Nonazeotrope ^d		575
12142	C_7H_7Br	<i>o</i> -Bromotoluene	181.5	Nonazeotrope		575
12143	C_7H_7Cl	α -Chlorotoluene	179.3	Nonazeotrope		575
12144	C_7H_7Cl	<i>o</i> -Chlorotoluene	159.2	153.5	44	567
12145	C_7H_7Cl	<i>p</i> -Chlorotoluene	166.4	< 154.0	< 54	567
12146	C_7H_8	Toluene	110.75	Nonazeotrope		537
12147	C_7H_8O	Anisole	153.85	151.0	36.5	538
12148	C_7H_8O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
12149	C_7H_{14}	Methylcyclohexane	101.1	Nonazeotrope		540
12150	$C_7H_{14}O$	5-Methyl-2-hexanone	144.2	Nonazeotrope		552
12151	$C_7H_{14}O_2$	Propyl butyrate	142.8	Nonazeotrope		536
12152	$C_7H_{14}O_3$	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
12153	C_7H_{16}	Heptane	98.45	Nonazeotrope		v-l 541,779g
12154	C_8H_8	Styrene	145.8	144	23	541
12155	C_8H_9Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	62.0	43	51
12156	C_8H_{10}	Ethylbenzene	136.15	Nonazeotrope		537
		"		136.10	7.7	v-l 587
12157	C_8H_{10}	<i>m</i> -Xylene	139.0	138.3	15	537
12158	C_8H_{10}	<i>o</i> -Xylene	143.6	142.3	~ 18	537
12159	C_8H_{10}	<i>p</i> -Xylene	138.2	~ 137.7	13	541
				137.86	10.2	v-l 308c
12160	$C_8H_{10}O$	Benzyl methyl ether	167.8	156.7	73	575
12161	$C_8H_{10}O$	<i>p</i> -Methylanisole	177.05	Nonazeotrope		575
12162	$C_8H_{10}O$	Phenetole	170.45	157.65	81	538
12163	$C_8H_{11}N$	Dimethylaniline	194.05	Nonazeotrope		551
12164	$C_8H_{16}O$	2-Octanone	172.85	Nonazeotrope		552
12165	$C_8H_{16}O_2$	Butyl butyrate	166.4	Nonazeotrope		575
12166	$C_8H_{16}O_2$	2-Ethylbutyl acetate	162.3	154.4	72.5	982
12167	$C_8H_{16}O_2$	Isoamyl propionate	160.7	156.7	60	567
12168	$C_8H_{16}O_2$	Isobutyl butyrate	156.8	~ 155.0	40	536
12169	$C_8H_{16}O_2$	Isobutyl isobutyrate	147.3	Nonazeotrope		536
12170	$C_8H_{16}O_2$	Propyl isovalerate	155.7	~ 154.2	33	536
12171	C_8H_{18}	Octane	125.75	Nonazeotrope		575
12172	$C_8H_{18}O$	Isobutyl ether	122.3	Nonazeotrope		556
12173	$C_8H_{18}O$	Octyl alcohol	194	Nonazeotrope		v-l 825
12174	$C_8H_{18}S$	Butyl sulfide	185.0	Nonazeotrope		566

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₆H₁₄O	Hexyl Alcohol (<i>continued</i>)	157.8			
12175	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		566
12176	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
12177	C ₉ H ₁₂	Cumene	152.8	149.5	35	567
12178	C ₉ H ₁₂	Mesitylene	164.6	153.5	55	537
12179	C ₉ H ₁₂	Pseudocumene	168.2	156.3	68	541
12180	C ₉ H ₁₂	Propylbenzene	158.8	152.5	45	540
12181	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		575
12182	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
12183	C ₉ H ₁₆ O ₂	Hexyl acrylate			90	999
12184	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
12185	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		575
12186	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
12187	C ₁₀ H ₁₆	Camphene	159.6	~ 150.8	~ 48	573
12188	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	155.5	~ 79	537
12189	C ₁₀ H ₁₆	Nopinene	163.8	153.0	52	567
12190	C ₁₀ H ₁₆	α -Pinene	155.8	150.8	40	537
12191	C ₁₀ H ₁₆	α -Terpinene	173.4	156.5	72	567
12192	C ₁₀ H ₁₆ O	Cineole	176.35	Nonazeotrope		556
12193	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	152.5	47	537
12194	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	Nonazeotrope		576
		"	173.4	157	89	556
A =	C₆H₁₄O	Isopropyl Ether	68.3			
12195	C ₈ H ₁₄ O ₂	1,2-Diethoxyethane	121.1	Nonazeotrope		981
12196	C ₇ H ₁₆	<i>n</i> -Heptane				
		685-2280 mm.		Nonazeotrope	v-l	995
A =	C₈H₁₄O	4-Methyl-2-pentanol	131.8			
12197	C ₈ H ₁₆ O ₂	4-Methyl-2-pentyl acetate	146.1	Nonazeotrope		981
A =	C₆H₁₄O	Propyl Ether	90.1			
12198	C ₈ H ₁₅ N	Dipropylamine	109.2	Nonazeotrope		551
12199	C ₈ H ₁₅ N	Triethylamine	89.35	< 88.5		551
12200	C ₇ H ₈	Toluene	110.75	Nonazeotrope		558
12201	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		573
12202	C ₇ H ₁₆	Heptane	98.45	Nonazeotrope		527
12203	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		558
A =	C₈H₁₄OS	2-Butylthioethanol				
12204	C ₈ H ₁₆ OS	2-Butylthioethyl vinyl ether		Min. b.p.		953
A =	C₆H₁₄O₂	Acetal	103.55			
12205	C ₆ H ₁₄ S	Isopropyl sulfide	120.5	Nonazeotrope		566
12206	C ₆ H ₁₅ N	Dipropylamine	109.2	Nonazeotrope		551
12207	C ₆ H ₁₅ N	Triethylamine	89.35	Nonazeotrope		551
12208	C ₇ H ₈	Toluene	110.75	Nonazeotrope		573
12209	C ₇ H ₁₄	Methylcyclohexane	101.15	99.65	40	558
12210	C ₇ H ₁₆	<i>n</i> -Heptane	98.45	97.75	28	558

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_6H_{14}O_2$	Acetal (<i>continued</i>)	103.55			
12211	C_8H_{18}	2,5-Dimethylhexane	109.3	103.0	75	548
12212	C_8H_{18}	Octane	125.75	Nonazeotrope		558
A =	$C_8H_{14}O_2$	2-Butoxyethanol	171.15			
12213	$C_8H_{15}NO$	2-Diethylaminoethanol	162.2	Nonazeotrope		551
12214	C_7H_5N	Benzonitrile	191.1	Nonazeotrope		556
12215	C_7H_6O	Benzaldehyde	179.2	170.95	91	556
12216	C_7H_7Br	<i>o</i> -Bromotoluene	181.5	169.7	65	526
12217	C_7H_7Cl	<i>o</i> -Chlorotoluene	159.2	158.0	12	526
12218	C_7H_7Cl	<i>p</i> -Chlorotoluene	162.4	160.5	20	556
12219	C_7H_7ClO	<i>o</i> -Chloroanisole	195.7	Nonazeotrope		575
12220	C_7H_8O	Anisole	153.85	Nonazeotrope		556
12221	C_7H_8O	<i>m</i> -Cresol	202.2	Nonazeotrope		526
12222	C_7H_8O	<i>o</i> -Cresol	191.1	191.55	15	556
12223	C_7H_8O	<i>p</i> -Cresol	201.7	Nonazeotrope		556
12224	C_7H_9N	Benzylamine	185.0	Nonazeotrope		551
12225	C_7H_9N	Methylaniline	196.25	Nonazeotrope		551
12226	$C_7H_{13}ClO_2$	Isoamyl chloroacetate	190.5	Nonazeotrope		575
12227	$C_7H_{14}O$	2-Methylcyclohexanol	168.5	Nonazeotrope		575
12228	$C_7H_{14}O_2$	1,3-Butanediol methyl ether acetate	171.75 182.15	170.1	53	556 575
12229	$C_7H_{14}O_3$	Isobutyl lactate	182.15	Nonazeotrope		575
12230	$C_7H_{16}O$	Heptyl alcohol	176.15	Nonazeotrope		526
12231	$C_8H_8O_2$	Methyl benzoate	199.4	Nonazeotrope		556
12232	$C_8H_8O_2$	Phenyl acetate	195.7	Nonazeotrope		575
12233	C_8H_9Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	62.5	37	51
12234	C_8H_{10}	<i>m</i> -Xylene	139.2	Nonazeotrope		575
12235	C_8H_{10}	<i>o</i> -Xylene	144.3	Nonazeotrope		556
12236	$C_8H_{10}O$	Benzyl methyl ether	167.8	165.0	43	526
12237	$C_8H_{10}O$	<i>p</i> -Methylanisole	177.05	169.3	62	526
12238	$C_8H_{10}O$	Phenetole	170.45	167.1	52	556
12239	$C_8H_{11}N$	Dimethylaniline	194.15	Nonazeotrope		551
12240	$C_8H_{16}O_2$	Butyl butyrate	166.4	164.7	20	526
12241	$C_8H_{16}O_2$	Ethyl caproate	167.7	166.0	25	567
12242	$C_8H_{16}O_2$	Hexyl acetate	171.5	167.7	45	567
12243	$C_8H_{16}O_2$	Isoamyl propionate	160.7	Nonazeotrope		575
12244	$C_8H_{16}O_2$	Isobutyl butyrate	156.9	Nonazeotrope		575
12245	$C_8H_{16}O_2$	Propyl isovalerate	155.7	Nonazeotrope		575
12246	$C_8H_{16}O_4$	2-(2-Ethoxyethoxy) ethyl acetate	218.5	Nonazeotrope		575
12247	$C_8H_{18}O$	Butyl ether	142.4	Nonazeotrope		575
12248	$C_8H_{18}O$	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		526
12249	$C_8H_{18}S$	Isobutyl sulfide	172	163.8	42	555
12250	C_9H_7N	Quinoline	237.3	Nonazeotrope		553
12251	C_9H_{12}	Cumene	152.4	151.7	10.3	456
12252	C_9H_{12}	Mesitylene	164.6	162.0	32	556
12253	C_9H_{12}	Propylbenzene	159.3	158.0		526

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₄O₂	2-Butoxyethanol (<i>continued</i>)	171.15			
12254	C ₉ H ₁₂	Pseudocumene	168.2	164.5	38	575
12255	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	170.95	88	551
12256	C ₉ H ₁₆	<i>cis</i> -Hexahydroindan	167.7	159.9	38 vol. %	826
12257	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	170.85	86	556
12258	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	166.5	36	567
12259	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	167.75	43	527
12260	C ₁₀ H ₁₄	Butylbenzene	183.0	170.2	80	526
		"	183.4	169.6	73.4	456
12261	C ₁₀ H ₁₄	<i>sec</i> -Butylbenzene	173.3	166.0	47.9	456
12262	C ₁₀ H ₁₄	<i>tert</i> -Butylbenzene	169.1	164.4	39.1	456
12263	C ₁₀ H ₁₄	<i>p</i> -Cymene	177.2	167.4	56.6	456
		"	176.7	168.0	60	556
12264	C ₁₀ H ₁₆	Camphene	159.6	154.5	30	526
12265	C ₁₀ H ₁₆	Dipentene	177.7	164.0	53	567
12266	C ₁₀ H ₁₆	Nopinene	163.8	158.0	37	526
12267	C ₁₀ H ₁₆	α -Pinene	155.8	151.5	25	567
12268	C ₁₀ H ₁₆	α -Terpinene	173.4	164.0	50	526
12269	C ₁₀ H ₁₈ O	Cineole	176.35	168.9	58.5	527
12270	C ₁₀ H ₁₈ O	Citronellal	207.8	Nonazeotrope		526
12271	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575
12272	C ₁₀ H ₂₀	<i>n</i> -Butylcyclohexane	180.95	165.6	56 vol. %	826
12273	C ₁₀ H ₂₀	<i>sec</i> -Butylcyclohexane	179.3	165.1	53 vol. %	826
12274	C ₁₀ H ₂₀	Isobutylcyclohexane	171.3	161.5	40 vol. %	826
12275	C ₁₀ H ₂₀	<i>cis</i> -1-Methyl-4-isopropylcyclohexane	172.7	162.0	45 vol. %	826
12276	C ₁₀ H ₂₀	<i>trans</i> -1-Methyl-4-isopropylcyclohexane	170.5	160.9	41 vol. %	826
12277	C ₁₀ H ₂₂	3,3,5-Trimethylheptane	155.5	151.6	23 vol. %	826
12278	C ₁₀ H ₂₂ O	Amyl ether	187.5	169.0	67	556
12279	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	164.95	54	569
12280	C ₁₀ H ₂₂ O ₂	Acetaldehyde dibutyl acetal	188.8	170.6	42	129
12281	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		556
12282	C ₁₂ H ₁₈	Triethylbenzene	215.5	Nonazeotrope		526
A =	C₈H₁₄O₂	Hexylene Glycol				
12283	C ₈ H ₁₀	Ethylbenzene, 400 mm.		Nonazeotrope		v-1 771
12284	C ₈ H ₁₆	Ethylcyclohexane, 400 mm.		Nonazeotrope		v-1 771
A =	C₇H₁₄O₂	Pinacol	174.35			
12285	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.2	< 157.0		575
12286	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	158.0	> 13	567
12287	C ₇ H ₈	Toluene	110.7	Nonazeotrope		540
12288	C ₇ H ₈ O	Anisole	174.35	153.5		545
12289	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		544
12290	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	191.5	8	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₆O₂	Pinacol (<i>continued</i>)	174.35			
12291	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		575
12292	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		537
12293	C ₇ H ₁₆	Heptane	98.45	Nonazeotrope		537
12294	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		537
12295	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	163.5?	28?	575
12296	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	168.7	44	576
12297	C ₈ H ₁₀ O	Phenetole	170.4	165.2	33	572
12298	C ₈ H ₁₁ N	Dimethylaniline	194.05	< 169.5	> 60	551
12299	C ₈ H ₁₄ O	Methylheptenone	173.2	171.7	40	552
12300	C ₈ H ₁₆ O	2-Octanone	172.85	171.5	35	552
12301	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		575
12302	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		575
12303	C ₉ H ₁₂	Mesitylene	164.6	160.2	35	572
12304	C ₉ H ₁₂	Propylbenzene	159.3	156.3	28	567
12305	C ₉ H ₁₂	Pseudocumene	168.2	162.9	38	567
12306	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	< 171.5	> 62	575
12307	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	< 169.8	> 10	575
12308	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	< 173.9		575
12309	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		537
12310	C ₁₀ H ₁₄	Cymene	176.7	167.7	50	567
12311	C ₁₀ H ₁₆	Camphene	159.6	155.5	~ 28	537
12312	C ₁₀ H ₁₆	Dipentene	177.7	166.7	~ 50	575
12313	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	171	~ 45	537
12314	C ₁₀ H ₁₆	α -Pinene	155.8	152.5		537
12315	C ₁₀ H ₁₆ O	Cineole	176.35	168.5	45	567
12316	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	~ 144?		563
12317	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	167.2	40	576
A =	C₈H₁₄O₃	Dipropylene Glycol	229.2			
12318	C ₇ H ₇ BrO	<i>o</i> -Bromoanisole	217.7	212.0	30	575
12319	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	216.9	> 21	554
12320	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	225.0	62?	554
12321	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		575
12322	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		575
12323	C ₈ H ₈ O ₂	Anisaldehyde	249.5	Nonazeotrope		575
12324	C ₈ H ₈ O ₃	Methyl salicylate	222.95	213.0	35	575
12325	C ₈ H ₈ BrO	<i>p</i> -Bromophenetole	234.2	221.0	45	575
12326	C ₈ H ₇ N	Quinoline	237.3	< 228.0	< 72	575
12327	C ₈ H ₁₀ O ₃	Ethyl salicylate	233.8	218.2	55	575
12328	C ₁₀ H ₈	Naphthalene 100 mm.		142.9	12.4 v-l	600
12329	C ₁₀ H ₉ N	Quinaldine	246.5	Nonazeotrope		575
12330	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	225.5	60	567
12331	C ₁₀ H ₁₀ O ₂	Safrole	235.9	222.0	50	567
12332	C ₁₀ H ₁₂ O	Anethole	235.7	221.5	48	567
12333	C ₁₀ H ₁₆ O	Cineole	176.35	Nonazeotrope		575
12334	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		575
12335	C ₁₁ H ₁₀	2-Methylnaphthalene	241.1	Nonazeotrope		270

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₄O₃	Dipropylene Glycol	229.2			
12336	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	226.5	65	575
12337	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	211.0	30	575
12338	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	< 211.5	>24	575
12339	C ₁₂ H ₁₀ O	Phenyl ether	259.0	< 228.0	<77	575
12340	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
12341	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	Nonazeotrope		575
12342	C ₁₄ H ₁₄ O	Benzyl ether	297.0	Nonazeotrope		575
A =	C₈H₁₄O₃	2-(2-Ethoxyethoxy)ethanol	195.0			
12343	C ₇ H ₈ O	<i>m</i> -Cresol	202.4		36.8	v-1 730
12344	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	205.5	70	575
12345	C ₇ H ₈ O	<i>p</i> -Cresol	202.0		38	v-1 730
		"	202.0	209.0	50	567
12346	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)ethoxy]ethanol	245.25	Nonazeotrope		575
12347	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		575
12348	C ₉ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		575
12349	C ₈ H ₁₁ N	Dimethylaniline	194.15	<193.0	>10	575
12350	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	<201.0	>38	575
12351	C ₈ H ₁₈ O ₃	Bis(2-ethoxyethyl) ether	188.4	Nonazeotrope		981
		" 10 mm.	72	Nonazeotrope		981
12352	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		575
12353	C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		575
12354	C ₉ H ₁₃ N	Dimethyl- <i>p</i> -toluidine	210.2	199.5		575
12355	C ₁₀ H ₈	Naphthalene	218.0	200.5		575
12356	C ₁₀ H ₁₂ O	Estragole	215.6	201.0	87	575
12357	C ₁₀ H ₁₄	Butylbenzene	183.1	181.3	18	575
12358	C ₁₀ H ₁₅ N	Diethylaniline	217.05	<200.5	>85	575
12359	C ₁₀ H ₁₆	Dipentene	177.7	173.0	23	575
12360	C ₁₀ H ₁₈ O	Cineole	176.35	<175.5		575
12361	C ₁₀ H ₂₂ O	Amyl ether	187.5	<183.0		575
12362	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		270,575
12363	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	190.5	25	567
12364	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	198.5	55	567
A =	C₈H₁₄O₄	Triethylene Glycol	288.7			
12365	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		575
12366	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.2	273.4	33	527
12367	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	261.5	5	527
12368	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		556
12369	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		526
12370	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		526
12371	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.2	277.0	33	526
12372	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		575
12373	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		526

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₆O₄	Triethylene Glycol	288.7			
		<i>(continued)</i>				
12374	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
12375	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	<271.5	> 7	575
12376	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxy- benzene	254.7	Nonazeotrope		526
12377	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope		526
12378	C ₁₂ H ₉ N	Carbazole		Nonazeotrope		272
		" Low press.		Min. b.p.		272
12379	C ₁₂ H ₁₀	Acenaphthene	277.9	271.5	35	527
12380	C ₁₂ H ₁₀	Biphenyl	256.1	255.3	10	556
12381	C ₁₂ H ₁₀ O	Phenyl ether	259.0	258.7	3	556
		" " 4 mm.	102	Nonazeotrope		981
12382	C ₁₂ H ₁₄ O ₄	Ethyl phthalate	298.5	<285.5	>58	575
12383	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	261.4	14	527
12384	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	269.0	30	575
12385	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Reacts		526
12386	C ₁₃ H ₁₀	Fluorene	294	Nonazeotrope		272
		" High press.		Min. b.p.		272
12387	C ₁₃ H ₁₀ O ₂	Phenyl benzoate	315	286.0	80	526
12388	C ₁₃ H ₁₂	Diphenylmethane	265.4	263.0	20	556
12389	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	280.0	40	526
12390	C ₁₄ H ₁₀	Phenanthrene, Low press.		Min. b.p.		272
		Glycol decreases with decreasing pressure				
12391	C ₁₄ H ₁₂	Stilbene	306.5	284.5	60	526
12392	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	275.5	42	526
12393	C ₁₄ H ₁₄ O	Benzyl ether, 5 mm.	145.5		28	982
A =	C₈H₁₄S	Isopropyl Sulfide	120.5			
12394	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
12395	C ₇ H ₁₂	Methylcyclohexane	101.15	Nonazeotrope		575
12396	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		575
12397	C ₈ H ₁₈ O	Isobutyl ether	122.3	<119.8	>64	566
A =	C₈H₁₄S	Propyl Sulfide	141.5			
12398	C ₇ H ₁₄ O	5-Methyl-2-hexanone	144.2	<140.7	>65	566
12399	C ₇ H ₁₄ O ₂	Ethyl isovalerate	134.7	~ 134.0	~ 10	532
12400	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	~ 137.5		531
12401	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	<138.2	> 7	575
12402	C ₈ H ₁₈ O	Butyl ether	142.4	140.3	62	562
A =	C₈H₁₅BO₃	Ethyl Borate	118.6			
12403	C ₇ H ₈	Toluene	110.75	Nonazeotrope		530
12404	C ₇ H ₁₄	Methylcyclohexane	101.1	Nonazeotrope		546
12405	C ₇ H ₁₆	Heptane	98.5	Nonazeotrope		546
12406	C ₈ H ₁₈ O	Isobutyl ether	122.3	<116.8		557
A =	C₈H₁₅N	Dipropylamine	109.2			
12407	C ₇ H ₈	Toluene	110.75	<108.5	>53	551

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₆H₁₅N	Dipropylamine (<i>continued</i>)	109.2			
12408	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	Nonazeotrope		527
12409	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		551
12410	C ₈ H ₁₈	2,4-Dimethylhexane	109.4	<108.0	<54	551
12411	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		551
A =	C₆H₁₅N	Isohexylamine	123.5			
12412	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
12413	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	<120.0		575
12414	C ₈ H ₁₈ O	Isobutyl ether	122.3	<121.8		575
A =	C₆H₁₅N	Triethylamine	89.35			
12415	C ₇ H ₁₄	Methylcyclohexane	101.15	Nonazeotrope		551
12416	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	Nonazeotrope		551
A =	C₆H₁₅NO	2-(Diethylamino)ethanol	162.2			
12417	C ₇ H ₈	Toluene	110.75	Nonazeotrope		575
12418	C ₇ H ₈ O	Anisole	153.85	<148.0	>19	551
12419	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		551
12420	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		551
12421	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		575
12422	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	57.0	91	51
12423	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	<136.0	> 8	575
12424	C ₈ H ₁₁ N	Dimethylaniline	194.15	<160.5	>58	551
12425	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		551
12426	C ₁₀ H ₁₈	Camphene	159.6	<146.5		575
12427	C ₁₀ H ₁₈ O	Cineole	176.35	<158.0		575
12428	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	<156.5	>58	551
A =	C₆H₁₅NO₂	1,1'-Iminodi-2-propanol	133/10			
12429	C ₈ H ₂₁ NO ₃	1,1',1''-Nitrilotri-2-propanol, 10 mm.	177	Nonazeotrope		981
A =	C₇F₁₆	Perfluoroheptane	82.5			
12430	C ₇ H ₁₆	Heptane, crit. region		198.5	95.3	v-l 430,431
12431	C ₈ F ₁₆ O	Perfluorocyclic oxide	102.6	Nonazeotrope		v-l 1041
12432	C ₈ H ₁₈	Octane, crit. region		201.7	99.7	v-l 430,431
12433	C ₉ H ₂₀	Nonane, crit. region		Nonazeotrope		v-l 430,431
A =	C₇H₅Cl₃	α,α,α'-Trichlorotoluene	220.8			
12434	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		554
12435	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	219.45	75.5	554
12436	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	Nonazeotrope		554
12437	C ₇ H ₈ O	Benzyl alcohol	205.2	Reacts		535
12438	C ₇ H ₈ O ₂	Guaiacol	205.05	Reacts		535
12439	C ₇ H ₉ N	<i>o</i> -Toluidine	200.3	Nonazeotrope		538
12440	C ₈ H ₉ O ₂	Benzyl formate	202.3	Nonazeotrope		547
12441	C ₈ H ₉ O ₃	Methyl salicylate	222.35	220.75	~ 97	538
12442	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.5	Nonazeotrope		575
12443	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		535
12444	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₅Cl₃	α,α,α-Trichlorotoluene	220.8			
		<i>(continued)</i>				
12445	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		552
12446	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	Nonazeotrope		535
12447	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		574
12448	C ₈ H ₁₀ O ₃	Ethyl salicylate	234.0	Nonazeotrope		538
12449	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		545
12450	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		574
12451	C ₁₀ H ₁₂ O	Estragole	215.6	Nonazeotrope		535
12452	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75	Nonazeotrope		538
12453	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		538
12454	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		551
12455	C ₁₀ H ₁₄ O	Thymol	232.9	Reacts		542
12456	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		538
12457	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		547
12458	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
12459	C ₁₂ H ₂₀ O ₂	Bornyl acetate	~227.7	Nonazeotrope		535
A =	C₇H₅N	Benzonitrile	191.1			
12460	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	183.8	11.5	569
12461	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	181.4		565
12462	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0	184.3	15	565
		"	185	~ 181		563
12463	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4	Nonazeotrope		565
12464	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		565
12465	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	202.5	11	527
12466	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	195.95	49	569
12467	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	202.1	14	527
12468	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		575
12469	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		575
12470	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	Nonazeotrope		575
12471	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		565
12472	C ₈ H ₈ O ₂	Phenyl acetate	195.7	<189.5	>51	575
12473	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		565
12474	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		565
12475	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		575
12476	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		575
12477	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	<189.2	<70	527
12478	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	180.05	11	569
12479	C ₈ H ₁₈ S	Butyl sulfide	185.0	<184.5	<12	575
12480	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		566
12481	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	182.5	27	565
12482	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		565
12483	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	180.85	8	527
12484	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		565
12485	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		565
12486	C ₁₀ H ₁₈ O	Cineole	176.35	175.6	14	527
12487	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	<189.0	>42	527
12488	C ₁₀ H ₂₂ O	Amyl ether	187.5	180.5	42	527

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₅N	Benzonitrile (continued)	191.1			
12489	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	171.4	16	527
12490	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	<186.0		565
A =	C₇H₅NO	Phenyl Isocyanate	162.8			
12491	C ₈ H ₁₈ S	Butyl sulfide	185.0		Nonazeotrope	575
12492	C ₈ H ₁₈ S	Isobutyl sulfide	172.0		Nonazeotrope	575
A =	C₇H₆Cl₂	α,α-Dichlorotoluene	205.2			
12497	C ₇ H ₆ O ₂	Benzoic acid	250.8		Nonazeotrope	575
12494	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75		Nonazeotrope	575
12495	C ₇ H ₈ O	Benzyl alcohol	205.5	182?		563
12496	C ₇ H ₈ O	<i>m</i> -Cresol	202.8		Reacts	563
12497	C ₇ H ₈ O	<i>o</i> -Cresol	190.8		Reacts	563
12498	C ₇ H ₈ O	<i>p</i> -Cresol	201.8		Reacts	563
12499	C ₇ H ₉ N	Methylaniline	196.1		Reacts	563
12500	C ₇ H ₉ N	<i>o</i> -Toluidine	200.3		Nonazeotrope	538
12501	C ₇ H ₉ N	<i>p</i> -Toluidine	200.3		Reacts	563
12502	C ₈ H ₁₂ O ₄	Ethyl malonate	198.9		Nonazeotrope	563
12503	C ₈ H ₈ O	Acetophenone	202		Nonazeotrope	563
12504	C ₈ H ₈ O ₂	Benzyl formate	202.3		Nonazeotrope	538
12505	C ₈ H ₈ O ₂	Methyl benzoate	199.55		Nonazeotrope	563
12506	C ₈ H ₈ O ₂	Phenyl acetate	195.5		Nonazeotrope	563
12507	C ₈ H ₁₁ N	Dimethylaniline	194.15		Nonazeotrope	551
12508	C ₈ H ₁₁ N	Ethylaniline	206.3		Reacts	563
12509	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25		Nonazeotrope	547
12510	C ₈ H ₁₄ O ₄	Propyl oxalate	212		Nonazeotrope	547
12511	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	201.3	45	563
12512	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	194.5	~ 10	531
12513	C ₈ H ₁₀ O ₂	Benzyl acetate	214.9		Nonazeotrope	538
12514	C ₉ H ₁₀ O ₂	Ethyl benzoate	213		Nonazeotrope	563
12515	C ₁₀ H ₈	Naphthalene	218.05		Nonazeotrope	563
12516	C ₁₀ H ₁₆ O	Camphor	209.1	209.7	25	551
12617	C ₁₀ H ₁₈ O	Borneol	213.4	205.0	~ 85	538
12518	C ₁₀ H ₁₈ O	Citronellal	~207.8		Nonazeotrope	538
12519	C ₁₀ H ₁₈ O	Menthone	207		Azeotrope doubtful	563
		Menthone	209.5		Nonazeotrope	575
12520	C ₁₀ H ₂₀ O	Menthol	216.3		Nonazeotrope	575
12521	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	575
12522	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	538
A =	C₇H₆O	Benzaldehyde	179.2			
12523	C ₇ H ₇ Br	<i>m</i> -Bromotoluene	184.3	<179.0	<92	575
12524	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.5	178.5		545
12525	C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185.0		Nonazeotrope	545
12526	C ₇ H ₇ Cl	α-Chlorotoluene	179.35	177.9	50	563
12527	C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene	159.15		Nonazeotrope	548
12528	C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene	162.4		Nonazeotrope	545
12529	C ₇ H ₇ ClO	<i>o</i> -Chloroanisole	195.7		Nonazeotrope	575
12530	C ₇ H ₈ O	Anisole	153.85		Nonazeotrope	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₆O	Benzaldehyde (<i>continued</i>)	179.2			
12531	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		575
12532	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	192.0	23	538
12533	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		545
12534	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	<178.8	<92	575
12535	C ₇ H ₁₆ O	Heptyl alcohol	176.15	<174.5	<45	575
12536	C ₈ H ₈	Styrene	145.8	Nonazeotrope		575
12537	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	63.5	57	51
12538	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		575
12539	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	<167.0		575
12540	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		575
12541	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	<175.5		575
12542	C ₈ H ₁₀ O	Phenetole	170.45	<169.8	<12	575
12543	C ₈ H ₁₁ N	Dimethylaniline	194.05	Reacts		563
12544	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		552
12545	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
12546	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		575
12547	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		575
12548	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	<171.3		575
12549	C ₈ H ₁₈ O	Butyl ether	142.6	Nonazeotrope		575
12550	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
12551	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7	174	~ 25	563
12552	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
12553	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	<177.5	<92	575
12554	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		552
12555	C ₉ H ₁₈ O	2,6-Dimethyl-4 heptanone	168.0	Nonazeotrope		552
12556	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	~ 176.3	38	536
12557	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		575
12558	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	170.85	10	575
		" "	171.35	Nonazeotrope		545
12559	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		575
12560	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
12561	C ₁₀ H ₁₄	Butylbenzene	183.1	<176.5	<65	575
12562	C ₁₀ H ₁₄	Cymene	175.3	171	28	563
12563	C ₁₀ H ₁₆	Camphene	159.6	158.45	15.5	548
12564	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	171.2	43	563
12565	C ₁₀ H ₁₆	Nopinene	163.8	<162.0	<25	548
12566	C ₁₀ H ₁₆	α -Phellandrene	171.5	170		563
12567	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		575
		" "	155.8	~ 155.0	~ 10	548
12568	C ₁₀ H ₁₆	α -Terpinene	173.4	<170.0	<38	575
12569	C ₁₀ H ₁₆	γ -Terpinene	179.9	~ 173.0	~ 48	548
12570	C ₁₀ H ₁₆	Terpinolene	185	<176.5	>70	563
12571	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		552
12572	C ₁₀ H ₁₈ O	Cineole	176.35	172.05	36	556
		" "	176.3	Nonazeotrope		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₇H₆O	Benzaldehyde (<i>continued</i>)	179.2			
12573	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	<159.5		575
12574	C ₁₀ H ₂₂ O	Amyl ether	187.5	175.2		556
12575	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	168.6	37.5	527
12576	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	178.0	92?	575
12577	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
12578	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		575
12579	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		575
A =	C₇H₆O₂	Benzoic Acid	250.8			
12580	C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene	230.8	Nonazeotrope		554
12581	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		554
12582	C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene	238.9	237.4	11	554
12583	C ₇ H ₆ O ₂	<i>m</i> -Methoxyphenol	243.8	Nonazeotrope		575
12584	C ₈ H ₈ O ₂	Anisaldehyde	249.5	Nonazeotrope		538
12585	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		575
12586	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope		541
12587	C ₉ H ₈ O	Cinnamaldehyde	253.5	~ 250.2	~ 90	538
		"	253.5	Nonazeotrope		575
12588	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		552
12589	C ₉ H ₁₀ O ₃	Ethyl salicylate	234.0	233.85	6	538
12590	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.8	249.9	~ 95	541
		"	281.8	Nonazeotrope		564
12591	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	247.8	57	541
12592	C ₁₀ H ₈	Naphthalene	218.05	217.7	5	538
12593	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	246.5	53.5	556
12594	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		541
12595	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		537
		"	235.9	234.75	12.5	556
12596	C ₁₀ H ₁₂ O	Anethole	235.7	234.6	12	562
12597	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		575
		"	254.8	250.4	96.5	538
12598	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		542
12599	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
12600	C ₁₀ H ₁₄ O	Carvacrol	237.85	<237.75		575
12601	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		575
		"	232.9	232.85?	1.5?	538
12602	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0	Nonazeotrope		541
12603	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	248.0	43	575
12604	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)-ethyl acetate	245.3	251.8	70	562
12605	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	239.6	27	538
12606	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	237.25	25	527
12607	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	Nonazeotrope		537
		"	255.0	250.3	89	538
12608	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	245.5	35	562

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₇H₆O₂	Benzoic Acid (continued)	250.8			
12609	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		541
12610	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	241.15	~ 12	538
12611	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	Nonazeotrope		575
12612	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		575
12613	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		575
12614	C ₁₂ H ₁₀	Acenaphthene	277.9	~ 250.0		541
12615	C ₁₂ H ₁₀	Biphenyl	277.9	246.05	50.5	541
12616	C ₁₂ H ₁₀ O	Phenyl ether	257	Nonazeotrope		562
		" "	259.3	247.3	59	556
		" " 100 mm.	181	176.5	27	215
12617	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
12618	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		543
12619	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		541
12620	C ₁₃ H ₁₀	Fluorene	295	Nonazeotrope		575
12621	C ₁₃ H ₁₂	Diphenylmethane	265.6	248.95	82	538
12622	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	Nonazeotrope		575
12623	C ₁₄ H ₁₂	Stilbene	306.5	Nonazeotrope		575
12624	C ₁₄ H ₁₄	1,2-Diphenylethane	284	Nonazeotrope		543
A =	C₇H₇Br	α-Bromotoluene	198.5			
12625	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Reacts		563
12626	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	Reacts		563
12627	C ₇ H ₉ N	Methylaniline	196.1	Reacts		563
12628	C ₇ H ₉ N	<i>p</i> -Toluidine	200.3	Reacts		563
12629	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9	197.3	58	563
12630	C ₈ H ₈ O	Acetophenone	202	Nonazeotrope		563
12631	C ₈ H ₈ O ₂	Benzyl formate	203.0	< 198.0		575
12632	C ₈ H ₈ O ₂	Methyl benzoate	199.45	Nonazeotrope		575
		" "	199.55	~ 197.5	~ 59	563
12633	C ₈ H ₈ O ₂	Phenyl acetate	195.5	194.5	~ 43	563
12634	C ₈ H ₁₁ N	Dimethylaniline	194.05	Reacts		563
12635	C ₈ H ₁₄ O ₄	Propyl oxalate	214.5	Nonazeotrope		575
12636	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	197.6	~ 73	563
12637	C ₈ H ₁₈ O	Octyl alcohol	195.2	193.5	68	575
12638	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
12639	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		575
12640	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		575
12641	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		547
12642	C ₁₀ H ₁₆ O	Fenchone	193	Nonazeotrope		563
12643	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope (reacts)		575
12644	C ₁₀ H ₁₈ O	Menthone	~ 207	Nonazeotrope		563
12645	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575
12646	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		547
12647	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		559
A =	C₇H₇Br	<i>m</i>-Bromotoluene	184.3			
12648	C ₇ H ₈ O	Benzyl alcohol	205.25	< 184.15		575
12649	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	183.05	78	527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₇Br	<i>m</i>-Bromotoluene	184.3			
		<i>(continued)</i>				
12650	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		527
12651	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		527
12652	C ₇ H ₁₄ O ₂	Enanthic acid	221.3	Nonazeotrope		527
12653	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	180.4	40	567
12654	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		527
12655	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		527
12656	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	Nonazeotrope		575
12657	C ₈ H ₁₈ O	Octyl alcohol	195.2	184.05	91	527
12658	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	178.9	43	527
12659	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		559
12660	C ₉ H ₁₈ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	184.25	87	564
		" "	185.3	Nonazeotrope		551
12661	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		575
12662	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	182.8	75	562
12663	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
12664	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		527
12665	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		527
12666	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		527
A =	C₇H₇Br	<i>o</i>-Bromotoluene	181.75			
12667	C ₇ H ₇ Cl	α -Chlorotoluene	179.35	Nonazeotrope		563
12668	C ₇ H ₈ O	Benzyl alcohol	205.15	181.25	93?	531
12669	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		544
12670	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	180.3	81	542
12671	C ₇ H ₈ O	<i>p</i> -Cresol	201.8	Nonazeotrope		542
12672	C ₇ H ₉ N	<i>m</i> -Toluidine	200.55	Nonazeotrope		551
12673	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		551
12674	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		551
12675	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
12676	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	180	56	563
12677	C ₇ H ₁₆ O	Heptyl alcohol	176.15	174.0	33	567
12678	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		548
12679	C ₈ H ₁₀ O	Phenetole	170.35	Nonazeotrope		573
12680	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
12681	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		552
12682	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
12683	C ₈ H ₁₈ O	Octyl alcohol	195.15	181.0		529
12684	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	177.0	48	572
12685	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		575
12686	C ₉ H ₈	Indene	182.3	<180.5		563
12687	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
12688	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		547
12689	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	Nonazeotrope		575
12690	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	Nonazeotrope		547
12691	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	170.0	Nonazeotrope		547
12692	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	Nonazeotrope		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₇H₇Br	<i>o</i>-Bromotoluene (continued)	181.75			
12693	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	180.5	~ 90	563
		"	190.3	Nonazeotrope	"	547
12694	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		538
12695	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		535
		"	177.8	177.3	~ 17	563
12696	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
12697	C ₁₀ H ₁₆	γ -Terpinene	181.5	181.0		538
12698	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		575
12699	C ₁₀ H ₁₆	Thymene	179.7	179.55	~ 15	573
12700	C ₁₀ H ₁₈ O	Cineole	176.4	Nonazeotrope		528
12701	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		529
12702	C ₁₀ H ₁₉ N	Bornylamine	199.8	Nonazeotrope		575
12703	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		547
12704	C ₁₀ H ₂₂ O	Isoamyl ether	173.5	Nonazeotrope		548
A =	C₇H₈Br	<i>p</i>-Bromotoluene	185.0			
12705	C ₇ H ₈ O	Benzyl alcohol	205.2	~ 184.5	~ 92	535
12706	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	184.8	~ 95	542
12707	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	182.7	72	538
12708	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	184.8	~ 93	542
12709	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		551
12710	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		551
12711	C ₇ H ₁₂ O ₄	Ethyl malonate	199.2	Nonazeotrope		547
12712	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	180.2	38	567
12713	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		547
12714	C ₈ H ₁₀ O	2,4-Xylenol	210.5	Nonazeotrope		575
12715	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
		"	194.05	184.2	85	535
12716	C ₈ H ₁₈ O	Octyl alcohol	195.2	184.6	90	575
12717	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		552
12718	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		575
12719	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	Nonazeotrope		547
12720	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	182.9	~ 35	563
12721	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
12722	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
12723	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		535
12724	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
12725	C ₁₀ H ₁₆	γ -Terpinene	183	182.8	15	575
12726	C ₁₀ H ₁₆	Terpinolene	185	~ 183		563
12727	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		535
12728	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		575
12729	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		573
12730	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		532
12731	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		547
A =	C₇H₇BrO	<i>o</i>-Bromoanisole	217.7			
12732	C ₇ H ₇ I	<i>p</i> -Iodotoluene	214.5	< 214.3	< 10	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₇BrO	<i>o</i>-Bromoanisole	217.7			
		<i>(continued)</i>				
12733	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		575
12734	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		575
12735	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		575
12736	C ₁₀ H ₈	Naphthalene	218.0	<216.5	>55	562
12737	C ₁₀ H ₁₂ O	Estragole	215.6	Nonazeotrope		548
12738	C ₁₀ H ₁₆ O	Citronellal	208.0	Nonazeotrope		575
12739	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.2	~ 215.0	>15	548
A =	C₇H₇BrO	<i>p</i>-Bromoanisole	217.7			
12740	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.25	Nonazeotrope		575
12741	C ₉ H ₁₀ O	Propiophenone	217.7	<217.4	>54	575
12742	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		575
A =	C₇H₇Cl	α-Chlorotoluene	179.3			
12743	C ₇ H ₈ O	Benzyl alcohol	205.15	Nonazeotrope		530
		"	205.2	Nonazeotrope	v-l	494
		" 100 mm.		Nonazeotrope	v-l	494
		" 15 mm.		Nonazeotrope	v-l	494
12744	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Reacts		563
12745	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	<168.2	<34	575
12746	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	204.0	88	575
12747	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	178.0	~ 70	563
12748	C ₇ H ₁₆ O	Heptyl alcohol	176.15	<173.5	<51	575
12749	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		552
12750	C ₈ H ₁₀ O	Phenetole	170.35	Nonazeotrope		530
12751	C ₈ H ₁₁ N	Dimethylaniline	194.05	Reacts		563
12752	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		552
12753	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
12754	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		547
12755	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		575
12756	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	Nonazeotrope		575
12757	C ₉ H ₁₆ O ₂	Isoamyl propionate	160.4	Nonazeotrope		547
12758	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	Nonazeotrope		530
12759	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	165.7		531
12760	C ₉ H ₁₀ O ₂	Benzyl acetate		Nonazeotrope	v-l	495
		" " 100 mm.		Nonazeotrope	v-l	495
		" " 15 mm.		Nonazeotrope	v-l	495
12761	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
12762	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
12763	C ₉ H ₁₂	Pseudocumene	169	Nonazeotrope		563
12764	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		547
12765	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	~ 178.2	30?	530
12766	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	170.0	Nonazeotrope		547
12767	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		538
12768	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		547
12769	C ₁₀ H ₁₄	Cymene	175.3	174	< 20	563
12770	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₇Cl	<i>o</i>-Chlorotoluene	179.3			
		<i>(continued)</i>				
12771	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	174.8	46	563
12772	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
12773	C ₁₀ H ₁₆	α -Phellandrene	171.5	170?		563
12774	C ₁₀ H ₁₆	α -Terpinene	173.4	173.0		562
12775	C ₁₀ H ₁₆	γ -Terpinene	181.5	176.9	~ 70	538
12776	C ₁₀ H ₁₆	Terpinolene	185	~ 177.5		563
12777	C ₁₀ H ₁₆	Thymene	179.7	177.2	~ 52	531
12778	C ₁₀ H ₁₈	<i>m</i> -Menthene-8	170.8	<170.0	<15	562
12779	C ₁₀ H ₁₈ O	Cineol	176.3	175.5	~ 19	563
12780	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		532
12781	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	Nonazeotrope		573
A =	C₇H₇Cl	<i>o</i>-Chlorotoluene	159.15			
12782	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		548
12783	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
12784	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	158.4		575
12785	C ₇ H ₁₄ O ₂	Methyl caproate	151.0	Nonazeotrope		547
12786	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		559
12787	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		559
12788	C ₈ H ₁₀ O	Methylheptenone	173.2	Nonazeotrope		552
12789	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		547
12790	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	158.0	>65	538
12791	C ₈ H ₁₆ O ₂	Isobutyl butyrate	157	155.5	<50	563
		"	156.8	Nonazeotrope		547
12792	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		547
12793	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		547
12794	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
12795	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		575
12796	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
12797	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		538
12798	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		575
12799	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
12800	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		538
12801	C ₁₀ H ₁₆	Camphene	159.6	~ 158.0		538
12802	C ₁₀ H ₁₆	Nopinene	163.8	<158.5	>63	562
12803	C ₁₀ H ₁₆	α -Pinene	155.8	154.5		562
12804	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
A =	C₇H₇Cl	<i>p</i>-Chlorotoluene	161.3			
12805	C ₇ H ₈ O	Anisole	153.85	Nonazeotrope		563
12806	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		575
12807	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	161.1	75	567
12808	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
12809	C ₇ H ₁₆ O	Heptyl alcohol	176.15	161.9	~ 92	575
12810	C ₈ H ₁₀ O	Phenetole	170.35	Nonazeotrope		573
12811	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		552
12812	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₇Cl	<i>p</i>-Chlorotoluene	161.3			
		<i>(continued)</i>				
12813	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		547
12814	C ₈ H ₁₆ O ₂	Ethyl caproate	167.9	Nonazeotrope		547
12815	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.3	159.5		547
12816	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		573
12817	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		566
12818	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		575
12819	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
12820	C ₉ H ₁₂	Mesitylene	164.0	160.5	~ 72	563
12821	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		538
12822	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
12823	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
12824	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		575
12825	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		575
12826	C ₁₀ H ₁₆	Cymene	176.7	Nonazeotrope		575
12827	C ₁₀ H ₁₆	Camphene	159.6	~ 158.0		535
12828	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		575
12829	C ₁₀ H ₁₆	Nopinene	163.8	160.2		563
12830	C ₁₀ H ₁₆	α -Pinene	155.8	< 155.5	< 20	575
12831	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
12832	C ₁₀ H ₁₈	<i>m</i> -Menthene-8	170.8	Nonazeotrope		575
12833	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		559
12834	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	158.5	~ 50	563
A =	C₇H₇ClO	<i>m</i>-Chloroanisole	193.3			
12835	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		575
12836	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		575
A =	C₇H₇ClO	<i>o</i>-Chloroanisole	195.7			
12837	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	< 189.8	> 20	562
A =	C₇H₇ClO	<i>p</i>-Chloroanisole	193.3			
12838	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		575
12839	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		575
12840	C ₈ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		575
12841	C ₉ H ₁₄ O	Phorone	197.8	< 197.4		575
12842	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
12843	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		575
12844	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		575
12845	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
A =	C₇H₇I	<i>p</i>-Iodotoluene	214.5			
12846	C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene	221.75	Nonazeotrope		554
12847	C ₇ H ₈ O	Benzyl alcohol	205.15	~ 203.0	25?	529
12848	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	201.6	25	543
12849	C ₇ H ₈ O	<i>o</i> -Cresol	190.8	Nonazeotrope		563
12850	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	201.0	23	542
12851	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	Nonazeotrope		551
12852	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		551
12853	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		551

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₇H₇I	<i>p</i>-Iodotoluene (continued)	214.5			
12854	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	213.0	70?	575
12855	C ₇ H ₁₂ O ₄	Ethyl malonate	199.35	<198.8	> 8	575
12856	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	211.5	83	562
12857	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		575
12858	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		575
12859	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	212.0	72	562
12860	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	<211.5		575
12861	C ₈ H ₁₀ O	2,4-Xylenol	210.5	207.5	38	575
12862	C ₈ H ₁₀ O	3,4-Xylenol	226.8	214.0	85	575
12863	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		535
12864	C ₈ H ₁₀ O ₂	Veratrole	205.5	Nonazeotrope		535
12865	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
12866	C ₈ H ₁₁ N	2,4-Xylydine	214.0	<212.5		575
12867	C ₈ H ₁₄ O ₄	Propyl oxalate	214	<209.2	>53	575
12868	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	Nonazeotrope		575
12869	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
12870	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy)-ethanol	231.2	Nonazeotrope		575
12871	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		553
12872	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		552
12873	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	<212.3	>14	575
12874	C ₁₀ H ₂₀ O	Menthol	216.3	<213.0		575
12875	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575
12876	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	<213.3	>42	562
A =	C₇H₇NO₂	<i>m</i>-Nitrotoluene	230.8			
12877	C ₇ H ₈ O	Benzyl alcohol	205.25	Nonazeotrope		554
12878	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope		575
12879	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	220.0	30	554
12880	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)-ethoxy]-ethanol	245.25	226.4	77	554
12881	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		554
12882	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		554
12883	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	220.0	Nonazeotrope		554
12884	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	233.0	30	551
12885	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope		551
12886	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		554
12887	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		554
12888	C ₈ H ₁₂ O ₄	Ethyl succinate	217.25	Nonazeotrope		554
12889	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	<229.8	<80	554
12890	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy)-ethanol	231.2	<229.0	<70	554
12891	C ₉ H ₇ N	Quinoline	237.6	Nonazeotrope		554
12892	C ₈ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		554
12893	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		575
12894	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		575
12895	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		554

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₇H₇NO₂	<i>m</i>-Nitrotoluene	230.8			
		<i>(continued)</i>				
12896	C ₉ H ₁₀ O ₃	Ethyl salicylate	253.8	Nonazeotrope		554
12897	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	229.5	68	554
12898	C ₉ H ₁₈ O ₂	Pelargonic acid	254.0	Nonazeotrope		575
12899	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		554
12900	C ₁₀ H ₁₀ O ₂	Safrol	232	227	55	563
12901	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	230.0	48	554
12902	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		554
12903	C ₁₀ H ₁₄ O	Carvone	231.0	230.5		545
12904	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		554
12905	C ₁₀ H ₁₃ N	Diethylaniline	217.05	Nonazeotrope		551
12906	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		575
12907	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		576
12908	C ₁₀ H ₁₈ O	Geraniol	229.6	227.3	49	554
12909	C ₁₀ H ₁₈ O	α -Terpineol	218.85	218.65	8	554
12910	C ₁₀ H ₂₀ O	Citronellol	224.4	223.2	>26	554
12911	C ₁₀ H ₂₀ O	Menthol	216.3	<216.2		554
12912	C ₁₀ H ₂₂ O	<i>n</i> -Decanol	232.8	228.2	60	554
12913	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		554
12914	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		554
12915	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate	248.1	Nonazeotrope		554
12916	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		554
12917	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		551
12918	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	<230.2	>56	554
12919	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	<226.5	>28	554
A =	C₇H₇NO₂	<i>o</i>-Nitrotoluene	221.75			
12920	C ₇ H ₈ O	Benzyl alcohol	202.25	Nonazeotrope		554
		"	205.2	204.75	9	536
12921	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	Nonazeotrope		554
12922	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		551
12923	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		551
12924	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		551
12925	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	<218.0	<60	554
12926	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)-ethoxy]-ethanol	245.25	<220.8	88	554
12927	C ₈ H ₈ O ₂	Phenyl acetate	228.75	Nonazeotrope		554
12928	C ₈ H ₈ O ₃	Methyl salicylate	222.95	221.65	86	554
12929	C ₈ H ₁₀ O	2-Phenethyl alcohol	219.4	217.6	43	554
12930	C ₈ H ₁₀ O	2,4-Xylenol	210.5	Nonazeotrope		575
12931	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		554
12932	C ₈ H ₁₀ O ₃	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		537
12933	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		554
12934	C ₈ H ₁₀ O ₂	Veratrol	206.5	Nonazeotrope		537
12935	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
12936	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		551
12937	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		551

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₇NO₂	<i>o</i>-Nitrotoluene	221.75			
		<i>(continued)</i>				
12938	C ₈ H ₁₁ N	3,4-Xylidine	225.5	Nonazeotrope		551
12939	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		551
12940	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		554
12941	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	221.1	62	554
12942	C ₈ H ₁₁ O ₄	Ethyl succinate	217.25	217.1		554
12943	C ₈ H ₁₆ O ₂	Caprylic acid	237.5	Nonazeotrope		541
12944	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	Nonazeotrope		554
12945	C ₈ H ₇ N	Quinoline	237.3	Nonazeotrope		554
12946	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		554
12947	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35			552
12948	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		552
12949	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		554
12950	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		554
12951	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		554
12952	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		554
		"	235.6	235.3	92	545
12953	C ₉ H ₁₂ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		551
12954	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		554
12955	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		554
12956	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		554
12957	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		554
12958	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		554
12959	C ₁₀ H ₁₅ N	Diethylaniline	217.05	216.85	12	551
12960	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
12961	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		552
12962	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	Nonazeotrope		554
12963	C ₁₀ H ₁₈ O	Borneol	215.0	213.5	25	554
12964	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		554
12965	C ₁₀ H ₁₈ O	Geraniol	229.6	220.7	81	554
12966	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		554
12967	C ₁₀ H ₁₈ O	α -Terpineol	218.85	217.1	38	554
12968	C ₁₀ H ₁₈ O	β -Terpineol	210.5	209.7	10	554
12969	C ₁₀ H ₂₀ O	Citronellol	224.4	219.8	62	554
12970	C ₁₀ H ₂₀ O	Menthol	216.3	214.65	34	554
12971	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		554
12972	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8	221.0	85	554
12973	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		575
12974	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		554
12975	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		554
12976	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	215.0	15?	554
12977	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		554
12978	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		554
12979	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	221.15	73	554
A =	C₇H₇NO₂	<i>p</i>-Nitrotoluene	238.9			
12980	C ₇ H ₈ O	Benzyl alcohol	202.25	Nonazeotrope		554

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₈NO₂	<i>p</i>-Nitrotoluene	238.9			
		<i>(continued)</i>				
12981	C ₇ H ₁₆ O ₄	2-[2-(2-Methoxyethoxy)-ethoxy]-ethanol	245.25	231.2	61	554
12982	C ₈ H ₈ O ₂	Anisaldehyde	249.5	Nonazeotrope		538
12983	C ₈ H ₈ O ₂	α -Toluic acid	266.8	Nonazeotrope		554
12984	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		554
12985	C ₈ H ₁₀ O	2-Phenylethanol	219.4	Nonazeotrope		554
12986	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		551
12987	C ₈ H ₁₁ NO	<i>p</i> -Phenetidine	249.9	Nonazeotrope		551
12988	C ₉ H ₁₆ O ₂	Caprylic acid	238.5	<235.0	<38	554
12989	C ₉ H ₇ N	Quinoline	237.3	237.2	8	553
12990	C ₉ H ₈ O	Cinnamyl aldehyde	253.5	Nonazeotrope		554
12991	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		554
12992	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	234.0	38	554
12993	C ₉ H ₁₂ O ₂	2-Benzyloxyethanol	265.2	Nonazeotrope		554
12994	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		554
12995	C ₁₀ H ₁₀ O ₂	Isosafrole	252.1	Nonazeotrope		554
12996	C ₁₀ H ₁₀ O ₂	Safrole	235.9	234.5	18	554
12997	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		554
12998	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		554
12999	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		554
13000	C ₁₀ H ₁₄ O	Carvacrol	237.85	237.7	>25	554
13001	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
13002	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		554
13003	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		554
13004	C ₁₀ H ₁₈ O	Geraniol	229.6	228.8	25	554
13005	C ₁₀ H ₁₈ O	α -Terpineol	217.8	~ 217.6	5	536
		"		Nonazeotrope		545
13006	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		554
13007	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		554
		"	216.4	216.3	3	536
13008	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8	231.5	33	554
13009	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		554
13010	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
13011	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		554
13012	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate	248.1	Nonazeotrope		554
13013	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	238.6	70	554
13014	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		551
13015	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		554
13016	C ₁₂ H ₁₀ O	Phenyl ether	259.0	Nonazeotrope		554
13017	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		554
13018	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	227.45	10	554
A =	C₇H₈	Toluene	110.7			
13019	C ₇ H ₈ O	Benzyl alcohol	204.7	Nonazeotrope	v-1	935
13020	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		625
13021	C ₇ H ₉ N	2,6-Lutidine	144	Nonazeotrope		562
13022	C ₇ H ₁₄	Ethylcyclopentane	103.5	103.0	7	516,632

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₈	Toluene (<i>continued</i>)	110.7			
13023	C ₇ H ₁₄	3-Heptene		Nonazeotrope	v-l	1016
13024	C ₇ H ₁₄	Methylcyclohexane	101.0	Nonazeotrope	v-l	236
		" 500 mm.	86.7	Nonazeotrope	v-l	236
		" 350 mm.	75.5	Nonazeotrope	v-l	236
		" 200 mm.	59.6	Nonazeotrope	v-l	236
		"	101.1	Nonazeotrope	v-l	317,772, 893
		" 60°-100° C.		Evaporation data		851
13025	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		575
13026	C ₇ H ₁₄ O ₂	Isopropyl isobutyrate	120.8	Nonazeotrope		575
13027	C ₇ H ₁₆	Heptane 25°C.		Nonazeotrope	v-l	932c
		" 90°C		Nonazeotrope	v-l	1022
		"	98	Evaporation data	v-l	317
		"	98.4	Nonazeotrope	v-l	1016
13028	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		575
13029	C ₈ H ₁₀	Ethylbenzene 90°C	136.18	Nonazeotrope (b.p. curve)		1045
13030	C ₈ H ₁₀	<i>p</i> -Xylene 90°C		Nonazeotrope	v-l	1022
13031	C ₈ H ₁₁ N	2-Methyl-5-ethylpyridine	178.3	Nonazeotrope		981
13032	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
13033	C ₈ H ₁₆	<i>cis</i> -1,3-Dimethylcyclohexane	120.1	110.6	96	632
13034	C ₈ H ₁₆	1,1,3-Trimethylcyclopentane	104.9	103.8	16	632
13035	C ₈ H ₁₆	<i>cis-trans-cis</i> -1,2,3-Trimethylcyclopentane	110.4	108.0	39	632
13036	C ₈ H ₁₆	<i>cis-trans-cis</i> -1,2,4-Trimethylcyclopentane	109.3	107.0	39	632
13037	C ₈ H ₁₆	2,3,4-Trimethyl-2-pentene	116	110	82	632
13038	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	107.0	35	632
13039	C ₈ H ₁₈	2-Methylheptane	117.6	110.3	82	632
13040	C ₈ H ₁₈	Isooctane	99.3	Nonazeotrope	v-l	759
13041	C ₈ H ₁₈	<i>n</i> -Octane	125.4	Nonazeotrope	v-l	86,203
13042	C ₈ H ₁₈	2,3,4-Trimethylpentane	113.5	109.5	60	632
13043	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	Nonazeotrope	v-l	163,779c
13044	C ₈ H ₁₈ O	Isobutyl ether	122	Nonazeotrope		537
13045	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
13046	C ₁₀ H ₂₂ O	Decyl alcohol (isomers)		Nonazeotrope		981
13047	C ₁₂ H ₂₆ O	2,6,8-Trimethyl-4-nonanol	225.5	Nonazeotrope		981
A =	C₇H₈SiCl₂	Methylphenyldichlorosilane	203.6			
13048	C ₈ H ₁₁ SiCl	Dimethylphenylchlorosilane	194.6	Nonazeotrope	v-l	228
A =	C₇H₈O	Anisole	153.85			
13049	C ₇ H ₁₄	4-Heptanone	143.3	Nonazeotrope		545

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₇H₈O	Anisole (continued)	153.85			
13050	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		576
13051	C ₇ H ₁₄ O ₂	Butyl propionate	146.5	Nonazeotrope		557
13052	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		557
13053	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		557
13054	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	Nonazeotrope		527
13055	C ₇ H ₁₆ O	Heptyl alcohol	176.15	Nonazeotrope		556
13056	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75	Nonazeotrope		549
13057	C ₈ H ₈	Styrene	145.8	Nonazeotrope		573
13058	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		527
13059	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		548
13060	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
13061	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		557
13062	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.4	Nonazeotrope		557
13063	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.8	Nonazeotrope		557
		"	157	151	67	563
13064	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.0	Nonazeotrope		527
13065	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	<153.6		557
13066	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		549
13067	C ₈ H ₁₉ N	Diisobutylamine	138.5	Nonazeotrope		551
13068	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		557
13069	C ₉ H ₁₂	Cumene	152.8	<152.0	>30	558
13070	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		558
13071	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		557
13072	C ₁₀ H ₁₈	Camphene	159.5	151.85	63	572
13073	C ₁₀ H ₁₈	Nopinene	163.8	152.3	74	558
13074	C ₁₀ H ₁₈	α -Pinene	155.8	150.45	56	563
13075	C ₁₀ H ₁₈	α -Terpinene	173.4	Nonazeotrope		558
13076	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	153.2	66	558
		"	160.25	Nonazeotrope		563
A =	C₇H₈O	Benzyl Alcohol	205.2			
13077	C ₇ H ₈ O	<i>m</i> -Cresol	202.2	207.1	61	542
13078	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		535
		"	190.8	206		563
13079	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	206.8	62	542
13080	C ₇ H ₈ O ₂	Guaiacol	205.05	204.25	43	556
13081	C ₇ H ₉ N	Methylaniline	196.25	195.8	30	551
		"	196.1	Nonazeotrope		545
13082	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	Nonazeotrope		551
		"	203.2	203.1	47	548
13083	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		551
13084	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		551
13085	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope		551
13086	C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate	195.0	Nonazeotrope		575
13087	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		571
		"	202	~ 201		563

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C_7H_8O	Benzyl Alcohol	205.2			
		<i>(continued)</i>				
13088	$C_8H_8O_2$	Benzyl formate	~ 202.3	~ 202.0		535
		“ “			52	999
13089	$C_8H_8O_2$	Methyl benzoate	199.2	Nonazeotrope		529
13090	$C_8H_8O_2$	Phenyl acetate	195.7	Nonazeotrope		535
13091	$C_8H_8O_3$	Methyl salicylate	205.2	Nonazeotrope		545
13092	$C_8H_{10}O$	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		575
13093	$C_8H_{10}O$	3,4-Xylenol	226.8	Nonazeotrope		575
13094	$C_8H_{10}O_2$	<i>m</i> -Dimethoxybenzene	214.7	Min. b.p.?		576
13095	$C_8H_{10}O_2$	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		575
13096	$C_8H_{10}O_2$	2-Phenoxyethanol	245.2	Nonazeotrope		575
13097	$C_8H_{10}O_2$	Veratrole	206.5	202.5	50	545
13098	$C_8H_{11}N$	Dimethylaniline	194.05	193.9	6.5	551
13099	$C_8H_{11}N$	Ethylaniline	205.5	202.8	50	551
13100	$C_8H_{11}N$	2,4-Xylidine	214.0	Nonazeotrope		551
13101	$C_8H_{11}N$	3,4-Xylidine	225.5	Nonazeotrope		551
13102	$C_8H_{11}NO$	<i>o</i> -Phenetidine	232.5	Nonazeotrope		551
13103	$C_8H_{16}O_4$	2-(2-Ethoxyethoxy)ethyl acetate	218.5	Nonazeotrope		575
13104	C_9H_7N	Quinoline	237.3	Nonazeotrope		553
13105	$C_9H_{10}O$	Benzyl vinyl ether, 25 mm.		103		1008
13106	$C_9H_{10}O$	Propiophenone	217.7	Nonazeotrope		552
13107	$C_9H_{10}O_2$	Benzyl acetate	214.9	Nonazeotrope		529
		“ “		201.1	93	v-1 495
		“ “ 100 mm.		140.0	84.7	v-1 495
		“ “ 50 mm.		98.8	79	v-1 495
13108	$C_9H_{10}O_2$	Ethyl benzoate	213	Nonazeotrope		563
13109	$C_9H_{10}O_2$	Methyl α -toluate	215.3	Nonazeotrope		575
13110	C_9H_{12}	Mesitylene	164.6	Nonazeotrope		540
13111	$C_9H_{12}O$	Phenyl propyl ether	190.5	Nonazeotrope		575
13112	$C_9H_{13}N$	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	185.2	7	551
		“		Nonazeotrope		545
13113	$C_9H_{13}N$	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	202.8	58	551
13114	$C_9H_{16}O_3$	Isobutyl carbonate	190.3	Nonazeotrope		575
13115	$C_{10}H_8$	Naphthalene	218.05	204.1	60	541
13116	$C_{10}H_{10}O_2$	Safrole	235.9	Nonazeotrope		556
13117	$C_{10}H_{12}O$	Anethole	235.7	Nonazeotrope		575
13118	$C_{10}H_{14}$	Cymene	176.7	Nonazeotrope		537
13119	$C_{10}H_{14}O$	Thymol	232.9	Nonazeotrope		575
13120	$C_{10}H_{15}N$	Diethylaniline	217.05	204.2	72	551
13121	$C_{10}H_{16}$	Camphene	159.6	Nonazeotrope		537
13122	$C_{10}H_{16}$	<i>d</i> -Limonene	177.8	176.4	11	541
13123	$C_{10}H_{16}$	α -Pinene	155.8	Nonazeotrope		563
13124	$C_{10}H_{16}$	α -Terpinene	173.4	Nonazeotrope		575
13125	$C_{10}H_{16}$	Terpinene	180.5	179	13?	563

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₇H₈O	Benzyl Alcohol	205.2			
		<i>(continued)</i>				
13126	C ₁₀ H ₁₆	Terpinolene	184.6	182.5	15	575
13127	C ₁₀ H ₁₆	Thymene	179.7	179.0	14	530
13128	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
		"	208.9	205.45?		563
13129	C ₁₀ H ₁₈ O	Borneol	215.0	205.07	85.8	549
13130	C ₁₀ H ₁₈ O	Citronellal	207.8	202.9	56	529
13131	C ₁₀ H ₁₈ O	Menthone	209.5	Nonazeotrope		552
		"	207	~ 204.8		563
13132	C ₁₀ H ₁₈ O	α-Terpineol	217.8	Nonazeotrope		532
13133	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		545
13134	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	< 204.8	< 82	575
13135	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		575
13136	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		566
13137	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		537
13138	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		575
13139	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		575
13140	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		556
		" "	192.2	Min. b.p.		576
13141	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.2	Nonazeotrope		545
13142	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	207.5	198.7	~ 50	563
13143	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	203.2	57	537
13144	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.5	201	39	556
13145	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	< 203.0	< 50	575
A =	C₇H₈O	<i>m</i>-Cresol	202.2			
13146	C ₇ H ₈ O	<i>o</i> -Cresol	191.1	Nonazeotrope		813
13147	C ₇ H ₈ O	<i>p</i> -Cresol	200.9	Nonazeotrope		328
13148	C ₇ H ₈ O ₂	Guaiacol	205.05	Nonazeotrope		542
13149	C ₇ H ₉ N	Benzylamine	185.0	< 207.2	< 94	551
13150	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		551
13151	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	205.5	53	551
13152	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	203.65	61.5	551
13153	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	204.3	62	551
13154	C ₇ H ₁₄ O ₂	Enanthic acid	222.0	Nonazeotrope		575
13155	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	Max. b.p.		544
13156	C ₇ H ₁₆ O ₃	2-Ethoxyethyl 2-methoxyethyl ether	194.2		63.6 v-1	730
13157	C ₈ H ₈ O	Acetophenone	202.0	208.45	47.2	552
13158	C ₈ H ₈ O ₂	Benzyl formate	202.4	207.1	46	542
13159	C ₈ H ₈ O ₂	Methyl benzoate	199.45	204.6	63	542
13160	C ₈ H ₈ O ₂	Phenyl acetate	195.7	204.4	70	542
13161	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		542
13162	C ₈ H ₁₀ O	2,4-Xylenol	210.5	Nonazeotrope		575
13163	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		544
13164	C ₈ H ₁₀ O ₂	Veratrole	206.5	Nonazeotrope		542
13165	C ₈ H ₁₁ N	2,4,6-Collidine	171.2	206.19	73	506

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₇H₈O	<i>m</i> -Cresol (<i>continued</i>)	202.2			
13166	C ₉ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
13167	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		551
13168	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		575
13169	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		575
13170	C ₈ H ₁₆ O ₂	2-Ethylcaproic acid	227	Nonazeotrope	v-l	730
13171	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	207.6	50	563
13172	C ₈ H ₁₈ O	Octyl alcohol	195.15	203.3	62	542
13173	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		542
13174	C ₈ H ₁₈ O ₃	Bis(2-ethoxyethyl)ether	188.9		62	v-l 730
13175	C ₉ H ₈	Indene	182.6	Nonazeotrope		542
13176	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		552
13177	C ₉ H ₁₀ O	Propiophenone	217.7	218.6	17	552
13178	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		575
		" "	214.9	215.5	12	542
13179	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	212.75	~ 9	542
		" "	212.4		26.6	314
13180	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		575
13181	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.35	Nonazeotrope		551
13182	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		551
13183	C ₉ H ₁₄ O	Phorone	197.8	206.5	55	552
13184	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		575
13185	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		544
13186	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		544
13187	C ₁₀ H ₈	Naphthalene	218.05	202.08	2.8?	541
		"	217.9	Nonazeotrope		506
13188	C ₁₀ H ₁₂ O	Estragole	215.6	Nonazeotrope		542
13189	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		575
13190	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
13191	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		544
13192	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
13193	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
13194	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9	Nonazeotrope		544
13195	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
13196	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
13197	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		542
13198	C ₁₀ H ₁₆ O	Camphor	209.1	213.35	36.5	552
13199	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		542
13200	C ₁₀ H ₁₈ O	Citronellal	207.8	211.0	30	545
13201	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		575
13202	C ₁₀ H ₁₈ O	Linalool	198.6	Reacts		542
13203	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		544
13204	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		542
13205	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		575
13206	C ₁₀ H ₂₂ O	Isoamyl ether	173.35	Nonazeotrope		564
13207	C ₁₁ H ₁₀	2-Methylnaphthalene	241.1	Nonazeotrope		v-l 730
13208	C ₁₁ H ₂₀ O	α -Terpineol methyl ether	216.2	Nonazeotrope		542

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₇H₈O	<i>m</i>-Cresol (continued)	202.2			
13209	C ₁₂ H ₁₂	1-Ethynaphthalene	254.2	Nonazeotrope	v-l	730
13210	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		542
13211	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	Nonazeotrope		544
13212	C ₁₃ H ₁₄	2-Isopropyl-naphthalene	266.5	Nonazeotrope	v-l	730
13213	C ₁₄ H ₃₀ O	Tetradecanol	260.0	Nonazeotrope	v-l	730
13214	C ₁₅ H ₁₈	2-Amylnaphthalene	292.3	Nonazeotrope	v-l	730
13215	C ₁₆ H ₂₀	Diisopropyl-naphthalene	305	Nonazeotrope	v-l	730
A =	C₇H₈O	<i>o</i>-Cresol	191.1			
13216	C ₇ H ₈ O	<i>p</i> -Cresol	201.7	Nonazeotrope		545
13217	C ₇ H ₉ N	Benzylamine	185.0	201.45	67	551
13218	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		551
		"	196.1	196.7	~ 10	563
13219	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	Nonazeotrope		551
13220	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		551
13221	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		551
13222	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0	Nonazeotrope		575
13223	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9	Reacts		563
13224	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5	Nonazeotrope		575
13225	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	194.1	68	556
13226	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	193.3	69	542
13227	C ₇ H ₁₆ O	Heptyl alcohol	176.16	Nonazeotrope		575
13228	C ₈ H ₈	Styrene	145.8	Nonazeotrope		575
13229	C ₈ H ₈ O	Acetophenone	202.0	203.75	26	552
13230	C ₈ H ₈ O ₂	Benzyl formate	202.3	~ 203.0	~ 15	574
13231	C ₈ H ₈ O ₂	Methyl benzoate	199.45	200.3	21	542
13232	C ₈ H ₈ O ₂	Phenyl acetate	195.7	198.5	36	542
13233	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		575
13234	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		542
13235	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		556
13236	C ₈ H ₁₀ O ₂	Veratrole	206.5	Nonazeotrope		544
13237	C ₈ H ₁₁ N	<i>o</i> -Collidine	171.30	197.20	63.0	505
13238	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
		"	194.05	195.6	<30	563
13239	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		551
13240	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		551
13241	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		575
13242	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		575
13243	C ₈ H ₁₄ O	Methylheptenone	173.2	191.8	85	552
13244	C ₈ H ₁₄ O ₄	Ethyl succinate	216.5	Nonazeotrope		563
13245	C ₈ H ₁₆ O	2-Octanone	172.85	192.05	76	527
13246	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	204.2	18	542
13247	C ₈ H ₁₈ O	Octyl alcohol	195.15	196.9	38	574
13248	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	191.4	~ 92	535
13249	C ₈ H ₁₈ S	Butyl sulfide	185.0	183.8	25	566

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₈O	<i>o</i> -Cresol (<i>continued</i>)	191.1			
13250	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		566
13251	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		575
13252	C ₉ H ₈	Indene	183.0	182.9	9	541
13253	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		552
13254	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		575
13255	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.9	Nonazeotrope		563
13256	C ₉ H ₁₂	Mesitylene	164.0	Nonazeotrope		563
13257	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
13258	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
13259	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		575
13260	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		575
13261	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.35	185.3	5	551
13262	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		575
13263	C ₉ H ₁₄ O	Phorone	197.8	201.3	35	552
13264	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
13265	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		575
13266	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	193.7	60	562
13267	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	191.6	~ 83	573
13268	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	Nonazeotrope		563
13269	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	195.8	33	562
13270	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	194.5	49	542
13271	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		538
13272	C ₁₀ H ₁₄	Cymene	175.3	~ 175		563
13273	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
13274	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		542
13275	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	175.35	25	563
13276	C ₁₀ H ₁₆	Nopinene	163.8	Azeotrope doubtful (reacts)		563
13277	C ₁₀ H ₁₆	α -Phellandrene	171.5	171?		563
13278	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		563
13279	C ₁₀ H ₁₆	α -Terpinene	173.4	172.0	16	562
13280	C ₁₀ H ₁₆	Terpinene	181.5	177.8	28	542
13281	C ₁₀ H ₁₆	Terpinolene	184.6	179.5	34	562
13282	C ₁₀ H ₁₆	Thymene	179.7	176.6	73	573
13283	C ₁₀ H ₁₆ O	Camphor	209.1	209.85	15	552
13284	C ₁₀ H ₁₆ O	Fenchone	193.6	199.6	43	552
13285	C ₁₀ H ₁₇ Cl	Bornyl chloride	~ 210	Nonazeotrope		563
13286	C ₁₀ H ₁₈ O	Borneol	211.8	Nonazeotrope		563
13287	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		556
13288	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		575
13289	C ₁₀ H ₁₈ O	Linalool	198.6	199.0	~ 20	535
		"	198.6	Nonazeotrope		538
13290	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		575
13291	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		575
13292	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		542
13293	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₈O	<i>o</i>-Cresol (continued)	191.1			
13294	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	195.45	33	570
13295	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1			575
13296	C ₁₀ H ₂₂ O	Amyl ether	187.5	186.2		556
13297	C ₁₀ H ₂₂ O	Isoamyl ether	173.4			542,556
13298	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8			566
13299	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	189.7	68	562
13300	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216			542
13301	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	204.9			575
A =	C₇H₉O	<i>x</i>-Cresol	202			
13302	C ₇ H ₉ N	Pyridine bases	163	204.9	78	1065
13303	C ₇ H ₉ N	Pyridine bases	157	204.4	80	1065
13304	C ₇ H ₉ N	Pyridine bases	142-5	202.5	90	1065
A =	C₈H₈O	<i>m,p</i>-Cresols	202			
13305	C ₁₀ H ₈	Naphthalene	218.1	202	71.8	624
13306	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15			270
A =	C₇H₈O	<i>p</i>-Cresol	201.6			
13307	C ₇ H ₈ O ₂	Guaiacol	205.1			528
13308	C ₇ H ₉ N	Benzylamine	185.0	> 206.5	< 95	551
13309	C ₇ H ₉ N	Methylaniline	196.25			551
		"	196.1	~ 202.2	~ 93	563
13310	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	204.9	47	551
13311	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	203.5	57	551
13312	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	204.05	57	551
13313	C ₇ H ₉ NO	<i>o</i> -Anisidine	219.0			575
13314	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9		Reacts	563
13315	C ₇ H ₁₄ O	2-Methylcyclohexanol	168.5			575
13316	C ₇ H ₁₄ O ₂	Enanthic acid	222.0			575
13317	C ₇ H ₁₄ O ₃	1,3-Butanediol methyl ether acetate	171.75	203.3	82	527
13318	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15			542
13319	C ₇ H ₁₄ O ₃	2-Ethoxyethyl 2-methoxyethyl ether	194.2	64.7		v-l 730
13320	C ₈ H ₈ O	Acetophenone	202.0	208.4	46.5	552
13321	C ₈ H ₈ O ₂	Benzyl formate	202.4	207.0	42	542
13322	C ₈ H ₈ O ₂	Methyl benzoate	199.4	204.35	40	527
13323	C ₈ H ₈ O ₂	Phenyl acetate	195.7	204.3	68	573
13324	C ₈ H ₁₀ O	Phenethyl alcohol	219.4			542
13325	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7			538
13326	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5			542
13327	C ₈ H ₁₀ O ₂	Veratrole	206.5			542
13328	C ₈ H ₁₁ N	Dimethylaniline	194.15			551
13329	C ₈ H ₁₁ N	2-4-Xylidine	214.0			551
13330	C ₈ H ₁₁ N	Ethylaniline	205.5			551
		"		207.2	< 20	562
13331	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85			526

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C_7H_8O	<i>p</i> -Cresol (<i>continued</i>)	201.6			
13332	$C_8H_{12}O_4$	Ethyl maleate	223.3	Nonazeotrope		526
13333	$C_8H_{14}O_4$	Ethyl succinate	216.5	Reacts		563
13334	$C_8H_{16}O_2$	2-Ethylcaproic acid	227	Nonazeotrope	v-l	730
13335	$C_8H_{16}O_3$	Isoamyl lactate	202.4	207.25	48	563
13335a	C_8H_{18}	Octane	125	Nonazeotrope	v-l	956c
13336	$C_8H_{18}O$	Octyl alcohol	195.2	202.25	70	564
13337	$C_8H_{18}O$	<i>sec</i> -Octyl alcohol	178.5	Nonazeotrope		563
13338	$C_8H_{18}O_3$	Bis(2-ethoxyethyl) ether	188.9		63	v-l 730
13339	$C_8H_{18}S$	Butyl sulfide	185.0	Nonazeotrope		566
13340	C_9H_8	Indene	182.6	Nonazeotrope		542
13341	$C_9H_{10}O$	<i>p</i> -Methylacetophenone	226.55	Nonazeotrope		552
13342	$C_9H_{10}O$	Propiophenone	217.7	218.5	16.2	552
13343	$C_9H_{10}O_2$	Benzyl acetate	214.9	~ 215.2	10	542
		"	215.6	Nonazeotrope		563
13344	$C_9H_{10}O_2$	Ethyl benzoate	212.6	Nonazeotrope		542
		"	212.4	"	24.5	314
13345	$C_9H_{12}O$	Phenyl propyl ether	190.5	Nonazeotrope		575
13346	$C_9H_{13}N$	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.35	Nonazeotrope		551
13347	$C_9H_{13}N$	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		551
13348	$C_9H_{14}O$	Phorone	197.8	206.0	55	552
13349	$C_9H_{18}O_2$	Butyl isovalerate	177.6	Nonazeotrope		575
13350	$C_9H_{18}O_2$	Ethyl enanthate	188.7	Nonazeotrope		575
13351	$C_9H_{18}O_2$	Isoamyl butyrate	178.5	Nonazeotrope		542
13352	$C_9H_{18}O_2$	Methyl caprylate	192.9	Nonazeotrope		575
13353	$C_9H_{18}O_3$	Isobutyl carbonate	190.3	203.2	~ 80	563
13354	$C_{10}H_8$	Naphthalene	218.05	Nonazeotrope		542
13355	$C_{10}H_{12}O_2$	Ethyl α -toluate	228.75	Nonazeotrope		575
13356	$C_{10}H_{12}O_2$	Propyl benzoate	230.85	Nonazeotrope		575
13357	$C_{10}H_{14}$	Butylbenzene	183.1	Nonazeotrope		575
13358	$C_{10}H_{14}$	Cymene	176.7	Nonazeotrope		542
13359	$C_{10}H_{14}O$	Carvone	231.0	Nonazeotrope		552
13360	$C_{10}H_{15}N$	Diethylaniline	217.05	Nonazeotrope		551
13361	$C_{10}H_{16}$	<i>d</i> -Limonene	177.8	177.6	4	542
13362	$C_{10}H_{16}$	Nopinene	163.8	Nonazeotrope		575
13363	$C_{10}H_{16}$	α -Pinene	155.8	Nonazeotrope		575
13364	$C_{10}H_{16}$	α -Terpinene	173.4	Nonazeotrope		575
13365	$C_{10}H_{16}$	γ -Terpinene	183	181.8	13	575
13366	$C_{10}H_{16}$	Terpinene	180.5	~ 179		563
13367	$C_{10}H_{16}$	Terpinolene	184.6	183	16	575
13368	$C_{10}H_{16}$	Thymene	179.7	Nonazeotrope		564
13369	$C_{10}H_{16}O$	Camphor	209.1	213.5	30.5	552
13370	$C_{10}H_{16}O$	Fenchone	193.6	205.5	72	552
13371	$C_{10}H_{16}O$	Pulegone	223.8	224.2	97	552
13372	$C_{10}H_{17}Cl$	Bornyl chloride	~210	200.5	70	563
13373	$C_{10}H_{18}O$	Borneol	213.4	213.6	~ 10	535
13374	$C_{10}H_{18}O$	Cineole	176.35	Nonazeotrope		556

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₅O	<i>p</i>-Cresol (continued)	201.6			
13375	C ₁₀ H ₁₈ O	Citronellal	207.8	210.5		545
13376	C ₁₀ H ₁₈ O	Geraniol	229.5	Nonazeotrope		575
13377	C ₁₀ H ₁₈ O	Linalool	198.6	204	~ 55	535
13378	C ₁₀ H ₁₈ O	Menthone	~206	211	~ 38	563
13379	C ₁₀ H ₁₈ O	α -Terpineol	218.0	Nonazeotrope		542
13380	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		575
13381	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		575
13382	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		535
		"	212	212		563
13383	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	209.5	25	575
13384	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	~ 193.5	~203.5	~74	573
		"	192.7	Nonazeotrope		542
13385	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		556
13386	C ₁₀ H ₂₂ O	Isoamyl ether	173.35	Nonazeotrope		564
13387	C ₁₁ H ₁₀	2-Methylnaphthalene	241.1	Nonazeotrope	v-1	527,730
13388	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		575
13389	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		575
13390	C ₁₂ H ₁₂	1-Ethyl naphthalene	254.2	Nonazeotrope	v-1	730
13391	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	201.5	~96	563
13392	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	Nonazeotrope		544
13393	C ₁₃ H ₁₄	2-Isopropyl naphthalene	266.5	Nonazeotrope	v-1	730
13394	C ₁₄ H ₃₀ O	Tetradecanol	260.0	Nonazeotrope	v-1	730
13395	C ₁₅ H ₁₈	2-Amylnaphthalene	292.3	Nonazeotrope	v-1	730
13396	C ₁₆ H ₂₀	Diisopropyl naphthalene	305	Nonazeotrope	v-1	730
A =	C₇H₅O₂	Guaiacol	205.05			
13397	C ₇ H ₉ N	Methylaniline	196.25	Nonazeotrope		551
13398	C ₇ H ₉ N	<i>m</i> -Toluidine	203.1	Nonazeotrope		551
13399	C ₇ H ₉ N	<i>o</i> -Toluidine	200.35	Nonazeotrope		551
13400	C ₇ H ₉ N	<i>p</i> -Toluidine	200.55	Nonazeotrope		551
13401	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9	Nonazeotrope		563
13402	C ₈ H ₈ O	Acetophenone	202.0	205.25	67.5	552
13403	C ₈ H ₈ O ₂	Benzyl formate	202.3	206.2	~90	574
13404	C ₈ H ₈ O ₂	Methyl benzoate	199.45	Nonazeotrope		556
13405	C ₈ H ₈ O ₂	Phenyl acetate	195.5	Nonazeotrope		563
13406	C ₈ H ₈ O ₃	Methyl salicylate	222.95	Nonazeotrope		575
13407	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		535
13408	C ₈ H ₁₀ O	2,4-Xylenol	210.5	Nonazeotrope		575
13409	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		535
13410	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
13411	C ₈ H ₁₁ N	Ethylaniline	205.5	204.4	55	551
13412	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		551
13413	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	Nonazeotrope		563
13414	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
13415	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		566
13416	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₈O₂	Guaiacol (<i>continued</i>)	205.05			
13417	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		545
13418	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		556
13419	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.35	Nonazeotrope		551
13420	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		575
13421	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		535
13422	C ₁₀ H ₁₂ O	Estragole	215.6	Nonazeotrope		535
13423	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
13424	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
13425	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		575
13426	C ₁₀ H ₁₈ O	Borneol	211.8	Nonazeotrope		556
13427	C ₁₀ H ₁₈ O	Citronellal	207.8	204.55	86.5	556
13428	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		575
13429	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		545
13430	C ₁₀ H ₁₈ O	α -Terpineol	217.8	Nonazeotrope		535
13431	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		535
13432	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	208.9	15	575
13433	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		575
13434	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		566
13435	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		535
13436	C ₁₃ H ₂₈	Tridecane	234.0	Nonazeotrope		575
A =	C₈H₈O₂	<i>m</i>-Methoxyphenol	243.8			
13437	C ₈ H ₇ N	Indole	253.5	Nonazeotrope		575
13438	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		575
13439	C ₉ H ₈ O	Cinnamaldehyde	253.7	Nonazeotrope		575
13440	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		575
13441	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		575
13442	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
13443	C ₁₀ H ₁₀ O ₂	Isosafrole	252.1	Nonazeotrope		535
13444	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		575
13445	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
13446	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		544
13447	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0	Nonazeotrope		535
13448	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1	243		535
13449	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	240.2	25	575
13450	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.2	Nonazeotrope		535
13451	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	245.5	~60	535
13452	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		551
13453	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		575
A =	C₈H₈S	α-Toluenethiol	194.8			
13454	C ₁₀ H ₁₆	Terpinolene	185	Reacts		563
A =	C₈H₉N	Benzylamine	185.0			
13455	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		551
13456	C ₉ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		551
13457	C ₈ H ₁₀ O	Phenetole	170.45	Nonazeotrope		551
13458	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	< 181.5		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₉N	Benzylamine (<i>continued</i>)	185.0			
13459	C ₁₀ H ₁₈ O	Cineole	176.35	175.6	16.5	527
13460	C ₁₀ H ₂₂ O	Amyl ether	187.5	< 180.0	< 67	551
13461	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	170.4	23	551
13462	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	< 184.2		575
A =	C₇H₉N	2,4-Lutidine	159.0			
13462a	C ₉ H ₂₀	Nonane	150	148.30	32.26	263c
13462b	C ₁₁ H ₂₄	Undecane		Nonazeotrope		v-l 263c,263e
A =	C₇N₉N	2,6-Lutidine	144			
13463	C ₈ H ₈	Styrene	145	Min. b.p.		243
13464	C ₉ H ₁₀	Ethylbenzene	136	Min. b.p.		243
13465	C ₈ H ₁₀	Xylenes	140	Min. b.p.		243
13466	C ₉ H ₁₈	2,3,4-Trimethylpentane	113.4	Nonazeotrope		175
13467	C ₁₀ H ₂₂	Decane	174.0	Nonazeotrope		v-l 1056
A =	C₇H₉N	Methylaniline	196.25			
13468	C ₇ H ₉ N	<i>o</i> -Toluidine	200.3	Nonazeotrope		549
13469	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.75	Nonazeotrope		551
13470	C ₈ H ₈ O	Acetophenone	202.25	Nonazeotrope		545
13471	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	Nonazeotrope		551
13472	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		551
13473	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		549
		“ 20 mm.	85.4	Nonazeotrope		413
		“ 95°-145°C.		Nonazeotrope		v-l 181
13474	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	193.0	45	551
13475	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		551
13476	C ₉ H ₈	Indene	182.6	Nonazeotrope		551
13477	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		551
13478	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		551
13479	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		551
13480	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		551
13481	C ₁₀ H ₁₆	Dipentene	177.7	< 177.2	< 11	551
13482	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	174.5	13	563
13483	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		551
13484	C ₁₀ H ₁₆	α -Pinene	155.3	Nonazeotrope		551
13485	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		551
13486	C ₁₀ H ₁₆	Terpinolene	185	180	~32	563
13487	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		551
13488	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		551
13489	C ₁₀ H ₁₈ O	Linalool	198.6	195.6	70	551
13490	C ₁₀ H ₁₈ O	Menthone	209.5	Nonazeotrope		575
13491	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		551
13492	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		551
13493	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		551
13494	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		551
13495	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		551

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₇H₉N	<i>m</i>-Toluidine	203.1			
13496	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		551
13497	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		551
13498	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		551
13499	C ₈ H ₁₁ N	Ethylaniline	205.5	202.95	89	564
13500	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	Nonazeotrope		551
13501	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		551
13502	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		551
13503	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		551
13504	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		551
13505	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		551
13506	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		551
13507	C ₁₀ H ₁₈ O	Menthone	209.5	Nonazeotrope		579
13508	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		551
13509	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		575
13510	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		551
13511	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		575
13512	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		551
13513	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	< 201.0	< 60	551
A =	C₇H₉N	<i>o</i>-Toluidine	200.7			
13514	C ₇ H ₁₂ O ₄	Ethyl malonate	198.9	Reacts		563
13515	C ₇ H ₁₆ O	<i>n</i> -Heptyl alcohol	176.15	Nonazeotrope		551
13516	C ₈ H ₈ O	Acetophenone	202.0	203.65	32	551
13517	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	Nonazeotrope		551
13518	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		537
13519	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	194.7	23	564
13520	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		551
13521	C ₉ H ₈	Indene	182.6	Nonazeotrope		551
13522	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		551
13523	C ₉ H ₁₃ N	<i>N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		549
13524	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		551
13525	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		551
13526	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		551
13527	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		551
13528	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		551
13529	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		575
13530	C ₁₀ H ₁₈ O	Linalool	198.6	198.3	30	551
13531	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		575
13532	C ₁₀ H ₁₈ O	β -Terpineol	210.75	Nonazeotrope		551
13533	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		551
13534	C ₁₀ H ₂₂	Decane	174.6	173.76	13.0	506
13535	C ₁₁ H ₁₇ N	Diethyl- <i>o</i> -toluidine, 20 mm.		98.8	48	474
13536	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	< 192.0		575
13537	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.0	Nonazeotrope		537
13538	C ₁₁ H ₂₄	Undecane	195.5	188.25	39.7	506
13539	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		551

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₇H₉N	<i>o</i>-Toluidine (continued)	200.7			
13540	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	< 198.5		575
13541	C ₁₂ H ₂₆	Dodecane	216.5	195.75	63.0	506
13542	C ₁₃ H ₂₈	Tridecane	234.6	199.45	85.5	506
A =	C₇H₉N	<i>p</i>-Toluidine	200.5			
13543	C ₈ H ₈ O	Acetophenone	202.0	203.65	32	551
		"	202	~ 199		563
13544	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	194.65	23	551
		" "	195.15	194.4	33	545
13545	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4			551
13546	C ₉ H ₈	Indene	182.6			551
13547	C ₉ H ₁₀ O	Propiophenone	217.7			551
13548	C ₁₀ H ₈	Naphthalene	218.0			551
13549	C ₁₀ H ₁₆	Terpinolene	184.6	< 183.5		551
13550	C ₁₀ H ₁₆ O	Camphor	209.1			551
13551	C ₁₀ H ₁₈ O	Borneol	215.0			551
13552	C ₁₀ H ₁₈ O	Menthone	~ 207			563
13553	C ₁₀ H ₂₀ O	Menthol	216.3			551
A =	C₇H₉NO	<i>o</i>-Anisidine	219.0			
13554	C ₈ H ₈ O	Acetophenone	202.0			575
13555	C ₈ H ₈ O ₃	Methyl salicylate	222.95			575
13556	C ₈ H ₁₀ O	3,4-Xylenol	226.8			575
13557	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35			575
13558	C ₉ H ₁₀ O	Propiophenone	217.7	219.7	~ 65	575
13559	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8			575
13560	C ₉ H ₁₄ O	Phorone	197.8			575
13561	C ₁₀ H ₈	Naphthalene	218.0	217.0	50	575
13562	C ₁₀ H ₁₄ O	Thymol	232.9			575
13563	C ₁₀ H ₂₀ O	Menthol	216.3	< 216.0		551
13564	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15			575
13565	C ₁₁ H ₂₀ O	Methyl- α -terpineol ether	216.2	215.2	35	575
13566	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	214.5	35	575
A =	C₇H₁₂	Heptyne	99.5			
13566a	C ₇ H ₁₄	Heptene	93.6			Nonazeotrope v-1 498f
13566b	C ₇ H ₁₆	Heptane	400 mm.	76.2	44.8	v-1 498f
		"	600 mm.	89.3	42.3	v-1 498f
		"	760 mm.	98.4	39.9	v-1 498f
A =	C₇H₁₂O₄	Ethyl Malonate	198.6			
13567	C ₈ H ₈ O	Acetophenone	202.0			552
13568	C ₈ H ₈ O ₂	Benzyl formate	203.0	< 198.2		549
13569	C ₈ H ₈ O ₂	Methyl benzoate	199.55	198.2	~ 54	528
		" "	199.4	198.7	56	527
13570	C ₈ H ₈ O ₂	Phenyl acetate	195.7			Nonazeotrope 529
13571	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7			Nonazeotrope 537
13572	C ₈ H ₁₄ O ₄	Propyl oxalate	214			Nonazeotrope 575
13573	C ₈ H ₁₆ O	2-Octanone	172.85			Nonazeotrope 552
13574	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4			Nonazeotrope 575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₁₂O₄	Ethyl Malonate	198.6			
		<i>(continued)</i>				
13575	C ₈ H ₁₈ O	Octyl alcohol	195.15	Reacts		536
13576	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		575
13577	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
13578	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
13579	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		557
13580	C ₉ H ₁₄ O	Phorone	197.8	< 197.65	< 47	552
13581	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9	191.9	26	549
13582	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		549
13583	C ₁₀ H ₈	Naphthalene	218.1	Nonazeotrope		563
13584	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
13585	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		537
13586	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		575
13587	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	177.5	10	537
13588	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
13589	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		546
13590	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
13591	C ₁₀ H ₁₆	Terpinene	181.5	178.0	22	538
13592	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
13593	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	< 198.0	< 82	575
13594	C ₁₀ H ₁₈ O	Linalool	199	~ 198	~ 60	563
13595	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	191.75	30	527
13596	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	Nonazeotrope		557
13597	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		557
13598	C ₁₁ H ₂₄ O ₂	Diisoamylmethane	207.5	Azeotrope doubtful		563
		"		Nonazeotrope		557
13599	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
13600	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	< 196.0	< 71	557
13601	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	< 196.2	< 70	557
A =	C₇H₁₃ClO₂	Isoamyl Chloroacetate	190.5			
13602	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	Nonazeotrope		575
13603	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		575
13604	C ₈ H ₈ O ₂	Methyl benzoate	199.55	Nonazeotrope		563
13605	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		575
13606	C ₈ H ₁₈ O	Octyl alcohol	195.2	< 193.5	< 62	575
13607	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
13608	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		563
13609	C ₁₀ H ₁₈ O	Linalool	198.6	< 194.2	< 82	575
A =	C₇H₁₄	3-Heptene	94.8			
13610	C ₇ H ₁₆	Heptane	98.4	Nonazeotrope		575
		"	98.4	Nonazeotrope		v-1 1016
A =	C₇H₁₄	Methylcyclohexane	100.8			
13611	C ₇ H ₁₆	<i>n</i> -Heptane	98.4	Nonazeotrope		v-1 86,317,893
		"	98.45	98.3	10	381,572
13612	C ₈ F ₁₆ O	Perfluorocyclic oxide	102.5	85	40	vol. % 609
13613	C ₈ H ₁₈	2,5-Dimethylhexane	109.4	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₁₄	Methylcyclohexane	100.8			
		<i>(continued)</i>				
13614	C ₈ H ₁₈	2,2,4-Trimethylpentane, 741 mm.	98.2	Nonazeotrope	v-1	365
13615	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		558
A =	C₇H₁₄O	4-Heptanone	143.55			
13616	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	Nonazeotrope		552
13617	C ₇ H ₁₄ O ₂	Ethyl <i>n</i> -valerate	145.15	Nonazeotrope		552
13618	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	141.7	25	552
13619	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		552
13620	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	143.0	47	552
13621	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		552
13622	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	139.0	10	552
13623	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	142.4	42	552
13624	C ₈ H ₁₉ N	Diisobutylamine	138.5	< 137.0	< 32	575
13625	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		552
13626	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		552
13627	C ₁₀ H ₁₆	Camphene	159.6	142.5	95	552
13628	C ₁₀ H ₁₆	α -Pinene	155.8	142.0	80	543
A =	C₇H₁₄O	2-Methylcyclohexanol	168.5			
13629	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	Nonazeotrope		575
13630	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		575
13631	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		575
13632	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	165.0	46	575
13633	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	167.5	71	576
13634	C ₈ H ₁₀ O	Phenetole	170.45	165.7	50	576
13635	C ₈ H ₁₁ N	Dimethylaniline	194.05	Nonazeotrope		551
13636	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		552
13637	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		552
13638	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		575
13639	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		575
13640	C ₉ H ₁₂	Cumene	152.8	151.7	12	575
13641	C ₉ H ₁₂	Mesitylene	164.6	160.5	34	567
13642	C ₉ H ₁₂	Pseudocumene	168.2	< 164.0	< 48	575
13643	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		575
13644	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
13645	C ₉ H ₁₆ O	2,6-Dimethyl-4-heptanone	168.0	167.5	40	552
13646	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	167.5	62	575
13647	C ₁₀ H ₁₄	Butylbenzene	183.1	< 168.0	> 70	575
13648	C ₁₀ H ₁₄	Cymene	176.7	< 166.5	< 68	575
13649	C ₁₀ H ₁₆	Camphene	159.6	155.5	25	567
13650	C ₁₀ H ₁₆	Dipentene	177.7	165.3	60	567
13651	C ₁₀ H ₁₆	α -Pinene	155.8	152.8	20	567
13652	C ₁₀ H ₁₆	α -Terpinene	173.4	163.7	52	567
13653	C ₁₀ H ₁₈ O	Cineole	176.35	167.2	70	576
13654	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	155.8	27	567
13655	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		575
13656	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	166.2	60	545

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₇H₁₄O	3-Methylcyclohexanol	172			
13657	C ₈ H ₁₀ O	Phenetole, 770 mm.	170.5	167.2	46.5	512
		13 mm.		60	24	512
		2 mm.		28.8	18.7	512
A =	C₇H₁₄O	5-Methyl-2-hexanone	144.2			
13658	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	Nonazeotrope		552
13659	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	141.8	18	552
13660	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		552
13661	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	143.3	35	552
13662	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		552
13663	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	143.0	42	552
13664	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	Nonazeotrope		552
13665	C ₈ H ₁₉ N	Diisobutylamine	138.5	136.3	30	575
13666	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		552
13667	C ₁₀ H ₁₆	α -Pinene	155.8	142.0	75	552
A =	C₇H₁₄O₂	Amyl Acetate	148.8			
13668	C ₇ H ₁₄ O ₂	Butyl propionate	146.8	Nonazeotrope		575
13669	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		575
13670	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		575
13671	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		546
13672	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	< 148.5	> 10	549
13673	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		557
13674	C ₁₀ H ₁₆	α -Pinene	155.8	< 148.0	75	546
A =	C₇H₁₄O₂	Butyl Propionate	146.8			
13675	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		575
13676	C ₇ H ₁₄ O ₂	Propyl butyrate	143.7	Nonazeotrope		575
13677	C ₈ H ₈	Styrene	146	145.5		546
13678	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		546
13679	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		557
13680	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
13681	C ₁₀ H ₁₆	α -Pinene	155.8	< 145.8	> 85	546
A =	C₈H₁₄O₂	Enanthic Acid	222.0			
13682	C ₈ H ₈ O	Acetophenone	202.0	Nonazeotrope		552
13683	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		575
13684	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	< 215.2	> 15	575
13685	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	216.4	22	562
13686	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	220.0	50	562
13687	C ₈ H ₁₄ O ₄	Ethyl succinate	217.25	216.0	20	562
13688	C ₈ H ₁₄ O ₄	Propyl oxalate	214	< 213.8	> 7	575
13689	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)-ethyl acetate	218.5	224.5	58	562
13690	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
13691	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	< 221.2	> 70	552
13692	C ₉ H ₁₀ O	Propiophenone	217.7	216.5	20	552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₉H₁₀O₂	Enanthic Acid (continued)	222.0			
13693	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		575
13694	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		575
13695	C ₉ H ₁₉ NO	<i>N,N</i> -Dimethylheptanamide		Max. b.p.		832
13696	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		575
13697	C ₁₀ H ₈	Naphthalene	218.0	214.2	30	562
13698	C ₁₀ H ₁₀ O ₂	Safrole	235.9	< 221.7	> 85	575
13699	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		575
13700	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
13701	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
13702	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	215.0	25	575
13703	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	< 215.3	< 30	575
13704	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		575
13705	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	211.0	27	562
13706	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		575
13707	C ₁₃ H ₂₈	Tridecane	234.0	< 219.2	> 55	562
A =	C₇H₁₄O₂	Ethyl Isovalerate	134.7			
13708	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75	Nonazeotrope		557
13709	C ₈ H ₈	Styrene	145.8	Nonazeotrope		575
13710	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		531
13711	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		527
13712	C ₈ H ₁₀	<i>p</i> -Xylene	138.45	Nonazeotrope		575
13713	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		557
13714	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		557
A =	C₇H₁₄O₂	Ethyl Valerate	145.45			
13715	C ₇ H ₁₄ O ₂	Isoamyl acetate	142.1	Nonazeotrope		575
13716	C ₈ H ₈	Styrene	145.8	< 145.0	> 48	575
13717	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		527
13718	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		575
13719	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		557
A =	C₇H₁₄O₂	Isoamyl Acetate	142.1			
13720	C ₇ H ₁₄ O ₂	Isobutyl propionate	137.5	Nonazeotrope		575
13721	C ₇ H ₁₄ O ₂	Propyl butyrate	142.8	Nonazeotrope		572
13722	C ₇ H ₁₆ O ₃	Ethyl orthoformate	145.75	Nonazeotrope		557
13723	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		572
13724	C ₈ H ₁₀	<i>m</i> -Xylene	139.0	Nonazeotrope		527
		"	139.0	136	50	563
13725	C ₈ H ₁₀	<i>o</i> -Xylene	143.6	Nonazeotrope		546
13726	C ₈ H ₁₀	<i>p</i> -Xylene	138.3	Nonazeotrope		546
13727	C ₈ H ₁₆	1,3-Dimethylcyclohexane	120.7	Nonazeotrope		575
13728	C ₈ H ₁₈ O	Butyl ether	142.2	< 141.2	< 55	557
13729	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
13730	C ₁₀ H ₁₆	Camphene	158	Nonazeotrope		546
13731	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
13732	C ₁₀ H ₁₆	α -Pinene	155.8	142.05	97.5	537

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	$C_7H_{14}O_2$	Isobutyl Propionate	136.9			
13733	C_8H_8	Styrene, 60 mm.	68	Nonazeotrope		53
13734	C_8H_{10}	Ethylbenzene	136.15	135.8	~ 30	573
		" 60 mm.	60.5	60	13	53
13735	C_8H_{10}	<i>m</i> -Xylene	139.0	Nonazeotrope		575
		"	139.0	134.5		563
13736	C_8H_{10}	<i>o</i> -Xylene	143.6	Nonazeotrope		546
13737	C_8H_{10}	<i>p</i> -Xylene	138.3	136.8	85	546
13738	$C_8H_{18}O$	Butyl ether	142.4	Nonazeotrope		557
A =	$C_7H_{14}O_2$	Isopropyl Isobutyrate	120.8			
13739	C_7H_{16}	Heptane	98.4	Nonazeotrope		575
A =	$C_7H_{14}O_2$	Methyl Caproate	149.6			
13740	C_8H_{10}	<i>m</i> -Xylene	139.0	Nonazeotrope		563
13741	C_8H_{10}	<i>o</i> -Xylene	144.3	Nonazeotrope		575
13742	$C_8H_{16}O_2$	Isobutyl isobutyrate	149.75	Nonazeotrope		575
13743	$C_8H_{16}O_2$	Propyl isovalerate	155.7	Nonazeotrope		575
13744	C_9H_{12}	Cumene	152.8	Nonazeotrope		575
13745	$C_9H_{18}O_2$	Methyl caprylate 20-100 mm.		Nonazeotrope	v-l	825
A =	$C_7H_{14}O_2$	Propyl Butyrate	143.7			
13746	C_8H_8	Styrene	146	Nonazeotrope		546
		"	145.8	<143.5	<68	575
13747	C_8H_{10}	<i>m</i> -Xylene	139.0	Nonazeotrope		527
		"	139.0	138.7		563
13748	C_8H_{10}	<i>o</i> -Xylene	143.6	143.2	55	546
13749	$C_8H_{18}O$	Butyl ether	142.4	<142.0	<45	557
13750	C_9H_{12}	Cumene	152.8	Nonazeotrope		575
13751	$C_{10}H_{16}$	α -Pinene	155.8	<143.4	<88	575
		"	155.8	Nonazeotrope		563
A =	$C_7H_{14}O_2$	Propyl Isobutyrate	134.0			
13752	$C_7H_{16}O_2$	Dipropoxymethane	137.2	Nonazeotrope		557
13753	C_8H_8	Styrene	146	Nonazeotrope		546
13754	C_8H_{10}	Ethylbenzene	136.15	Nonazeotrope		575
13755	C_8H_{10}	<i>m</i> -Xylene	139.0	Nonazeotrope		527
13756	C_8H_{10}	<i>p</i> -Xylene	138.2	Nonazeotrope		573
13757	$C_8H_{18}O$	Butyl ether	142.2	Nonazeotrope		557
13758	$C_{10}H_{16}$	α -Pinene	155.8	Nonazeotrope		546
A =	$C_7H_{14}O_3$	1,3-Butanediol Methyl Ether Acetate	171.75			
13759	$C_7H_{16}O$	Heptyl alcohol	176.15	Nonazeotrope		575
13760	$C_8H_{10}O$	<i>p</i> -Methylanisole	177.05	Nonazeotrope		575
13761	$C_8H_{10}O$	Phenetole	170.45	170.0	22	527
13762	$C_8H_{16}O$	2-Octanone	172.85	171.3	35	575
13763	$C_8H_{16}O_2$	Ethyl caproate	167.7	167.4	~ 10	575
13764	$C_8H_{16}O_2$	Hexyl acetate	171.5	170.7	49	562
13765	$C_8H_{16}O_2$	Isoamyl propionate	160.7	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₇H₁₄O₃	1,3-Butanediol Methyl Ether Acetate (continued)	171.75			
13766	C ₉ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		575
13767	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
13768	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
13769	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
13770	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
13771	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		575
13772	C ₈ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		575
13773	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		527
13774	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	170.35	47	569
13775	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		575
13776	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
13777	C ₁₀ H ₁₆	Camphene	159.6	<159.45	> 5	575
13778	C ₁₀ H ₁₆	Dipentene	177.7	169.6	78	562
13779	C ₁₀ H ₁₆	Nopinene	163.8	162.0	20	562
13780	C ₁₀ H ₁₆	α -Terpinene	173.4	168.9	65	562
13781	C ₁₀ H ₁₈ O	Cineole	176.35	170.9	64	527
13782	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		527
13783	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		575
13784	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	<170.0	>52	527
A =	C₇H₁₄O₃	Isobutyl Lactate	182.15			
13785	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	Nonazeotrope		575
13786	C ₈ H ₁₀ O	Phenetole	171.5	Nonazeotrope		563
13787	C ₈ H ₁₀ O	2,4-Xylenol	210.5	Nonazeotrope		575
13788	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
13789	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.5	177.3		563
13790	C ₈ H ₁₈ S	Butyl sulfide	185.0	<181.3	<78	566
13791	C ₉ H ₈	Indene	182.8	177	48	548
13792	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
13793	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	181.0	75?	575
13794	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	<178.5	>28	527
13795	C ₁₀ H ₁₄	Cymene	175.3	171.5	~ 35	563
13796	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		538
13797	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	172.5	40	563
13798	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
13799	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		575
13800	C ₁₀ H ₁₆	Terpinene	180.5	172.5	~ 46	563
13801	C ₁₀ H ₁₆	Terpinolene	185	175	55	563
13802	C ₁₀ H ₁₈ O	Cineole	176.35	174.0	32	556
13803	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575
13804	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	<172.0	>13	575
A =	C₇H₁₆	2,4-Dimethylpentane,				
13805	C ₇ H ₁₆	2,2,3-Trimethylbutane,				
		505 mm.	67.58	67.71	~ 50	122
		"				Nonazeotropic below 55° C. 122
		"				Nonazeotropic above 75° C. 122

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₁₆	Heptane	98			
13806	C ₈ F ₁₈ O	Perfluorobutyl ether	100	Min. b.p.		159
13807	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		163
		" 100-760 mm.		Nonazeotrope	v-1	675
13808	C ₈ H ₁₀	<i>p</i> -Xylene 90°C		Nonazeotrope	v-1	1022
13809	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	Nonazeotrope		163
A =	C₇H₁₆O	2-Heptanol, 10 mm.	65.4			
13810	C ₈ H ₉ Cl	<i>o,m,p</i> -Chloroethylbenzene, 10 mm.	67.5	61.4	43	51
A =	C₇H₁₆O	Heptyl Alcohol	176.15			
13811	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		575
13812	C ₈ H ₁₀ O	Benzyl methyl ether	167.8	167.0	20	575
13813	C ₈ H ₁₀ O	<i>p</i> -Methylanisole	177.05	173.3	52	567
13814	C ₈ H ₁₀ O	Phenetole	170.45	169.0	28	545
13815	C ₈ H ₁₁ N	Dimethylaniline	194.05	Nonazeotrope		551
13816	C ₈ H ₁₄ O	Methylheptenone	173.2	Nonazeotrope		552
13817	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		575
13818	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
13819	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
13820	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	175.5	82	551
13821	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	<171.0	> 8	575
13822	C ₁₀ H ₁₄	Cymene	176.0	172.5	47	567
13823	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
13824	C ₁₀ H ₁₆	Camphene	159.6	<159.3	>10	575
13825	C ₁₀ H ₁₆	Dipentene	177.7	171.7	50	567
13826	C ₁₀ H ₁₆	Nopinene	163.8	<162.6	>15	575
13827	C ₁₀ H ₁₆	α -Terpinene	173.4	169.7	40	567
13828	C ₁₀ H ₁₈ O	Cineole	176.35	173.0	48	556
13829	C ₁₀ H ₂₂ O	Isoamyl ether	173.35	170.35	37	564
A =	C₇H₁₆O₃	Dipropylene Glycol Methyl Ether				
13830	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		270
A =	C₇H₁₆O₃	Ethyl Orthoformate	145.75			
13831	C ₈ H ₈	Styrene	145.8	<145.0	<45	558
13832	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		527
13833	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		557
13834	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		558
13835	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		558
13836	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		558
13837	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		558
A =	C₇H₁₆O₄	2-[2-(2-Methoxyethoxy)-ethoxy] Ethanol	245.25			
13838	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		575
13839	C ₈ H ₈ O ₃	Methyl salicylate	222.95	222.0	8	575
13840	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	<244.0	>55	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₇H₁₆O₄	2-[2-(2-Methoxyethoxy)-ethoxy] Ethanol (<i>continued</i>)	245.25			
13841	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		575
13842	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		575
13843	C ₉ H ₇ N	Quinoline	237.3	235.55	22	553
13844	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		575
13845	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		575
13846	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	227.7	28	556
13847	C ₉ H ₁₂ O ₂	2-Benzoyloxyethanol	265.2	Nonazeotrope		575
13848	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.2	Nonazeotrope		575
13849	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		575
13850	C ₁₀ H ₈	Naphthlene	218.0	214.8	20	556
13851	C ₁₀ H ₈ O	1-Naphthol	288.5	Nonazeotrope		556
13852	C ₁₀ H ₉ N	Quinaldine	246.5	<243.0		575
13853	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	241.5	65	567
13854	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	242.3	70	567
13855	C ₁₀ H ₁₀ O ₂	Safrole	235.9	233.5	31	567
13856	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.2	Nonazeotrope		575
13857	C ₁₀ H ₁₂ O	Anethole	235.7	233.0	30	567
13858	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	226.0	32	567
13859	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	232.0	46	567
13860	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	229.4	44	556
13861	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	235.0	52	567
13862	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	231.2	40	567
13863	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		575
13864	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		575
13865	C ₁₂ H ₁₀	Acenaphthene	277.9	242.5	71	556
13866	C ₁₂ H ₁₀	Biphenyl	256.1	236.0	50	567
13867	C ₁₂ H ₁₀ O	Phenyl ether	259.0	243.0	80	567
13868	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	239.4	60	556
13869	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
13870	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	212.0	18	567
13871	C ₁₃ H ₁₂	Diphenylmethane	265.4	239.0	56	567
13872	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	243.8	80	575
A =	C₈F₁₆O	Perfluorocyclic Oxide	102.5			
13873	C ₈ H ₁₆	Ethylcyclohexane	131.78	96.3	80 vol. %	609
13874	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.24	87.5	60 vol. %	609
13875	C ₉ H ₂₀	2,3,4-Trimethylhexane	131.34	98.4	80 vol. %	609
A =	C₉H₅Cl₃	<i>ar</i>-Trichlorostyrene				
13876	C ₉ H ₂₀ O ₃	2-(2-Isoamlyoxyethoxy) ethanol, 6.7 mm.		101		155
A =	C₈H₇N	Indole	253.5			
13877	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.2	Nonazeotrope		575
13878	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		575
13879	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		575
13880	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	<251.8	>35	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₇N	Indole (continued)	253.5			
13881	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	Nonazeotrope		575
13882	C ₁₀ H ₁₄ O	Carvacrol	237.85	254.5	88	575
13883	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	<251.8	>55	575
13884	C ₁₁ H ₁₄ O ₂	1,2-Dimethyl-4-propenylbenzene	270.5	Nonazeotrope		575
13885	C ₁₁ H ₁₆ O	<i>p</i> -tert-Amylphenol	266.5	268.0	12	575
13886	C ₁₂ H ₁₀ O	Phenyl ether	259.0	Nonazeotrope		575
A =	C₈H₇N	α-Toluenitrile	232			
13887	C ₁₀ H ₁₈ O	Geraniol	229.5	~ 226		563
A =	C₈H₈	Styrene	145.8			
13888	C ₈ H ₁₀	Ethylbenzene	136.15	Nonazeotrope		561
		" 10-100 mm.		Nonazeotrope		v-l 143,294
		" 30°-120°C.		Nonazeotrope		v-l 432
13889	C ₈ H ₁₀	Xylene, 20 mm.	50	Nonazeotrope		981
13890	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		561
13891	C ₈ H ₁₀	<i>o</i> -Xylene	142.6	Nonazeotrope		563
13892	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	148.6	<145.5	>60	575
13893	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		575
13894	C ₉ H ₂₀	Nonane	149.5	144.0	75	561
A =	C₈H₈O	Acetophenone	202.0			
13895	C ₈ H ₈ O ₂	Benzyl formate	203.0	Nonazeotrope		552
13896	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		552
13897	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		552
13898	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	219.5	15	552
13899	C ₈ H ₁₀ O	2,4-Xylenol	210.5	213.0	30	575
13900	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		552
13901	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		552
13902	C ₈ H ₁₀ O ₂	Veratrol	205.5	Nonazeotrope		574
13903	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
13904	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		551
13905	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		551
13906	C ₈ H ₁₄ O ₄	Propyl oxalate	214.2	Nonazeotrope		552
13907	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	<201.7	48	552
13908	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)-ethyl acetate	218.5	Nonazeotrope		575
13909	C ₈ H ₁₈ O	Octyl alcohol	195.2	194.95	12.5	552
13910	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		552
13911	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		552
13912	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		552
13913	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
13914	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		575
13915	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		552
13916	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₈O	Acetophenone (continued)	202.0			
13917	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
13918	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		552
13919	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		552
13920	C ₁₀ H ₁₈ O	Linalool	198.6	198.0	14	552
13921	C ₁₀ H ₁₈ O	β-Terpineol	210.5	Nonazeotrope		552
13922	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		552
13923	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		552
13924	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		566
13925	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		575
13926	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		552
13927	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		575
A =	C₈H₈O₂	Anisaldehyde	249.5			
13928	C ₈ H ₉ BrO	<i>p</i> -Bromophenetole	234.2	Nonazeotrope		575
13929	C ₈ H ₁₀ O	Cinnamyl alcohol	257.0	<248.0		575
13930	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		575
13931	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	248.6	60	556
13932	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		548
13933	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		556
13934	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
13935	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		575
13936	C ₁₀ H ₂₀ O	Citronellol	224.5	Nonazeotrope		575
13937	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0	Nonazeotrope		556
13938	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	<248.8	~ 50	548
13939	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		575
13940	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		538
13941	C ₁₂ H ₁₀ O	Phenyl ether	259.3	Nonazeotrope		556
13942	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		548
A =	C₈H₈O₂	Benzyl Formate	203.0			
13943	C ₈ H ₈ O ₂	Methyl benzoate	199.4	Nonazeotrope		549
13944	C ₈ H ₈ O ₂	Phenyl acetate	195.7	Nonazeotrope		575
13945	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		575
13946	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		537
13947	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
		"	195.15	195.0	3	536
13948	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		537
13949	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9	Nonazeotrope		546
13950	C ₁₀ H ₁₆	γ-Terpinene	179.7	Nonazeotrope		546
13951	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		548
13952	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		535
13953	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		575
13954	C ₁₀ H ₁₈ O	Linalool	198.6	197.5		535
13955	C ₁₀ H ₁₈ O	α-Terpineol	217.8	Nonazeotrope		536
13956	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		535
13957	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₈O₂	Benzyl Formate	203.0			
		<i>(continued)</i>				
13958	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	Nonazeotrope		557
13959	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	Nonazeotrope		546
A =	C₈H₈O₂	Methyl Benzoate	199.4			
13960	C ₈ H ₁₀ O	2,4-Xylenol	210.5	Nonazeotrope		575
13961	C ₈ H ₁₀ O ₂	Veratrol	205.5	Nonazeotrope		557
13962	C ₈ H ₁₄ O ₄	Propyl oxalate	214	Nonazeotrope		575
13963	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	<198.8		575
		" "	202.4	Nonazeotrope		563
13964	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)-ethyl acetate	218.5	Nonazeotrope		575
13965	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	194.4	35	570
13966	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
13967	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		575
13968	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		557
13969	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		552
13970	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		575
13971	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
13972	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
13973	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		530
13974	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
13975	C ₁₀ H ₁₆	γ -Terpinene	179.7	Nonazeotrope		546
13976	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
13977	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	Nonazeotrope		575
13978	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		536
13979	C ₁₀ H ₁₈ O	Citronellal	~ 207.8	Nonazeotrope		529
13980	C ₁₀ H ₁₈ O	Linalool	198.7	197.8	~ 42	528
13981	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		575
13982	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		575
13983	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575
13984	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		549
13985	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	Nonazeotrope		557
13986	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8	Nonazeotrope		557
13987	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
A =	C₈H₈O	Phenyl Acetate	195.7			
13988	C ₈ H ₁₀ O	2,4-Xylenol	210.5	Nonazeotrope		575
13989	C ₈ H ₁₀ O ₂	Veratrole	205.5	Nonazeotrope		557
13990	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.15	192.4	53	572
13991	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
13992	C ₉ H ₁₂	Pseudocumene	168.2	Nonazeotrope		575
13993	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		557
13994	C ₉ H ₁₄ O	Phorone	198.2	Nonazeotrope		573
		"	197.8	<195.6	<90	552
13995	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		575
13996	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		537
13997	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		537
13998	C ₁₀ H ₁₆	Camphene	158	Nonazeotrope		546

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₈O	Phenyl Acetate	195.7			
		<i>(continued)</i>				
13999	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	177.5	7	538
14000	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
14001	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
14002	C ₁₀ H ₁₆	γ -Terpinene	181.5	180.3	15	538
14003	C ₁₀ H ₁₆	Thymene	179.7	179.3	18	530
14004	C ₁₀ H ₁₈ O	Borneol	213.2	Nonazeotrope		530
14005	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		557
14006	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		575
14007	C ₁₀ H ₁₈ O	Linalool	198.6	193.5	61	529
14008	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		575
14009	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575
14010	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		557
14011	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		557
14012	C ₁₁ H ₂₁ O ₂	Diisoamyloxymethane	210.8	Nonazeotrope		557
14013	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	Nonazeotrope		536
14014	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		557
14015	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		557
A =	C₉H₈O₂	α-Toluic Acid	266.5			
14016	C ₉ H ₈ O	Cinnamaldehyde	253.5	Nonazeotrope		541
14017	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.8	264.0	53.5	541
14018	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	255.9	30	541
14019	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		541
14020	C ₁₀ H ₈ O	1-Naphthol	288.5	Nonazeotrope		541
14021	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	251.5	11	541
14022	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	261.8	3	541
14023	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.7	Nonazeotrope		541
14024	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		556
14025	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		575
14026	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	<266.2	>58	575
14027	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	Nonazeotrope		575
14028	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	243.2	~ 12	541
14029	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	239.95	12	527
14030	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	271.5	Nonazeotrope		541
14031	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxy- benzene	255.0	Nonazeotrope		541
14032	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.8	Nonazeotrope		541
14033	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4- propenylbenzene	270.5	265.4	60	541
14034	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate	248.1	Nonazeotrope		575
14035	C ₁₂ H ₁₀	Acenaphthene	277.9	262.2	71	541
14036	C ₁₂ H ₁₀	Biphenyl	255.9	252.15	23.3	541
14037	C ₁₂ H ₁₀ O	Phenyl ether	259.3	255.05	27.8	556
14038	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	259.85	26	541
14039	C ₁₂ H ₁₈	1,3,5-Triethyl benzene	215.5	Nonazeotrope		575
14040	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	262.35	50	541
14041	C ₁₈ H ₁₀	Fluorene	295	265.8	90	575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₈O₂	<i>α</i>-Toluic Acid (continued)	266.5			
14042	C ₁₃ H ₁₂	Diphenylmethane	265.4	258.7	35	541
14043	C ₁₅ H ₁₂ O	Benzyl phenyl ether	286.5	<266.0	>90	575
14044	C ₁₄ H ₁₂	Stilbene	306.5	Nonazeotrope		575
14045	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	264.3	~ 90	541
A =	C₈H₈O₃	Methyl Salicylate	222.95			
14046	C ₈ H ₁₀ O	<i>p</i> -Ethylphenol	218.8	Nonazeotrope		575
14047	C ₈ H ₁₀ O	Phenethyl alcohol	219.4	218.0	43	529
14048	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		564
14049	C ₈ H ₁₀ O ₂	<i>m</i> -Dimethoxybenzene	214.7	Nonazeotrope		575
14050	C ₈ H ₁₀ O ₂	<i>o</i> -Ethoxyphenol	216.5	Nonazeotrope		575
14051	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	Nonazeotrope		575
14052	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		552
14053	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		575
14054	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	221.95	60	569
14055	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy)-ethanol	231.2	220.7	78	575
14056	C ₉ H ₇ N	Quinoline	237.3	Nonazeotrope		553
14057	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		552
14058	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		552
14059	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		545
14060	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		545
14061	C ₉ H ₁₀ O ₂	Methyl <i>α</i> -toluate	215.3	Nonazeotrope		575
14062	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		545
14063	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		528
14064	C ₁₀ H ₁₀ O ₂	Safrole	234.5	Nonazeotrope		556
14065	C ₁₀ H ₁₂ O ₂	Ethyl <i>α</i> -toluate	228.75	Nonazeotrope		529
14066	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		548
14067	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
14068	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		536
14069	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	Nonazeotrope		575
14070	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		552
14071	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		536
14072	C ₁₀ H ₁₈ O	Geraniol	229.7	222.2	97	536
14073	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575
14074	C ₁₀ H ₁₈ O	<i>α</i> -Terpineol	217.8	216.0	~ 37	528
14075	C ₁₀ H ₂₀ O	Citronellol	224.5	220.5		536
14076	C ₁₀ H ₂₀ O	Menthol	216.4	216.25	15	529
14077	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575
14078	C ₁₀ H ₂₂ O	Decyl alcohol	232.9	Nonazeotrope		536
14079	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		575
14080	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		270,575
14081	C ₁₁ H ₂₀ O	Methyl <i>α</i> -terpineol ether	216.2	Nonazeotrope		575
14082	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		548
14083	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		538
14084	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	222.3	107	530

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₈O₂	Methyl Salicylate	222.95			
		<i>(continued)</i>				
14085	C ₁₃ H ₂₈	Tridecane	234.0	Nonazeotrope		575
A =	C₈H₉BrO	<i>p</i>-Bromophenetole	234.2			
14086	C ₈ H ₁₀ O	3,4-Xylenol	226.8	226.0	12	575
14087	C ₉ H ₇ N	Isoquinoline	240.8	Nonazeotrope		575
14088	C ₉ H ₈ O	Cinnamaldehyde	253.7	Nonazeotrope		575
14089	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.25	Nonazeotrope		575
14090	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
14091	C ₁₀ H ₁₀ O ₂	Safrole	235.9	233.5	78	575
14092	C ₁₀ H ₁₂ O	Anethole	235.7	233.0	70	562
14093	C ₁₀ H ₁₄ N ₂	Nicotine	247.5	Nonazeotrope		575
14094	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		575
14095	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		575
A =	C₈H₈N	2-Methyl-5-Vinylpyridine				
14096	C ₈ H ₁₁ N	2-Methyl-5-ethylpyridine 20 mm.		Nonazeotrope	v-l	298
A	C₈H₁₀	Ethylbenzene	136.15			
14097	C ₈ H ₁₀	<i>m</i> -Xylene	139.2	Nonazeotrope		561
14098	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	Nonazeotrope		563
14099	C ₈ H ₁₆	Ethylcyclohexane 400 mm.	131.8	131.2	15	578
				Nonazeotrope	v-l	771
14100	C ₈ H ₁₆	1-Octene	121.6	Nonazeotrope	v-l	1009
14101	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		163
		"	125.75	<125.6	<12	561
14102	C ₈ H ₁₈ O	Butyl ether	142.2	Nonazeotrope		563
14103	C ₈ H ₁₈ O	Isobutyl ether	122.3	Nonazeotrope		558
14104	C ₈ H ₁₉ N	Diisobutylamine	138.5	<135.5	<62	575
14105	C ₉ H ₁₂	Cumene	152.4	Nonazeotrope		981
14106	C ₉ H ₂₀	Nonane	150.7	Nonazeotrope		1061
14107	C ₉ H ₂₀	2,2,5-Trimethylhexane	120.1	Nonazeotrope	v-l	1009
A =	C₈H₁₀	<i>m</i>-Xylene	139.2			
14108	C ₈ H ₁₀	<i>o</i> -Xylene	144.3	Nonazeotrope		575
14109	C ₈ H ₁₀	<i>p</i> -Xylene	138.2	Nonazeotrope		563
14110	C ₈ H ₁₆ O ₂	Isobutyl isobutyrate	147.3	Nonazeotrope		527
14111	C ₈ H ₁₈ O	Butyl ether	142.2	Nonazeotrope		548
14112	C ₈ H ₁₈ O	2-Ethyl-1-hexanol	184.8	Nonazeotrope		981
14113	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
14114	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	179.0	Nonazeotrope		537
14115	C ₈ H ₁₉ N	Diisobutylamine	138.5	<137.5	<49	551
14116	C ₉ H ₁₈ O	2-Ethylheptanal		139.0	96.1	163
A =	C₈H₁₀	<i>o</i>-Xylene	143.6			
14117	C ₈ H ₁₈ O	Butyl ether	142.4	<142.0	<22	558
14118	C ₉ H ₂₀	Nonane	150.7	144.25	81	1070

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C_8H_{10}	<i>p</i> -Xylene	138.4			
14119	C_8H_{18}	Octane	125.75	Nonazeotrope		163
14120	C_9H_{20}	<i>n</i> -Nonane	150.8	Nonazeotrope		307
A =	$C_8H_{10}O$	Benzyl Methyl Ether	167.8			
14121	$C_8H_{14}O$	Methylheptenone	173.2	Nonazeotrope		575
14122	$C_8H_{16}O$	2-Octanone	172.85	Nonazeotrope		575
14123	$C_8H_{16}O_2$	Butyl butyrate	166.4	166.0	30	557
14124	$C_8H_{16}O_2$	Isoamyl propionate	160.7	Nonazeotrope		557
14125	$C_8H_{18}O$	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
14126	$C_8H_{20}SiO_4$	Ethyl silicate	168.8	<165.5		557
14127	C_9H_{12}	Mesitylene	164.6	<163.5	>15	558
14128	$C_9H_{16}O_2$	Isoamyl butyrate	181.05	Nonazeotrope		557
14129	$C_9H_{18}O_2$	Isobutyl isovalerate	171.2	Nonazeotrope		557
14130	$C_{10}H_{16}$	Camphene	159.6	158.0	<30	558
14131	$C_{10}H_{16}$	Nopinene	163.8	161.2	35	558
14132	$C_{10}H_{16}$	α -Terpinene	173.4	166.4	65	558
A =	$C_8H_{10}O$	<i>o</i> -Ethylphenol	216.5			
14133	$C_{10}H_{18}O$	Citronellal	208.0	Nonazeotrope		575
A =	$C_8H_{10}O$	<i>p</i> -Ethylphenol	218.8			
14134	$C_8H_{10}O$	Phenethyl alcohol	219.4	>220.5	>55	575
14135	$C_8H_{10}O$	2,4-Xylenol	210.5	Nonazeotrope		575
14136	$C_8H_{10}O_2$	Veratrole	206.8	Nonazeotrope		575
14137	$C_8H_{10}O_2$	2-Phenoxyethanol	245.2	Nonazeotrope		575
14138	$C_8H_{11}N$	Ethylaniline	205.5	Nonazeotrope		215
14139	$C_8H_{11}NO$	<i>o</i> -Phenetidine	232.5	Nonazeotrope		551
14140	$C_8H_{12}O_4$	Ethyl fumarate	217.85	223.0	48	562
14141	$C_8H_{12}O_4$	Ethyl maleate	223.3	226.3	38	575
14142	$C_8H_{18}O$	Octyl alcohol	195.2	Nonazeotrope		575
14143	C_9H_8N	Quinoline	237.3	<239.5	>11	575
14144	$C_9H_{10}O$	<i>p</i> -Methylacetophenone	226.35	229.5	30	552
14145	$C_9H_{10}O$	Propiophenone	217.7	224.5		552
14146	$C_9H_{10}O_2$	Benzyl acetate	215.0	221.0	60	562
14147	$C_9H_{10}O_2$	Ethyl benzoate	212.5	219.8	80	575
14148	$C_9H_{13}N$	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		551
14149	$C_{10}H_8$	Naphthalene	218.0	215.0	45	562
14150	$C_{10}H_{12}O_2$	Propyl benzoate	230.85	Nonazeotrope		575
14151	$C_{10}H_{15}N$	Diethylaniline	217.05	214.0	60	551
14152	$C_{10}H_{18}O$	Citronellal	208.0	Nonazeotrope		575
14153	$C_{10}H_{18}O$	α -Terpineol	218.85	<219.7	>58	575
14154	$C_{10}H_{22}O$	Decyl alcohol	232.8	Nonazeotrope		575
14155	$C_{10}H_{22}S$	Isoamyl sulfide	214.8	<213.5	>23	566
14156	$C_{11}H_{16}O$	Methyl thymyl ether	216.5	<216.3	>20	575
14157	$C_{11}H_{20}O$	Methyl α -terpineol ether	216.2	<215.9	>14	575
14158	$C_{11}H_{22}O_3$	Isoamyl carbonate	232.2	Nonazeotrope		575
14159	$C_{12}H_{16}O_2$	Isoamyl benzoate	262.9	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₀O	<i>p</i> -Ethylphenol (<i>continued</i>)	218.8			
14160	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	212.0	40	562
A =	C₈H₁₀O	<i>p</i> -Methylanisole	177.05			
14161	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
14162	C ₈ H ₁₆ O	2-Octanone	172.85	Nonazeotrope		575
14163	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		557
14164	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		557
14165	C ₈ H ₁₈ O	Octyl alcohol	195.15	Nonazeotrope		576
14166	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	176.3	79	576
14167	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		575
14168	C ₉ H ₈	Indene	183.0	Nonazeotrope		541
14169	C ₉ H ₁₂	Pseudocumene	~ 168.2	Nonazeotrope		541
14170	C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine	185.35	Nonazeotrope		551
14171	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	176.4	58	557
14172	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		557
14173	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		557
14174	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		557
14175	C ₁₀ H ₁₄	Butylbenzene	183.2	Nonazeotrope		548
14176	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope?		548
14177	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		558
14178	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		558
14179	C ₁₀ H ₁₈ O	Cineole	176.35	175.35	35	527
14180	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		557
14181	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	172.5	29.5	549
14182	C ₁₀ H ₂₃ N	Diisoamylamine	188.2	Nonazeotrope		551
A =	C₈H₁₀O	Phenethyl Alcohol	219.4			
14183	C ₈ H ₁₀ O	3,4-Xylenol	226.8	Nonazeotrope		575
14184	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	Nonazeotrope		575
14185	C ₈ H ₁₁ N	Dimethylaniline	194.05	Nonazeotrope		551
14186	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		545
14187	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		551
14188	C ₈ H ₁₁ N	3,4-Xylidine	225.5	Nonazeotrope		551
14189	C ₈ H ₁₁ NO	<i>o</i> -Phenetidine	232.5	Nonazeotrope		551
14190	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	Nonazeotrope		575
14191	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		575
14192	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	Nonazeotrope		575
14193	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy)-ethanol	231.2	<219.0	<92	575
14194	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		552
14195	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		552
14196	C ₉ H ₁₀ O ₂	Benzyl acetate	214.9	Nonazeotrope		529
14197	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		535
14198	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.7	Nonazeotrope		536
14199	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	208.5	30	551
14200	C ₁₀ H ₈	Naphthalene	218.05	214.2	44	528
14201	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₀O	Phenethyl Alcohol	219.4			
		<i>(continued)</i>				
14202	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		575
14203	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		535
14204	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		575
14205	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
14206	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
14207	C ₁₀ H ₁₄ O	Thymol	232.8	Nonazeotrope		530
14208	C ₁₀ H ₁₃ N	Diethylaniline	217.05	213.95	40	551
14209	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		552
14210	C ₁₀ H ₁₈ O	Borneol	213.4	213.0	20	545
14211	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		575
14212	C ₁₀ H ₁₈ O	α -Terpineol	218.85	217.85	33	549
14213	C ₁₀ H ₂₀ O	Menthol	216.3	215.05	30	549
14214	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		537
14215	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	~ 215.0		575
14216	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		551
14217	C ₁₁ H ₂₀ O	α -Terpineol methyl ether	216.2	215.5		545
14218	C ₁₂ H ₁₀	Biphenyl	254.9	Nonazeotrope		537
14219	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	212.5		537
14220	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		535
A =	C₈H₁₀O	Phenetole	170.45			
14221	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
14222	C ₈ H ₁₄ O	Methylheptenone	173.2	170.1	90?	552
14223	C ₈ H ₁₆ O	2-Octanone	172.85	170.0	92	552
14224	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		557
14225	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	169.9	<75	557
14226	C ₉ H ₁₆ O ₂	Isoamyl propionate	160.3	Nonazeotrope		557
14227	C ₈ H ₁₈ O	sec-Octyl alcohol	179.0	Nonazeotrope		556
14228	C ₉ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		556
14229	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	<166.0		557
14230	C ₉ H ₈	Indene	182.8	Nonazeotrope		548
14231	C ₉ H ₁₂	Cumene	168.2	168.15	<10	558
14232	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		530
14233	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		558
14234	C ₉ H ₁₂	Pseudocumene	168.2	168.15	<10	548
14235	C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine	185.35	Nonazeotrope		551
14236	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		557
14237	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	Nonazeotrope		557
14238	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	169.2	40?	557
14239	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.4	170.1	65	557
14240	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		557
14241	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		548
14242	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		548
14243	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		558
14244	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	170.35	97?	548
14245	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		558
14246	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		548

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₀O	Phenetole (continued)	170.45			
14247	C ₁₆ H ₁₈	α-Terpinene	173.4	170.0	86	558
14248	C ₁₀ H ₁₆	γ-Terpinene	179.9		Nonazeotrope	548
14249	C ₁₀ H ₁₈ O	Cineole	176.35		Nonazeotrope	545
14250	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	557
14251	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	169.2	65	549
14252	C ₁₀ H ₂₃ N	Diisoamylamine	188.2		Nonazeotrope	551
A =	C₈H₁₀O	2,4-Xylenol	210.5			
14253	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	219.65	32	575
14254	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	223.7		575
14255	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4	>212.2	<30	575
14256	C ₉ H ₇ N	Quinoline	237.3	239.0	8	575
		" 200 mm.	182.5	184.2	26.3	v-l 440
		" 150 mm.		175	27.1	440
14257	C ₉ H ₁₀ O	p-Methylacetophenone	226.35	227.0	85	575
14258	C ₉ H ₁₀ O	Propiophenone	217.7	221.0	65	575
14259	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	216.8	36	575
14260	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	>214.5	>32	575
14261	C ₁₀ H ₁₆ O	Camphor	209.1	217.0	50	575
14262	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	575
14263	C ₁₆ H ₂₂ S	Isoamyl sulfide	214.8	<209.5	<88	575
14264	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope	575
A =	C₈H₁₀O	3,4-Xylenol	226.8			
14265	C ₈ H ₁₀ O ₂	o-Ethoxyphenol	216.5		Nonazeotrope	575
14266	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2		Nonazeotrope	575
14267	C ₈ H ₁₁ N	2,4-Xylidine	214.0		Nonazeotrope	551
14268	C ₈ H ₁₁ N	Ethylaniline	205.5		Nonazeotrope	551
14269	C ₈ H ₁₁ NO	o-Phenetidine	232.5	232.65	8	551
14270	C ₈ H ₁₁ NO	p-Phenetidine	249.9		Nonazeotrope	551
14271	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	228.2	65	4,526
14272	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	230.0	55	527
14273	C ₈ H ₁₆ O ₂	Caprylic acid	238.5		Nonazeotrope	575
14274	C ₈ H ₁₆ O ₃	Isoamyl lactate	202.4		Nonazeotrope	575
14275	C ₈ H ₁₈ O	Octyl alcohol	195.2		Nonazeotrope	575
14276	C ₉ H ₇ N	Quinoline	237.3	241.95	35	568
		" 200 mm.	182.5	191.5	42.8	v-l 440
		" 116 mm.		175	44.1	440
14277	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0		Nonazeotrope	575
14278	C ₉ H ₁₀ O	p-Methylacetophenone	226.35	231.35	51	568
14279	C ₉ H ₁₀ O	Propiophenone	217.7	228.5	67	552
14280	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0		Nonazeotrope	575
14281	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5		Nonazeotrope	575
14282	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8		Nonazeotrope	575
14283	C ₉ H ₁₂ O	Mesitol	220.5		Nonazeotrope	575
14284	C ₉ H ₁₂ O	3-Phenylpropanol	235.6		Nonazeotrope	575
14285	C ₉ H ₁₃ N	N,N-Dimethyl-p-toluidine	210.2		Nonazeotrope	551

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.	
A = C₈H₁₀O	3,4-Xylenol (continued)		226.8				
14286	C ₁₀ H ₈	Naphthalene	218.0	217.6	16	564	
14287	C ₁₀ H ₉ N	Quinaldine	246.5	>248.0	20	575	
14288	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75	230.8	42	562	
14289	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	231.9	33	575	
14290	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		549	
14291	C ₁₀ H ₁₃ N	Diethylaniline	217.05	217.0	8	551	
14292	C ₁₀ H ₁₆ O	Camphor	209.1	227.55	73	568	
14293	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		575	
14294	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		575	
14295	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575	
14296	C ₁₀ H ₁₈ O	α-Terpineol	218.85	Nonazeotrope		575	
14297	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		575	
14298	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575	
14299	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		566	
14300	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		575	
14301	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		575	
14302	C ₁₁ H ₂₀ O	Methyl α-terpineol ether	216.2	Nonazeotrope		575	
14303	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		575	
14304	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575	
14305	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	>229.8	>37	575	
14306	C ₁₃ H ₂₈	Tridecane	234.0	223.5	58	562	
A = C₈H₁₀O	3,5-Xylenol		175.7/200				
14307	C ₉ H ₇ N	Quinoline	200 mm.	182.5	186.35	33.7	v-l 440
		"	130 mm.		175	33.7	440
A = C₈H₁₀O₂	m-Dimethoxybenzene		214.7				
14308	C ₈ H ₁₁ N	2,4-Xylidine	214.0	<211.8	<56	575	
14309	C ₈ H ₁₁ N	3,4-Xylidine	225.5	Nonazeotrope		575	
14310	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	211.2		557	
14311	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	<212.5	>82	575	
14312	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	<214.0	<60	575	
14313	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	<212.35		557	
14314	C ₁₀ H ₁₈ O	Borneol	213.4	213.0		576	
14315	C ₁₀ H ₁₈ O	α-Terpineol	218.85	<214.0	>70	575	
		"		218.0	Nonazeotrope	576	
14316	C ₁₀ H ₂₀ O	Menthol	216.4	214.2		576	
14317	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	<213.5	>44	575	
14318	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.2	Nonazeotrope		537	
14319	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		557	
A = C₈H₁₀O₂	m-Ethoxyphenol		243.8				
14320	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope		575	
A = C₈H₁₀O₂	o-Ethoxyphenol		216.5				
14321	C ₈ H ₁₀ O ₂	2-Phenoxyethanol	245.2	Nonazeotrope		575	
14322	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551	
14323	C ₈ H ₁₁ N	Ethylaniline	205.5	Nonazeotrope		551	
14324	C ₈ H ₁₁ N	2,4-Xylidine	214.0	Nonazeotrope		551	

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₀O₂	<i>o</i>-Ethoxyphenol (continued)	216.5			
14325	C ₈ H ₁₂ O ₄	Ethyl maleate	223.3	Nonazeotrope		575
14326	C ₈ H ₁₄ O ₄	Ethyl succinate	216.5	Azeotropic		563
14327	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy)ethanol	231.2	Nonazeotrope		575
14328	C ₉ H ₁₀ O	Propiophenone	217.7	218.3		552
14329	C ₉ H ₁₀ O ₂	Benzyl acetate	~214.9	218		535
14330	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		548
14331	C ₉ H ₁₂ O	Mesitol	220.5	Nonazeotrope		575
14332	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		551
14333	C ₁₀ H ₈	Naphthalene	218.0	<215.5 >72		575
14334	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		542
14335	C ₁₀ H ₁₅ N	Diethylaniline	217.05	<216.2 >57		551
14336	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		575
14337	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		552
14338	C ₁₀ H ₁₈ O	Borneol	211.8	Nonazeotrope		563
14339	C ₁₀ H ₂₀ O	Menthol	216.3	<216.0		575
14340	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575
14341	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	<214.2		566
14342	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	<214.5 >30		575
14343	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		535
A =	C₈H₁₀O₂	2-Phenoxyethanol	245.2			
14344	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		575
14345	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		575
14346	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		575
14347	C ₁₀ H ₉ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		575
14348	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
14349	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	<244.5 >68		575
14350	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		575
14351	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	<243.0 >43		575
14352	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	239.5 30		575
14353	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		575
14354	C ₁₂ H ₁₀ O	Phenyl ether	259.0	Nonazeotrope		575
14355	C ₁₈ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		575
A =	C₈H₁₀O₂	Veratrole	206.8			
14356	C ₈ H ₁₁ N	Dimethylaniline	194.15	Nonazeotrope		551
14357	C ₈ H ₁₁ N	Ethylaniline	205.5	<203.0		575
14358	C ₈ H ₁₂ O ₄	Ethyl fumarate	217.85	<205.9 >69		557
14359	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		557
14360	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		557
14361	C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine	185.35	Nonazeotrope		551
14362	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		573
14363	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
14364	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		573
14365	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		557
14366	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		537

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₈H₁₁N	Dimethylaniline	194.05			
14367	C ₈ H ₁₈ O	Octyl alcohol	195.2	191.75	49.5	551
14368	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		551
		"	180.4	180.0		545
14369	C ₉ H ₈	Indene	182.6	Nonazeotrope		551
14370	C ₉ H ₁₀ O	Prophiofenone	217.7	Nonazeotrope		551
14371	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		551
14372	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		551
14373	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		575
14374	C ₁₀ H ₈	Napthalene	218.0	Nonazeotrope		551
14375	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		551
14376	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		551
14377	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		551
14378	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		545
		"	177.8	174	27	563
14379	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		551
14380	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		551
14381	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		551
14382	C ₁₀ H ₁₆	Terpinolene	185	~ 179	~ 35	563
14383	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		532
14384	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		551
14385	C ₁₀ H ₁₆ O	Fenchone	193	191	~ 35	563
14386	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		551
14387	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		551
14388	C ₁₀ H ₁₈ O	Linalool	198.6	193.9	85	551
14389	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		551
14390	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		551
14391	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		551
14392	C ₁₀ H ₂₂ O	Amyl ether	187.5	<187.0	<27	551
14393	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		551
14394	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		551
A =	C₈H₁₁N	Ethylaniline	205.5			
14395	C ₈ H ₁₈ O	<i>n</i> -Octyl alcohol	195.2	194.9	15	551
14396	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		551
14397	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		551
14398	C ₉ H ₁₂ O	Phenyl propyl ether	190.5	Nonazeotrope		575
14399	C ₁₀ H ₈	Napthalene	218.0	Nonazeotrope		551
		"	218.1	205	~ 10	563
14400	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		551
14401	C ₁₀ H ₁₆	Terpinolene	184.6	Nonazeotrope		551
14402	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		551
14403	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		551
14404	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		575
14405	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		551
14406	C ₁₀ H ₁₈ O	Menthone	207	<205	~ 60	563
		"	209.5	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₁N	Ethylaniline (continued)	205.5			
14407	C ₁₀ H ₁₈ O	α-Terpeneol	218.85	Nonazeotrope		551
14408	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		551
14409	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		551
14410	C ₁₀ H ₂₂ O	n-Decyl alcohol	232.8	Nonazeotrope		551
14411	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		575
14412	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		551
14413	C ₁₁ H ₂₀ O	Methyl α-terpineol ether	216.3	Nonazeotrope		563
14414	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	207.3	204	58	563
14415	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	<203.0	<48	551
A =	C₈H₁₁N	s-Collidine	170.0			
14416	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.3	Nonazeotrope		575
14417	C ₁₀ H ₈	Napthalene	217.9	Nonazeotrope		506
A =	C₈H₁₁N	2,4-Xylidine	214.0			
14418	C ₈ H ₁₈ O	n-Octyl alcohol	195.2	Nonazeotrope		551
14419	C ₉ H ₁₀ O	Propiophenone	217.7	Nonazeotrope		551
14420	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		551
14421	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		551
14422	C ₁₀ H ₂₀ O	Menthol	216.3	213.5	70	551
14423	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	<212.5		575
14424	C ₁₁ H ₂₄	Undecane	195.5	194.98	12	506
14425	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	<212.5	>51	551
14426	C ₁₂ H ₂₂ O	Ethyl bornyl ether	204.9	Nonazeotrope		575
14427	C ₁₂ H ₂₆	Dodecane	216.5	209.80	37.0	506
14428	C ₁₃ H ₂₈	Tridecane	234.6	215.28	71.0	506
14429	C ₁₄ H ₃₀	Tetradecane	252	217.38	97.5	506
A =	C₈H₁₁N	3,4-Xylidine	225.5			
14430	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		551
14431	C ₁₀ H ₈	Napthalene	218.0	Nonazeotrope		551
14432	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
14433	C ₁₀ H ₂₀ O	Citronellol	224.4	223.5	40	551
14434	C ₁₁ H ₁₀	2-Methylnapthalene	241.15	Nonazeotrope		527,551
14435	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		575
A =	C₈H₁₁NO	o-Phenetidine	232.5			
14436	C ₈ H ₁₈ O ₃	2-(2-Butoxyethoxy) ethanol	231.2	226.0	52	575
14437	C ₉ H ₁₀ O	p-Methylacetophenone	226.35	Nonazeotrope		551
14438	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	232.2	82	551
14439	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		551
14440	C ₁₀ H ₈	Napthalene	218.0	Nonazeotrope		551
14441	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		551
14442	C ₁₀ H ₁₀ O ₂	Safrole	235.9	232.38	86	551
14443	C ₁₀ H ₁₂ O	Anethole	235.7	232.25	75	551
14444	C ₁₀ H ₁₄ O	Carvacrol	237.85	238.0	13	551
14445	C ₁₀ H ₁₄ O	Carvone	231.0	>232.8	<74	551
14446	C ₁₀ H ₁₄ O	Thymol	232.9	234.3	45.1	551
14447	C ₁₀ H ₁₆ O	Carvenone	234.5	235.0	30	551

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₁NO	<i>o</i>-Phenetidine (continued)	232.5			
14448	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		551
14449	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		551
14450	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		551
14451	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8	232.0	>52	551
14452	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		551
		"	244.6	Nonazeotrope		548
14453	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527,551
14454	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		551
A =	C₈H₁₁NO	<i>p</i>-Phenetidine	249.9			
14455	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		551
14456	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		551
14457	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		551
14458	C ₉ H ₁₂ O ₂	Benzyloxyethanol	265.2	Nonazeotrope		575
14459	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	249.7	90	551
14460	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	248.8	64	551
14461	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		551
14462	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		551
14463	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		551
14464	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		551
14465	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		551
14466	C ₁₀ H ₁₆ O	Carvenone	234.5	Nonazeotrope		551
14467	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	243.95	27	551
14468	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	240.85	15	527
14469	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	249.4	75	551
14470	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		551
14471	C ₁₂ H ₁₀	Biphenyl	256.1	249.5	90	551
14472	C ₁₂ H ₁₀ O	Phenyl ether	259.0	249.75	85	551
14473	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		551
14474	C ₁₃ H ₁₂	Diphenylmethane	266.4	Nonazeotrope		551
A =	C₈H₁₂O₄	Ethyl Fumarate	217.85			
14475	C ₈ H ₁₄ O ₄	Propyl oxalate	214	Nonazeotrope		575
14476	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	Nonazeotrope		575
14477	C ₈ H ₁₆ O ₄	2-(2-Ethoxyethoxy)ethyl acetate	218.5	217.0	62	562
14478	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		552
14479	C ₉ H ₁₀ O	Propiophenone	217.7	216.8	53	552
14480	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		549
14481	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		575
14482	C ₁₀ H ₈	Naphthalene	218.0	216.7	58	527
14483	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		557
14484	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		557
14485	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		575
14486	C ₁₀ H ₁₄ O	Thymol	232.9	233.35	12.5	562

No.	B-Component		Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₂O₄	Ethyl Fumarate (continued)	217.85			
14487	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0	Nonazeotrope		557
14488	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
14489	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		552
14490	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		526
14491	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		575
14492	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		575
14493	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		575
14494	C ₁₀ H ₂₀ O	Menthol	216.3	216.0	30	526
14495	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		549
14496	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
14497	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	<212.8		557
14498	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	209.5	43	557
14499	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	Nonazeotrope		575
14500	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	<215.0	<43	575
14501	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		549
A =	C₈H₁₂O₄	Ethyl Maleate	223.3			
14502	C ₈ H ₁₄ O ₄	Propyl oxalate	214	Nonazeotrope		575
14503	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	Nonazeotrope		575
14504	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	223.15	88	552
14505	C ₉ H ₁₀ O	Priopiophenone	217.7	Nonazeotrope		559
14506	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		545
14507	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		572
14508	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		580
14509	C ₁₀ H ₈	Naphthalene	218.0	217.65	23	525
14510	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		556
14511	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		557
14512	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		575
14513	C ₁₀ H ₁₄ O	Carvacrol	237.85	238.7	12	575
14514	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
14515	C ₁₀ H ₁₄ O	Thymol	232.9	234.9	27	562
14516	C ₁₀ H ₁₆ O	Pulegone	223.8	221.8	53	552
14517	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		575
14518	C ₁₀ H ₁₈ O	α -Terpineol	218.85	218.3	20	526
14519	C ₁₀ H ₂₀ O	Citronellol	224.4	<222.3	<50	575
14520	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	Nonazeotrope		575
14521	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
14522	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	<215.9	<12	575
14523	C ₁₁ H ₂₀ O	Methyl terpineol ether	216.2	<214.8	<18	575
14524	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		575
14525	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
A	C₈H₁₄O	Methylheptenone	173.2			
14526	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		552
14527	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		552
14528	C ₉ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		566
14529	C ₉ H ₈	Indene	182.6	Nonazeotrope		552
14530	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₈H₁₄O	Methylheptenone	(continued) 173.2			
14531	C ₈ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
14532	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		552
14533	C ₈ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		552
14534	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		552
14535	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		552
14536	C ₁₀ H ₁₄	Cymene	176.7	172.7	72	552
14537	C ₁₀ H ₁₆	Camphene	159.6	157.5	12	552
		"	159.6	Nonazeotrope		545
14538	C ₁₀ H ₁₆	Dipentene	177.7	170.9	52.5	552
14539	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	170.9	52.5	529
14540	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		573
14541	C ₁₀ H ₁₆	α -Terpinene	173.4	170.0	42	552
14542	C ₁₀ H ₁₈ O	Cineole	176.35	171.9	52	552
14543	C ₁₀ H ₂₂	Decane	173.3	169.0	42	552
14544	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	~ 171.5		574
A =	C₈H₁₄O₃	Bis(2-Vinyloxyethyl) Ether	196.5/10 mm.			
14545	C ₈ H ₁₈ O ₃	Bis(2-ethoxyethyl) ether	10 mm.	Nonazeotrope	v-l	199
A =	C₈H₁₄O₄	Ethyl Succinate	217.25			
14546	C ₈ H ₁₆ O ₂	Caprylic acid	238.5	Nonazeotrope		575
14547	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
14548	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		552
14549	C ₉ H ₁₀ O	Propiophenone	217.7	216.7	67	552
14550	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.4	Nonazeotrope		529
14551	C ₁₀ H ₈	Naphthalene	218.05	216.3	61.5	529
14552	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		557
14553	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		549
14554	C ₁₀ H ₁₄ O	Thymol	232.9	>233.0		575
14555	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	Nonazeotrope		538
14556	C ₁₀ H ₁₆	γ -Terpinene	179.9	Nonazeotrope		546
14557	C ₁₀ H ₁₆	Thymene	179.7	Nonazeotrope		538
14558	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
14559	C ₁₀ H ₁₆ O	Pulegone	~223.8	Nonazeotrope		552
14560	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		535
14561	C ₁₀ H ₁₈ O	Geraniol	229.7	Reacts		535
14562	C ₁₀ H ₂₀ O	Menthol	216.4	215		535
14563	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	212.5		549
14564	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1	Nonazeotrope		546
14565	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
14566	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	<213.5	>38	575
14567	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	<212	18	557
14568	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	Nonazeotrope		549
14569	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8	<210.4		557
14570	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	<214.0	<46	562
14571	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		549

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
	A = C₈H₁₄O₄	Propyl Oxalate	214			
14572	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	<212.5		549
14573	C ₁₀ H ₈	Naphthalene	218.1	Nonazeotrope		546
14574	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		575
14575	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9	Nonazeotrope		546
14576	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		546
14577	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5	205.5	25	575
14578	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	<210	>70	546
	A = C₈H₁₅N	Caprylonitrile	205.2			
14579	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
	A = C₈H₁₆	1,3-Dimethylcyclohexane	120.7			
14580	C ₈ H ₁₈	Octane	125.75	Nonazeotrope		561
14581	C ₈ H ₁₆ O	Isobutyl ether	122.3	120.0	72	558
	A = C₈H₁₆	Ethylcyclohexane				
14582	C ₈ H ₁₈	Octane 50-760 mm.		Nonazeotrope	v-1	761
	A = C₈H₁₆O	2-Octanone	172.85			
14583	C ₈ H ₁₆ O ₂	Butyl butyrate	166.4	Nonazeotrope		552
14584	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		552
14585	C ₈ H ₁₆ O ₂	Hexyl acetate	171.5	171.4?		552
14586	C ₁₁ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		552
14587	C ₈ H ₁₈ S	Butyl sulfide	185.0	Nonazeotrope		575
14588	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	169.8	50	566
14589	C ₉ H ₈	Indene	182.6	Nonazeotrope		575
14592	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		552
14593	C ₉ H ₁₈ O ₂	Propylbenzene	159.3	Nonazeotrope		552
14590	C ₉ H ₁₂	Pseudocumene	168.2	168.0		552
14591	C ₉ H ₁₂	Isoamyl butyrate	181.05	Nonazeotrope		552
14594	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		552
14595	C ₁₀ H ₁₄	Butylbenzene	183.2	Nonazeotrope		548
14596	C ₁₀ H ₁₄	Cymene	176.7	172.5	75	552
		"	175.3	Nonazeotrope		563
14597	C ₁₀ H ₁₆	Camphene	159.6	158.0	13	552
14598	C ₁₀ H ₁₆	Dipentene	177.7	170.0	55	552
14599	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	170	~ 57	573
14600	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		552
14601	C ₁₀ H ₁₆	α -Terpinene	173.4	169.0	42	552
14602	C ₁₀ H ₁₆	γ -Terpinene	183	171.0	75	552
14603	C ₁₀ H ₁₈ O	Cineole	176.35	172.0	55	552
	A = C₈H₁₆O₂	Butyl Butyrate	166.4			
14604	C ₈ H ₁₆ O ₂	Ethyl caproate	167.7	Nonazeotrope		575
14605	C ₈ H ₁₆ O ₂	Isoamyl propionate	160.7	Nonazeotrope		575
14606	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		575
14607	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		549
14608	C ₉ H ₈	Indene	182.6	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₆O₂	Butyl Butyrate (continued)	166.4			
14609	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		546
14610	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
14611	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
14612	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		575
14613	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		575
14614	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
14615	C ₁₀ H ₁₆	Camphene	159.6	158.0	30	562
14616	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9	Nonazeotrope		546
14617	C ₁₀ H ₁₆	α-Pinene	163.8	160.5	40	562
14618	C ₁₀ H ₁₆	α-Pinene	155.8	<155.0	<20	575
		"	155.8	Nonazeotrope		546
14619	C ₁₀ H ₁₆	α-Terpinene	173.4	<165.0	<74	575
14620	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		557
14621	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	Nonazeotrope		557
A =	C₈H₁₆O₂	Caprylic Acid	238.5			
14622	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		575
14623	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		575
		"	262.7	237.0		543
14624	C ₁₀ H ₈	Naphthalene	218.05	216.2	6	541
14625	C ₁₀ H ₁₀ O ₂	Safrole	235.9	232.5	~ 45	541
14626	C ₁₀ H ₁₂ O	Anethole	235.7	<234.0	>35	562
14627	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75	Nonazeotrope		575
14628	C ₁₀ H ₁₄ O	Carvacrol	237.85	237.6	25	575
14629	C ₁₀ H ₁₄ O	Thymol	232.9	<232.8		575
14630	C ₁₀ H ₂₁ NO	<i>N,N</i> -Dimethyloctan- amide, 100 mm.	187	190	26.0	832
14631	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	233.5	52	542
14632	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	235.0	48	527
14633	C ₁₁ H ₁₆ O	Methyl thymol ether	216.5	Nonazeotrope		575
14634	C ₁₁ H ₂₀ O	Methyl α-terpineol ether	216.2	Nonazeotrope		543
14635	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	<231.8	>10	575
14636	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	~ 214.3	4	541
14637	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		575
A =	C₈H₁₆O₂	1-3-Dimethylbutyl Acetate	146.1			
14638	C ₉ H ₁₈ O	2,6-Dimethyl-4- heptanone	169.4	Nonazeotrope		981
A =	C₈H₁₆O₂	Ethyl Caproate	167.7			
14639	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		575
14640	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
14641	C ₉ H ₁₂	Propylbenzene	158.9	Nonazeotrope		546
14642	C ₉ H ₁₂	Pseudocumene	168.2	167.6		546
14643	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	167.5	60	552
14644	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		575
14645	C ₁₀ H ₁₆	Camphene	158	159	15	546
14646	C ₁₀ H ₁₆	α-Pinene	155.8	Nonazeotrope		546
14647	C ₁₀ H ₁₆	α-Terpinene	173.4	Nonazeotrope		575
14648	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		557

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₆O₂	Ethyl Caproate (<i>continued</i>)	167.7			
14649	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		557
A =	C₈H₁₆O₂	2-Ethylhexanoic Acid	227			
14650	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	<50		270
A =	C₈H₁₆O₂	Hexyl Acetate	171.5			
14651	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180.4	Nonazeotrope		575
14652	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		575
14653	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		557
14654	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	~ 171.2	>80	557
A =	C₈H₁₆O₂	Isoamyl Propionate	160.7			
14655	C ₈ H ₁₆ O ₂	Isobutyl butyrate	156.9	Nonazeotrope		575
14656	C ₈ H ₁₆ O ₂	Propyl isovalerate	155.7	Nonazeotrope		575
14657	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	180	Nonazeotrope		536
14658	C ₈ H ₁₈ S	Isobutyl sulfide	172.0	Nonazeotrope		575
14659	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		575
14660	C ₉ H ₁₂	Mesitylene	164.0	Nonazeotrope		546
14661	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		552
14662	C ₉ H ₂₀ O ₂	Diisobutoxymethane	163.8	Nonazeotrope		557
14663	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
14664	C ₁₀ H ₁₆	Camphene	159.6	155.5	46	570
		"	~ 158	~ 155.5	<50	563
14665	C ₁₀ H ₁₆	Nopinene	163.8	157.0	57	562
14666	C ₁₀ H ₁₆	α -Pinene	155.8	154	~ 25	563
14667	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		557
14668	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	157	~ 49	563
14669	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		557
A =	C₈H₁₆O₂	Isobutyl Butyrate	156.9			
14670	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		575
14671	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		573
14672	C ₁₀ H ₁₆	Nopinene	163.8	<155.4	<75	575
14673	C ₁₀ H ₁₆	α -Pinene	155.8	<153.0	<50	546
14674	C ₁₀ H ₁₆	α -Terpinene	173.3	Nonazeotrope		546
A =	C₈H₁₆O₂	Isobutyl Isobutyrate	148.6			
14675	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		557
14676	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
14677	C ₁₀ H ₁₆	Camphene	158	153	63	546
14678	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		546
A =	C₈H₁₆O₂	Propyl Isovalerate	155.7			
14679	C ₈ H ₁₈ O	Butyl ether	142.4	Nonazeotrope		557
14680	C ₈ H ₂₀ SiO ₄	Ethyl silicate	168.8	Nonazeotrope		575
14681	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
14682	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		573
14683	C ₉ H ₁₂	Propylbenzene	158.9	Nonazeotrope		546
14684	C ₉ H ₂₀ O ₂	Diisobutoxymethane	163.8	Nonazeotrope		557
14685	C ₁₀ H ₁₆	Camphene	159.6	145	65	545

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₆O₂	Propyl Isovalerate	(continued) 155.7			
14686	C ₁₀ H ₁₆	Nopinene	163.8	155.0	75	562
14687	C ₁₀ H ₁₆	α-Pinene	155.8	144.0	53	545
14688	C ₁₀ H ₁₆	α-Terpinene	173.4	Nonazeotrope		575
14689	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	152	57	573
A =	C₈H₁₆O₃	Isoamyl Lactate	202.4			
14690	C ₈ H ₁₈ O	Octyl alcohol	195.2	Nonazeotrope		575
14691	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		552
14692	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		538
14693	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
14694	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		542
14695	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
14696	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.2	201.8		575
14697	C ₁₀ H ₁₈ O	Citronellal	208.0	<202.2		575
14698	C ₁₀ H ₁₈ O	Linalool	198.6	<198.5		575
14699	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	<202.2		575
14700	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		565
14701	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		576
A =	C₈H₁₆O₄	2-(2-Ethoxyethoxy) Ethyl				
		Acetate	218.5			
14702	C ₉ H ₁₈ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		575
14703	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	<214.8	>9	575
14704	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	212.3	8	575
14705	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		575
14706	C ₁₀ H ₁₈ O	Borneol	215	Nonazeotrope		575
14707	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		575
14708	C ₁₀ H ₁₈ O	α-Terpineol	218.85	<218.0	<53	575
14709	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		575
14710	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575
14711	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	Nonazeotrope		575
14712	C ₁₁ H ₁₀	2-Methyl naphthalene	241.15	Nonazeotrope		270
14713	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		575
A =	C₈H₁₇Cl	3-(Chloromethyl)	106.9/100 mm.			
		heptane				
14714	C ₈ H ₁₈ O	2-Ethyl-1-hexanol, 100 mm.	124.8	106	98	982
A =	C₈H₁₈	<i>n</i>-Octane	125.4			
14715	C ₈ H ₁₈	2,2,4-Trimethylpentane	99.2	Nonazeotrope	v-1	86
14716	C ₈ H ₁₈ O	Isobutyl ether	122.3	122.0	90	558
		"	122.2	Nonazeotrope?		548
A =	C₈H₁₈Cl₂Sn	Dibutyltin Dichloride	157/17			
14717	C ₁₂ H ₂₇ ClSn	Tributyltin chloride, 17 mm.	166	Nonazeotrope		981
A =	C₈H₁₈O	Butyl Ether	142.1			
14718	C ₈ H ₁₈ O	2-Ethyl-1-hexanol	184.8	Nonazeotrope		981
14719	C ₈ H ₁₂	Cumene	152.8	Nonazeotrope		558

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₈O	Butyl Ether (<i>continued</i>)	142.1			
14720	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		558
A =	C₈H₁₈O	2-Ethyl-1-hexanol	184.8			
14721	C ₉ H ₂₀	Nonane	150.8	Nonazeotrope		981
14722	C ₁₀ H ₂₀ O ₂	2-Ethylhexyl acetate	198.4	Nonazeotrope		981
14723	C ₁₁ H ₂₀ O ₂	2-Ethylhexyl acrylate			>85	999
14724	C ₁₁ H ₂₅ N	(2-Ethylhexyl) propylamine, 50 mm.	147	Nonazeotrope		981
A =	C₈H₁₈O	Isobutyl Ether	122.3			
14725	C ₈ H ₁₉ N	Diisobutylamine	138.5	Nonazeotrope		551
A =	C₈H₁₈O	Octyl Alcohol	195.15			
14726	C ₉ H ₈	Indene	182.6	182.4	12	527
14727	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.6	Nonazeotrope		536
14728	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		575
14729	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
14730	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		545
14731	C ₉ H ₁₂ O	Phenyl propyl ether	190.2	190.0		538
14732	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	184.8	20	551
14733	C ₉ H ₁₄ O	Phorone	197.8	<193.5	<80	552
		"	197.8	Nonazeotrope		548
14734	C ₉ H ₁₆ O ₂	Ethyl enanthate	188.7	Nonazeotrope		575
14735	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	~ 189.5	20	536
14736	C ₁₀ H ₈	Naphthalene	218.05	Nonazeotrope		537
14737	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		537
14738	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		575
14739	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		531
14740	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		575
14741	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	177.45	~ 8	529
14742	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
14743	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		575
14744	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
14745	C ₁₀ H ₁₆	γ -Terpinene	183	182.5	>10	575
14746	C ₁₀ H ₁₆	Thymene	179.7	179.6	~ 7	530
14747	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		552
14748	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		556
14749	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		575
14750	C ₁₀ H ₁₈ O	Linalool	198.7	Nonazeotrope		528
14751	C ₁₀ H ₁₈ O	Menthone	209.5	Nonazeotrope		552
14752	C ₁₀ H ₂₀ O	Octyl vinyl ether 5 mm	64	64	17	1008
14753	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575
14754	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	192.55	15	564
14755	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		556
14756	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		566
14757	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.2	191.9	30	556
A =	C₉H₁₈O	<i>sec</i>-Octyl Alcohol	179.0			
14758	C ₉ H ₈	Indene	181.7	176	~ 60	537

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₈O	<i>sec-Octyl Alcohol (continued)</i>	179.0			
14759	C ₉ H ₁₂	Cumene	152.8	Nonazeotrope		575
14760	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		541
14761	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		575
14762	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	180.0		545
14763	C ₉ H ₁₂ O	Phenyl propyl ether	190.2	Nonazeotrope		576
14764	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	179.0	70	551
14765	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine	210.2	Nonazeotrope		551
14766	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	177.4	11	575
14767	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	180.3	72	564
14768	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		575
14769	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	Nonazeotrope		536
14770	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	<180.0		575
		"	190.3	Nonazeotrope		536
14771	C ₁₀ H ₁₄	Butylbenzene	183.1	178.2	50	567
14772	C ₁₀ H ₁₄	Cymene	176.7	174	44	537
14773	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
14774	C ₁₀ H ₁₆	Camphene	159.6	159.55?		537
14775	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	174.5	~ 45	537
14776	C ₁₀ H ₁₆	Nopinene	163.8	163.5	~ 5	575
14777	C ₁₀ H ₁₆	α -Phellandrene	171.5	~ 170		563
14778	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		563
14779	C ₁₀ H ₁₆	α -Terpinene	173.4	171.8	27	567
14780	C ₁₀ H ₁₆	Terpinene	180.5	~ 175.5		563
14781	C ₁₀ H ₁₆	Terpinolene	184.6	179.0	57	567
14782	C ₁₀ H ₁₆	Thymene	179.7	176	52	537
14783	C ₁₀ H ₁₈ O	Cineole	176.35	175.85	26.5	572
14784	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	Nonazeotrope		575
14785	C ₁₀ H ₂₂ O	Amyl ether	187.5	179.8	86	556
14786	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	172.65	17	527
		"	173.4	Nonazeotrope		576
A =	C₈H₁₈OS	2-Hexylthioethanol				
14787	C ₁₀ H ₂₀ OS	2-Hexylthioethyl vinyl ether		Min. b.p.		953
A =	C₈H₁₈O₂	2-Ethyl-1,3-hexanediol	243.1			
14788	C ₁₆ H ₃₄ O	Bis(2-ethylhexyl) ether,				
		10 mm.	135	123	40	982
		"	269.8	241		982
A =	C₈H₁₈O₃	Bis(2-ethoxyethyl) Ether	186.0			
14789	C ₉ H ₈	Indene	182.5	Nonazeotrope		558
14790	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		558
A =	C₈H₁₈O₃	2-(2-Butoxyethoxy) Ethanol	231.2			
14791	C ₉ H ₇ N	Quinoline	237.3	<229.5	>56	553
14792	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	Nonazeotrope		575
14793	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	225.2	54	575
14794	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		575
14795	C ₁₀ H ₈	Naphthalene, 100 mm	144.35	Nonazeotrope	v-1	404

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₈O₃	2-(2-Butoxyethoxy) Ethanol	231.2			
		<i>(continued)</i>				
14796	C ₁₀ H ₉ N	Quinaldine	246.5	Nonazeotrope		575
14797	C ₁₀ H ₁₈ O	Geraniol	229.6	<228.5		575
14798	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	<230.5	<85	575
14799	C ₁₁ H ₁₀	1-Methylnaphthalene,				
		20 mm.			46.8	270
		" 100 mm.			64.3	270
		" 200 mm.			74	270
14800	C ₁₁ H ₁₀	2-Methylnaphthalene				
		20 mm.			38	270
		" 100 mm.			53.5	270
		"	241.15		82	270
14801	C ₁₂ H ₂₆	Dodecane, 100 mm.	146.2	142.6	34	v-1 404
14802	C ₁₅ H ₃₀	1-Pentadecene,				
		217 mm.	183.7	185.16	87 vol. %	826
A =	C₈H₁₆S	Butyl Sulfide	185.0			
14803	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		566
14804	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	<184.2	>53	566
14805	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	Nonazeotrope		566
14806	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		566
14807	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	Nonazeotrope		566
14808	C ₁₀ H ₁₄	Butylbenzene	183.1	182.0	40	566
14809	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		566
14810	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		566
A =	C₈H₁₈S	Isobutyl Sulfide	172.0			
14811	C ₉ H ₁₂	Mesitylene	164.6	Nonazeotrope		566
14812	C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone	168.0	<167.2		566
14813	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		566
14814	C ₁₀ H ₁₆	α-Pinene	155.8	Nonazeotrope		566
14815	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	171.0	62	555
A =	C₈H₂₀SiO₄	Ethyl Silicate	168.8			
14816	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		575
14817	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	168.2		575
14818	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2	168.75	93	549
14819	C ₁₀ H ₁₆	Camphene	~158	~150	~37	563
14820	C ₁₀ H ₁₆	α-Pinene	155.8	<149	<35	563
14821	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	<165.5		557
A =	C₉F₂₁N	Tris(perfluoropropyl)amine	130			
14822	C ₉ H ₁₂	Cumene	152	116		160
A =	C₉H₆N₂O₂	2,4-Tolylene Diisocyanate				
14823	C ₉ H ₆ N ₂ O ₂	2,6-Tolylene diisocyanate, 5-60 mm.				
					Nonazeotrope	v-1 166
A =	C₉H₇N	Isoquinoline	243.2			
14824	C ₉ H ₇ N	Quinoline	237.6	Nonazeotrope		v-1 610
14825	C ₁₀ H ₉ N	Quinaldine	247.7	Nonazeotrope		v-1 610
14826	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15		<50	270

TABLE I. *Binary Systems*

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No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₉H₇N	Quinoline	237.3			
14827	C ₉ H ₁₀ O	<i>p</i> -Methylacetophenone	226.35	Nonazeotrope		575
14828	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		553
14829	C ₉ H ₁₂ O	Mesitol	220.5	240.4	85	575
14830	C ₉ H ₁₂ O ₂	2-Benzoyloxyethanol	265.2	Nonazeotrope		553
14831	C ₁₀ H ₈	Naphthalene	218	Nonazeotrope		553
14832	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		553
14833	C ₁₀ H ₁₀ O ₂	Safrole	235.9	235.15	27	553
14834	C ₁₀ H ₁₂ O	Anethole	235.7	234.7	30	553
14835	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		575
14836	C ₁₀ H ₁₄ O	Carvacrol	237.85	244.3	48	575
14837	C ₁₀ H ₁₄ O	Thymol	232.9	243.1	55	564
14838	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	235.0	22	575
14839	C ₁₀ H ₁₆ O	α -Terpineol	218.85	Nonazeotrope		575
14840	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		553
14841	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		553
14842	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	237.25	93	553
		"		237.25	93	527
		"	241.15		>50	270
14843	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethylbenzene	254.7	Nonazeotrope		575
14844	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		575
14845	C ₁₁ H ₁₆ O	<i>p</i> - <i>tert</i> -Amylphenol	266.5	267.5	6	575
14846	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		575
14847	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		553
14848	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		553
A =	C₉H₈	Indene	182.6			
14849	C ₉ H ₁₂ O	Benzyl ethyl ether	185.0	Nonazeotrope		558
14850	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
14851	C ₉ H ₁₄ O	Phorone	197.8	Nonazeotrope		548
14852	C ₉ H ₁₈ O ₂	Ethyl enanthate	188.7	Nonazeotrope		575
14853	C ₉ H ₁₈ O ₂	Isoamyl butyrate	178.5	178.0		546
14854	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		541
14855	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		575
14856	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		561
14857	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		575
14858	C ₁₀ H ₁₆	Limonene	177.7	Nonazeotrope		561
14859	C ₁₀ H ₁₈ O	Borneol	215	Nonazeotrope		575
14860	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		558
14861	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575
14862	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		575
14863	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		575
14864	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		546
14865	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		558
14866	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		558
14867	C ₁₀ H ₂₃ N	Diisoamylamine	188.2	Nonazeotrope		551
A =	C₉H₈O	Cinnamaldehyde	253.5			
14868	C ₉ H ₁₀ O	Cinnamyl alcohol	257.0	< 252.3		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₈H₈O	Cinnamaldehyde (<i>continued</i>)	253.5			
14869	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		575
14870	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	Nonazeotrope		545
14871	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
14872	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	251.3	23	556
14873	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		545
14874	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		548
14875	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		575
14876	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	Nonazeotrope		575
14877	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
14878	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		575
14879	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		575
		"	244.6	~ 244.4	~ 5	538
14880	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
14881	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0	253.0	80?	538
14882	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		548
14883	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		575
14884	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		548
14885	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		575
14886	C ₁₂ H ₁₀	Biphenyl	255.0	~ 250.0	~ 40	548
14887	C ₁₂ H ₁₀ O	Phenyl ether	259.0	253.0	65	556
14888	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		548
14889	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
14890	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		548
A =	C₈H₉N	2-Methylindole	268			
14891	C ₁₁ H ₁₆ O	<i>p</i> - <i>tert</i> -Amylphenol	266.5	272.0	56	575
A =	C₉H₁₀	Vinyltoluene				
14892	C ₉ H ₁₂	Ethyltoluene 60 mm.		Nonazeotrope	v-l	302
		" 30 mm.		Nonazeotrope	v-l	302
		" 15 mm.		Nonazeotrope	v-l	302
A =	C₉H₁₀O	Cinnamyl Alcohol	257.0			
14893	C ₉ H ₁₂ O ₂	2-Benzyloxyethanol	265.2	Nonazeotrope		575
14894	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
14895	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	< 251.6		575
14896	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		575
14897	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		575
14898	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	Nonazeotrope		575
14899	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
14900	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		575
14901	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
14902	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)ethyl acetate	245.3	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₈H₁₀O	Cinnamyl Alcohol	(continued) 257.0			
14903	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	< 244.3	> 12	575
14904	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	Nonazeotrope		575
14905	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope		575
14906	C ₁₁ H ₁₄ O ₂	Ethyl β-phenylpropionate	248.1	Nonazeotrope		575
14907	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		575
14908	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		575
14909	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		575
14910	C ₁₂ H ₁₀	Biphenyl	256.1	253.0	~ 45	575
14911	C ₁₂ H ₁₀ O	Phenyl ether	259.0	< 256.0		575
14912	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		575
14913	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	< 256.7		575
14914	C ₁₃ H ₁₂	Diphenylmethane	265.4	< 256.2	> 62	575
14915	C ₁₃ H ₂₈	Tridecane	234.0	Nonazeotrope		575
A =	C₉H₁₀O	p-Methylacetophenone	226.35			
14916	C ₉ H ₁₀ O ₃	Ethyl salicylate	233.8	Nonazeotrope		552
14917	C ₉ H ₁₂ O	3-Phenylpropanol	235.6	Nonazeotrope		552
14918	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		552
14919	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		552
14920	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		552
14921	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75	226.2	75	552
14922	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		552
14923	C ₁₀ H ₁₄ O	Thymol	232.9	234.9	32	552
14924	C ₁₀ H ₁₄ O ₂	m-Diethoxybenzene	235	Nonazeotrope		537
14925	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
14926	C ₁₀ H ₁₈ O	Geraniol	229.6	226.25	95	552
14927	C ₁₀ H ₁₈	α-Terpineol	218.85	Nonazeotrope		552
14928	C ₁₀ H ₂₀ O	Citronellol	224.4	223.7	32	552
14929	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		535
14930	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	Nonazeotrope		552
14931	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
14932	C ₁₁ H ₂₀ O	Methyl terpenyl ether	216.2	Nonazeotrope		552
14933	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		552
14934	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	225.8	60	552
A =	C₉H₁₀O	Propiophenone	217.7			
14935	C ₉ H ₁₀ O ₂	Benzyl acetate	215.0	Nonazeotrope		552
14936	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.5	Nonazeotrope		552
14937	C ₉ H ₁₃ N	N,N-Dimethyl-p-toluidine	210.2	Nonazeotrope		575
14938	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		552
14939	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
14940	C ₁₀ H ₁₄ O	Thymol	232.9	> 233.2	> 13	552
14941	C ₁₀ H ₁₅ N	Diethylaniline	217.05	< 216.6	< 47	551
14942	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		552
14943	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		552
14944	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	215.4	25	552
14945	C ₂₀ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₉H₁₀O₂	Benzyl Acetate	214.9			
14946	C ₉ H ₁₀ O ₂	Ethyl benzoate	212.4	212.35	2	529
		"	212.5		Nonazeotrope	549
14947	C ₁₀ H ₈	Naphthalene	218.05	214.65	~ 72	529
14948	C ₁₀ H ₁₄ O	Thymol	232.8		Nonazeotrope	531
14949	C ₁₀ H ₁₆	γ-Terpinene	179.7		Nonazeotrope	546
14950	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope	552
14951	C ₁₀ H ₁₆ O	Pulegone	223.8		Nonazeotrope	552
14952	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5		Nonazeotrope	575
14953	C ₁₀ H ₁₈ O	Borneol	213.2	212.8	~ 36	529
14954	C ₁₀ H ₁₈ O	Citronellal	208.0		Nonazeotrope	575
14955	C ₁₀ H ₁₈ O	α-Terpineol	217.8	214.5	~ 65	529
14956	C ₁₀ H ₁₈ O	β-Terpineol	210.5	210.2	22	575
14957	C ₁₀ H ₂₀ O	Citronellol	224.4		Nonazeotrope	575
14958	C ₁₀ H ₂₀ O	Menthol	216.4	~ 213.5	73.5	529
14959	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15		Nonazeotrope	527
14960	C ₁₁ H ₂₀ O	Methyl α-terpineol ether	216.2	214.7	72	557
14961	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	207.5		Nonazeotrope	557
14962	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	214.5	50	546
A =	C₉H₁₀O₂	Ethyl Benzoate	212.4			
14963	C ₉ H ₁₀ O ₂	Methyl α-toluate	215.3		Nonazeotrope	549
14964	C ₁₀ H ₈	Naphthalene	218.05		Nonazeotrope	563
14965	C ₁₀ H ₁₂ O	Estragol	215.6		Nonazeotrope	557
14966	C ₁₀ H ₁₄ O	Thymol	232.8		Nonazeotrope	531
14967	C ₁₀ H ₁₅ N	Diethylaniline	216.1		Reacts	563
14968	C ₁₀ H ₁₆ O	Camphor	209.1		Nonazeotrope	552
14969	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5		Nonazeotrope	575
		"	~210	~ 209.5		563
14970	C ₁₀ H ₁₈ O	Borneol	213.2	212.2	90	529
14971	C ₁₀ H ₁₈ O	Citronellal	~207.8		Nonazeotrope	532
14972	C ₁₀ H ₁₈ O	Linalool	198.6		Nonazeotrope	535
14973	C ₁₀ H ₁₈ O	α-Terpineol	218.85		Nonazeotrope	575
		"	~217.8	212.55	~ 98	536
14974	C ₁₀ H ₁₈ O	β-Terpineol	210.5	< 209.8	< 48	575
14975	C ₁₀ H ₂₀ O	Menthol	216.4	212.3	95	529
14976	C ₁₁ H ₂₀ O	Terpineol methyl ether	216	< 212.3	< 78	557
14977	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8	< 210.6	15?	557
14978	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216.0		Nonazeotrope	546
A =	C₉H₁₀O₂	Methyl α-Toluate	215.3			
14979	C ₁₀ H ₁₆ O	Pulegone	223.8		Nonazeotrope	552
14980	C ₁₀ H ₁₈ O	Borneol	215.0	< 214.3	< 52	575
14981	C ₁₀ H ₁₈ O	α-Terpineol	218.85	< 215.0	> 75	575
14982	C ₁₀ H ₂₀ O	Menthol	216.3	< 214.5	> 63	575
A =	C₉H₁₀O₃	Ethyl Salicylate	233.8			
14983	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0		Nonazeotrope	575
14984	C ₁₀ H ₁₀ O ₂	Safrole	235.9	233.65	88	536
		"	235.9		Nonazeotrope	556

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₉H₁₀O₃	Ethyl Salicylate (<i>continued</i>)	233.8			
14985	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	234.0	Nonazeotrope		538
14986	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		548
14987	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
14988	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
14989	C ₁₀ H ₁₄ O	Thymol	232.9	235	~ 65	536
14990	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotropæ		552
14991	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		545
14992	C ₁₀ H ₁₈ O	Geraniol	229.7	228.5	40	536
14993	C ₁₀ H ₁₈ O	α -Ternipeol	~217.8	Nonazeotrope		536
14994	C ₁₀ H ₂₀ O	Citronellol	224.5	Nonazeotrope		545
14995	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		536
14996	C ₁₀ H ₂₂ O	Decyl alcohol	232.9	230.5	48	536
14997	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		536
14998	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
14999	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate	248.1	Nonazeotrope		575
15000	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotropæ		538
15001	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	Nonazeotropæ		575
15002	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	< 232.0	< 28	575
15003	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		575
15004	C ₁₂ H ₁₀ O	Phenyl ether, 5 mm.		Nonazeotrope	v-l	323
		" 50 mm.		Nonazeotropæ	v-l	323
		" 180 mm.		Nonazeotropæ	v-l	323
15005	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		538
A =	C₉H₁₂	Cumene	152.8			
15006	C ₉ H ₂₀	Nonane	149.5	148.0	23	561
15007	C ₁₀ H ₁₆	α -Pinene	155.8	151.8	80	561
15008	C ₁₂ F ₂₇ N	Tris(perfluorobutyl) amine	177	138		160
A =	C₉H₁₂	Mesitylene	164.6			
15009	C ₉ H ₁₂	Propylbenzene	159.3	Nonazeotrope		561
15010	C ₉ H ₁₂	Pseudocumene	169.0	Nonazeotrope		266,563
15011	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
15012	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotropæ		575
15013	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8	Nonazeotrope		575
15014	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	163		563
		"	168.7	Nonazeotrope		546
15015	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3	Nonazeotrope		575
15016	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		561
15017	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		561
15018	C ₁₀ H ₁₆	Nopinene	163.8	162.7	40	561
15019	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		561
15020	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		561
15021	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		540
15022	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	158.6	28	561
15023	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	Nonazeotrope		548

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₉H₁₂	Propylbenzene	159			
15024	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		575
15025	C ₁₀ H ₁₆	Camphene	159.6	158.0	47	561
15026	C ₁₀ H ₁₆	Nopinene	163.8	< 159.0	> 85	561
15027	C ₁₀ H ₁₆	α -Pinene	155.8	155.0	17	561
A =	C₉H₁₂	Pseudocumene	168.2			
15028	C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine	185.3	Nonazeotrope		551
15029	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.35	Nonazeotrope		541
		"	168.7	< 166.5	~ 49	563
15030	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		561
15031	C ₁₀ H ₁₈	Menthene	170.8	167.5	> 85	561
15032	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		558
15033	C ₁₀ H ₂₂	Decane	173.3	166.5	75	561
15034	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		558
A =	C₉H₁₂O	Benzyl Ethyl Ether	185.0			
15035	C ₉ H ₁₈ O ₂	Butyl isovalerate	177.6	Nonazeotrope		557
15036	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05	Nonazeotrope		557
15037	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		558
15038	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		558
15039	C ₁₀ H ₁₆ O	Fenchone	193.6	Nonazeotrope		575
15040	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		575
15041	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575
15042	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		557
A =	C₉H₁₂O	Mesitol	230.5			
15043	C ₁₀ H ₈	Naphthalene	218.0	215.5	37	562
15044	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	213.0	30	562
A =	C₉H₁₂O	3-Phenylpropanol	235.6			
15045	C ₉ H ₁₂ O ₂	2-Benzyloxyethanol	265.2	Nonazeotrope		575
15046	C ₁₀ H ₈	Naphthalene	218.05	217.8	~ 20	537
15047	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		575
15048	C ₁₀ H ₁₀ O ₂	Safrole	235.9	233.8	47	545
15049	C ₁₀ H ₁₂ O	Anethole	235.7	234.0	48	567
15050	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		536
15051	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		575
15052	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		536
15053	C ₁₀ H ₁₄ O	Carvacrol	237.85	> 238.5	< 42	575
15054	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
15055	C ₁₀ H ₁₄ O	Thymol	232.9	237.5	~ 62	542
15056	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	< 234.8	> 43	575
15057	C ₁₀ H ₁₅ N	Diethylaniline	217.05	216.9	7	551
		"	217.05	Nonazeotrope		548
15058	C ₁₀ H ₁₈ O	Geraniol	229.7	Nonazeotrope		545
15059	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		549
15060	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)ethyl acetate	245.3	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₉H₁₂O	3-Phenylpropanol (<i>continued</i>)	235.6			
15061	C ₁₀ H ₂₂ O	Decyl alcohol	232.9	232.0		545
15062	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	234	~ 60	541
15063	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	233.7		575
15064	C ₁₁ H ₁₄ O ₂	Ethyl β-phenylpropionate	248.1	Nonazeotrope		575
15065	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		535
15066	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		575
15067	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		551
15068	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	< 231.8	> 5	575
15069	C ₁₂ H ₁₀	Biphenyl	254.9	235.4		537
15070	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
15071	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		575
15072	C ₁₃ H ₁₂	Diphenylmethane	265.6	Nonazeotrope		537
A =	C₉H₁₂O	Phenyl Propyl Ether	190.5			
15073	C ₉ H ₁₃ N	Dimethyl- <i>o</i> -toluidine	185.35	Nonazeotrope		575
15074	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		545
A =	C₉H₁₂OS	2-Benzylthioethanol				
15075	C ₁₁ H ₁₄ OS	2-Benzylthioethyl vinyl ether		Min. b.p.		953
A =	C₈H₁₂O₂	2-Benzylloxyethanol	265.2			
15076	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	< 261.5		575
15077	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		575
15078	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	Nonazeotrope		575
15079	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		575
15080	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		575
15081	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		575
15082	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		575
15083	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		575
15084	C ₁₁ H ₁₄ O ₂	Ethyl cinnamate	272.0	Nonazeotrope		575
15085	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope		575
15086	C ₁₁ H ₁₄ O ₂	Ethyl β-phenylpropionate	248.1	Nonazeotrope		575
15087	C ₁₂ H ₁₀ O	Phenyl ether	259.0	< 258.2	> 15	575
15088	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	261.0	~ 15	575
15089	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
15090	C ₁₃ H ₁₂	Diphenylmethane	265.4	262.5	46	575
15091	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope		575
A =	C₉H₁₃N	<i>N,N</i>-Dimethyl-<i>o</i>-toluidine	185.3			
15092	C ₁₀ H ₈	Naphthalene	218.0	Nonazeotrope		551
15093	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		551
15094	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		551
15095	C ₁₀ H ₁₆	α-Pinene	155.8	Nonazeotrope		551
15096	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		551
15097	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		551
15098	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		551
15099	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		551
15100	C ₁₀ H ₁₈ O	β-Terpeneol	210.5	Nonazeotrope		551
15101	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		551

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₉H₁₃N	<i>N,N</i>-Dimethyl-<i>o</i>-toluidine	185.3			
		<i>(continued)</i>				
15102	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	575
A =	C₉H₁₃N	<i>N,N</i>-Dimethyl-<i>p</i>-toluidine	210.2			
15103	C ₁₀ H ₈	Naphthalene	218.0		Nonazeotrope	575
15104	C ₁₀ H ₁₈ O	Geraniol	229.6		Nonazeotrope	551
15105	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8		Nonazeotrope	551
15106	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2		Nonazeotrope	575
15107	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	575
15108	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8		Nonazeotrope	575
A =	C₉H₁₄O	Isophorone	215.2			
15109	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15		Nonazeotrope	270
A =	C₉H₁₄O	Phorone	197.8			
15110	C ₉ H ₁₈ O ₂	Methyl caprylate	192.9		Nonazeotrope	552
15111	C ₉ H ₁₈ O ₃	Isobutyl carbonate	190.3		Nonazeotrope	552
15112	C ₁₀ H ₁₄	Butylbenzene	183.1		Nonazeotrope	575
15113	C ₁₀ H ₁₄ O	Thymol	232.9		Nonazeotrope	575
15114	C ₁₀ H ₁₅ N	Diethylaniline	217.05		Nonazeotrope	575
15115	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	552
15116	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8		Nonazeotrope	566
15117	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4		Nonazeotrope	575
15118	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9		Nonazeotrope	575
A =	C₉H₁₈	Propylcyclohexane	156.72			
15119	C ₁₂ F ₂₇ N	Perfluorotributylamine	178.4	145.4	55 vol. %	609
A =	C₉H₁₈O	2,6-Dimethyl-4-heptanone	168.0			
15120	C ₉ H ₁₈ O ₂	Isoamyl isobutyrate	169.8		Nonazeotrope	552
15121	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2		Nonazeotrope	552
A =	C₉H₁₈O₂	Butyl Isovalerate	177.6			
15122	C ₉ H ₁₈ O ₂	Isoamyl butyrate	181.05		Nonazeotrope	575
15123	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2		Nonazeotrope	575
15124	C ₁₀ H ₁₆	Camphene	158		Nonazeotrope	546
15125	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9	176	55	546
15126	C ₁₀ H ₁₆	Nopinene	164		Nonazeotrope	546
15127	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope	575
15128	C ₁₀ H ₁₆ O	Cineole	176.35	< 176.2	< 75	557
15129	C ₁₀ H ₂₂ O	Amyl ether	187.5		Nonazeotrope	557
15130	C ₁₀ H ₂₂ O	Isoamyl ether	173.2		Nonazeotrope	557
A =	C₉H₁₈O₂	Ethyl Enanthate	188.7			
15131	C ₁₀ H ₁₄	Butylbenzene	183.1		Nonazeotrope	575
15132	C ₁₀ H ₁₆	Dipentene	177.7		Nonazeotrope	575
15133	C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope	575
A =	C₉H₁₈O₂	Isoamyl Butyrate	181.05			
15134	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	171.2		Nonazeotrope	575
15135	C ₁₀ H ₁₄	Butylbenzene	183.2		Nonazeotrope	546
15136	C ₁₀ H ₁₄	Cymene	176.7		Nonazeotrope	575
		"	175.3	< 173		563

TABLE I. *Binary Systems*

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No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₉H₁₈O₂	Isoamyl Butyrate	181.05			
15137	C ₁₀ H ₁₆	Camphene	158	Nonazeotrope		546
15138	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	~ 176.5	~ 45	528
15139	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		575
15140	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575
15141	C ₁₀ H ₁₆	γ -Terpinene	179.9	177.5	57	546
15142	C ₁₀ H ₁₆	Terpinolene	185	~ 177		563
		"	185.2	Nonazeotrope		546
15143	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		557
		"	176.35	< 175.9	~ 25	572
15144	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		536
15145	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		557
15146	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		557
15147	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		557
A =	C₉H₁₈O₂	Isoamyl Isobutyrate	168.8			
15148	C ₉ H ₁₈ O ₂	Isobutyl isovalerate	168.7	168.4?		573
15149	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		575
15150	C ₁₀ H ₁₆	Camphene	159.6	< 159.5	< 22	575
15151	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		575
15152	C ₁₀ H ₁₆	α -Pinene	155.8	< 155.6	< 16	575
15153	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		557
A =	C₉H₁₈O₂	Isobutyl Isovalerate	171.2			
15154	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
15155	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		546
15156	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		575
15157	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9	Nonazeotrope		546
15158	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		546
15159	C ₁₀ H ₁₆	α -Terpinene	173.3	170.5	65	546
15160	C ₁₀ H ₁₆	γ -Terpinene	183	Nonazeotrope		575
15161	C ₁₀ H ₁₆	Terpinolene	185.2	Nonazeotrope		546
15162	C ₁₀ H ₁₈	<i>m</i> -Menthene-8	170.8	< 170.5	< 92	575
15163	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		557
15164	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.2	159	12	546
15165	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		557
15166	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	170.95	90	557
A =	C₉H₁₈O₂	Methyl Caprylate	192.9			
15167	C ₁₀ H ₁₄	Butylbenzene	183.1	Nonazeotrope		575
15168	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		575
15169	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	192.5	47	549
15170	C ₁₁ H ₂₂ O ₂	Methyl caprate				
		20-100 mm.		Nonazeotrope	v-l	825
A =	C₉H₁₈O₂	Pelargonic Acid	254.0			
15171	C ₁₀ H ₇ Br	1-Bromonaphthalene	281.2	Nonazeotrope		575
15172	C ₁₀ H ₇ Cl	1-Chloronaphthalene	262.7	252.5	> 50	575
15173	C ₁₀ H ₁₈	Naphthalene	218.0	Nonazeotrope		575
15174	C ₁₀ H ₁₀ O ₂	Isosafrole	252.0	249.5	35	556

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₉H₁₈O₃	Pelargonic Acid (continued)	254.0			
15175	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		575
15176	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	250.5	52	575
15177	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		575
15178	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	< 249.8	20	575
15179	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	243.0	18	562
15180	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	240.2	10	527
15181	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		575
15182	C ₁₂ H ₁₀	Biphenyl	256.1	250	45	562
15183	C ₁₂ H ₁₀ O	Phenyl ether	259.0	250.5	55	556
15184	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
15185	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		575
15186	C ₁₃ H ₁₂	Diphenylmethane	265.4	252.7	75	563
A =	C₉H₁₆O₃	Isobutyl Carbonate	190.3			
15187	C ₁₀ H ₁₆	Camphene	158	Nonazeotrope		546
15188	C ₁₀ H ₁₆	Dipentene	177.7	< 174.5	< 33	575
15189	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.9	Nonazeotrope		546
15190	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		546
15191	C ₁₀ H ₁₈ O	Cineole	176.35	< 176.0	> 18	557
		"	176.35	Nonazeotrope		568
15192	C ₁₀ H ₁₈ O	Linalool	198.6	< 189.8	< 96	575
		"	198.6	Nonazeotrope		535
15193	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	< 172.5		557
15194	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		538
A =	C₉H₂₀	Nonane	151			
15195	C ₁₂ F ₂₇ N	Perfluorotributylamine	177	Min. b.p.		159
A =	C₉H₂₀O	2,6-Dimethyl-4-heptanol	104/52			
15196	C ₁₂ H ₂₄	2,6,8-Trimethylnonene,				
		8 mm.		56	18	981
		52 mm.		95	32	981
A =	C₉H₂₀O₄	Tripropylene Glycol				
15197	C ₁₂ H ₉ N	Carbazole		Nonazeotrope		272
		" Low press.		Min. b.p.		272
15198	C ₁₃ H ₁₀	Fluorene, high press		Min. b.p.		272
		" Low press.		Nonazeotrope		272
15199	C ₁₄ H ₁₀	Phenanthrene		Min. b.p.		272
		"		% glycol decreases with decreasing pressure		272
A =	C₁₀H₇Br	1-Bromonaphthalene	281.2			
15200	C ₁₀ H ₈ O	1-Naphthol	288	281		544
15201	C ₁₀ H ₈ O	2-Naphthol	295	Nonazeotrope		575
15202	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	Nonazeotrope		547
15203	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.7	278.85	61	541
15204	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	271.5	Nonazeotrope		541

TABLE I. *Binary Systems*

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₀H₇Br	1-Bromonaphthalene	281.2			
		<i>(continued)</i>				
15205	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		559
15206	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		542
15207	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		547
15208	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
15209	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		542
15210	C ₁₃ H ₁₀	Fluorene	295	Nonazeotrope		575
15211	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		575
15212	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	Nonazeotrope		559
15213	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope		545
A =	C₁₀H₇Cl	1-Chloronaphthalene	262.7			
15214	C ₁₀ H ₈ O	1-Naphthol	288	Nonazeotrope		542
15215	C ₁₀ H ₈ O	2-Naphthol	295	Nonazeotrope		542
15216	C ₁₀ H ₁₀ O ₂	Isoafrole	252.0	Nonazeotrope		541
15217	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9	260.7	55	542
15218	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.7	Nonazeotrope		547
15219	C ₁₀ H ₁₂ O ₂	Eugenol	254.8	Nonazeotrope		575
15220	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	< 262.4	< 92	575
15221	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
15222	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		544
15223	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	Nonazeotrope		547
15224	C ₁₀ H ₂₀ O ₂	Capric acid	268.8	< 261.5	< 88	575
15225	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		575
15226	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
15227	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	271.5	Nonazeotrope		541
15228	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.0	Nonazeotrope		541
15229	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		547
15230	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		559
15231	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		575
15232	C ₁₂ H ₁₀	Biphenyl	254.8	Nonazeotrope		545
15233	C ₁₂ H ₁₀ O	Phenyl ether	259.3	258.92	~ 6	559
15234	C ₁₂ H ₁₆ O ₂	Isomyl benzoate	262.0	261.65	23	542
15235	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
15236	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	262.5	~ 92	542
15237	C ₁₃ H ₁₂	Diphenylmethane	265.4	262.55	93	541
A =	C₁₀H₈	Naphthalene	218.05			
15238	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		548
15239	C ₁₀ H ₁₂ O	Anethole	235.7	Nonazeotrope		558
15240	C ₁₀ H ₁₂ O ₂	Ethyl α -toluate	228.75	Nonazeotrope		529
15241	C ₁₀ H ₁₂ O ₂	Propyl benzoate	231.2	Nonazeotrope		563
15242	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		575
15243	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
15244	C ₁₀ H ₁₄ O	Thymol	232.8	Nonazeotrope		530

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₀H₆	Naphthalene (continued)	218.05			
15245	C ₁₀ H ₁₅ N	Diethylaniline	217.05	213		551
		"	216.5			563
15246	C ₁₀ H ₁₆ O	Camphor	209.1			552
15247	C ₁₀ H ₁₆ O	Citral	226			563
15248	C ₁₀ H ₁₆ O	Pulegone	~224			529
15249	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5			575
15250	C ₁₀ H ₁₆ O	Borneol	213.4	213.0	35	574
15251	C ₁₀ H ₁₈ O	Geraniol	229.6			541
		"	229.5	218.0?		563
15252	C ₁₀ H ₁₈ O	Linalool	198.6			532
15253	C ₁₀ H ₁₆ O	α -Terpineol	217.8	212	~ 45	528
15254	C ₁₀ H ₁₈ O	β -Terpineol	210.5			575
15255	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5			546
15256	C ₁₀ H ₂₀ O	Citronellol	224.5	217.8	70	537
15257	C ₁₀ H ₂₀ O	Menthol	216.4	215.15	25.5	529
15258	C ₁₀ H ₂₀ O ₂	Capric acid	268.8			575
15259	C ₂₀ H ₂₀ O ₂	Ethyl caprylate	208.35			575
15260	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7			575
15261	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.9			529
15262	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8			575
15263	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9			575
15264	C ₁₁ H ₂₀ O	Terpineol methyl ether	216			563
15265	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227			575
15266	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	228.8			531
15267	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	< 214.8	< 20	561
15268	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7			529
15269	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9			558
15270	C ₁₂ H ₂₆	Dodecane 100 mm.		140.2	59.2 v-l	404,600
15271	C ₁₃ H ₂₈	Tridecane	234.0			561
A =	C₁₀H₉O	1-Naphthol	288.0			
15272	C ₁₀ H ₉ N	1-Naphthylamine	300.8			551
15273	C ₁₀ H ₉ N	2-Naphthylamine	306.1			551
15274	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.9			575
15275	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6			542
15276	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15			527
15277	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	271.5			542
15278	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5			542
15279	C ₁₂ H ₁₀	Acenaphthene	277.9			575
		"	277.9	274	20	544
15280	C ₁₂ H ₁₀	Biphenyl	255.9			542
15281	C ₁₂ H ₁₀ O	Phenyl ether	259.0			556
15282	C ₁₂ H ₁₁ N	Diphenylamine	275			563
15283	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0			575
15284	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5			575
15285	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0			542

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₀H₈O	1-Naphthol (continued)	288.0			
15286	C ₁₃ H ₁₀	Fluorene	295	Nonazeotrope		575
15287	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		575
		"	265.6	265	10	544
15288	C ₁₁ H ₁₂	1,2-Diphenylethylene	308.5	Nonazeotrope		575
A =	C₁₀H₈O	2-Naphthol	295.0			
15289	C ₁₀ H ₁₀ O ₄	Methyl phthalate	283.2	> 296.0	> 82	575
15290	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	Nonazeotrope		575
15291	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		575
		"	277.9	277.0	10	544
15292	C ₁₂ H ₁₀	Biphenyl	255.9	Nonazeotrope		524
15293	C ₁₃ H ₁₂	Diphenylmethane	265.5	Nonazeotrope		524
15294	C ₁₄ H ₁₂	Stilbene	308.5	Nonazeotrope		575
15295	C ₁₄ H ₁₄	1,2-Diphenylethane	285.5	Nonazeotrope		575
		"	284	283.5		544
A =	C₁₀H₉N	4-Methylquinoline	265.6			
15296	C ₁₀ H ₉ N	Quinaldine	247.7	Nonazeotrope		v-l 610
15297	C ₁₀ H ₉ N	7-Methylquinoline	257.7	Nonazeotrope		v-l 610
A =	C₁₀H₉N	1-Naphthylamine	300.8			
15298	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		551
15299	C ₁₂ H ₁₂ O	Benzyl phenyl ether	286.5	Nonazeotrope		551
15300	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope		551
15301	C ₁₄ H ₁₄ O	Benzyl ether	297	< 296		575
A =	C₁₀H₉N	2-Naphthylamine	306.1			
15302	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	Nonazeotrope		575
15303	C ₁₄ H ₁₄ O	Benzyl ether	297	Nonazeotrope		575
A =	C₁₀H₉N	Quinaldine	246.5			
15304	C ₁₀ H ₁₀ O ₂	Safrole	235.9	Nonazeotrope		575
15305	C ₁₀ H ₁₁ O	Carvacrol	237.85	250.8	67	575
15306	C ₁₀ H ₁₄ O	Thymol	232.9	250.0	80	575
A =	C₁₀H₁₀O₂	Isosafrol	252.1			
15307	C ₁₀ H ₁₀ O ₂	Methyl cinnamate	261.6	Nonazeotrope		531,557
15308	C ₁₀ H ₁₂ O ₂	Eugenol	255.0	252.05?	~92	574
15309	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		542
15310	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	< 249.0 < 70		557
15311	C ₁₀ H ₂₀ O ₂	Capric acid	268.8	Nonazeotrope		575
15312	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		548
15313	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
15314	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxy- benzene	254.7	Nonazeotrope		549
15315	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		557
15316	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		557
15317	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	< 250.0 > 64		551
15318	C ₁₂ H ₁₀	Biphenyl	255.0	Nonazeotrope		548
15319	C ₁₂ H ₁₀ O	Phenyl ether	259.0	Nonazeotrope		549
15320	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05	Nonazeotrope		557
15321	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		557
15322	C ₁₃ H ₁₂	Diphenylmethane	265.6	Nonazeotrope		535
15323	C ₁₅ H ₃₃ BO ₃	Isoamyl borate	255	< 250.8		557

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₁₀H₁₀O₂	Methyl Cinnamate	261.95			
15324	C ₁₀ H ₁₂ O ₂	Eugenol	255.0	Nonazeotrope		556
15325	C ₁₀ H ₁₂ O ₂	Isoeugenol	268.8	Nonazeotrope		535
15326	C ₁₀ H ₁₁ O	Thymol	232.9	Nonazeotrope		575
15327	C ₁₀ H ₂₀ O ₂	Capric acid	~268.8	Nonazeotrope		575
15328	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)ethyl acetate	245.3	Nonazeotrope		575
15329	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1	Nonazeotrope		546
15330	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
15331	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.2	Nonazeotrope		557
15332	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		557
15333	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		546
15334	C ₁₂ H ₁₀	Biphenyl	255.9	Nonazeotrope		542
15335	C ₁₂ H ₁₀ O	Phenyl ether	259.3	258.8	17?	557
15336	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	260.5	47.5	549
15337	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
15338	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		575
15339	C ₁₃ H ₁₂	Diphenylmethane	265.6	261.55	~ 95	573
A =	C₁₀H₁₀O₂	Safrole	235.9			
15340	C ₁₀ H ₁₂ O	Anethole	235.7	234.65	60	527
15341	C ₁₀ H ₁₂ O ₂	Ethyl α-toluate	228.75	Nonazeotrope		557
15342	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		557
		"	231.2	228	40	563
15343	C ₁₀ H ₁₄ N ₂	Nicotine	247.5	Nonazeotrope		575
15344	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		556
15345	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
15346	C ₁₀ H ₁₄ O	Thymol	232.8	Nonazeotrope		529
15347	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
15348	C ₁₀ H ₁₆ O	Menthenone	222.5	Nonazeotrope		564
15349	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		575
15350	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		575
15351	C ₁₀ H ₁₈ O	Geraniol	235.9	Nonazeotrope		545
15352	C ₁₀ H ₁₈ O	α-Terpineol	218.85	Nonazeotrope		575
15353	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	Nonazeotrope		557
15354	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		545
15355	C ₁₀ H ₂₂ O	Decyl alcohol	235.9	Nonazeotrope		545
15356	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		537
15357	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
15358	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	255.2	Nonazeotrope		535
15359	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope		557
15360	C ₁₁ H ₁₄ O ₂	Ethyl β-phenylpropionate	248.1	Nonazeotrope		557
15361	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		557
15362	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		551
15363	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	< 231.8		557
		"	232.2	Nonazeotrope		548

TABLE I. *Binary Systems*

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No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₀H₁₀O₂	Safrole (<i>continued</i>)	235.9			
15364	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		557
A =	C₁₀H₁₀O₄	Methyl Phthalate	283.2			
15365	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.0	Nonazeotrope		549
15366	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4-propenylbenzene	270.5	Nonazeotrope		557
15367	C ₁₂ H ₁₀	Acenaphthene	277.9	276.35	33.5	542
15368	C ₁₂ H ₁₀	Biphenyl	255.9	Nonazeotrope		546
15369	C ₁₂ H ₁₀ O	Phenyl ether	259.0	Nonazeotrope		557
15370	C ₁₇ H ₁₆ O ₂	Isoamyl salicylate	277.5	Nonazeotrope		575
15371	C ₁₃ H ₁₂	Diphenylmethane	265.6	Nonazeotrope		546
15372	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	< 282.5		557
15373	C ₁₄ H ₁₄	1,2-Diphenylethane	284	280.5	53	546
15374	C ₁₁ H ₁₄ O	Benzyl ether	297	Nonazeotrope		557
A =	C₁₀H₁₂O	Anethole	235.7			
15375	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.85	Nonazeotrope		557
15376	C ₁₀ H ₁₄ O	Carvacrol	237.85	Nonazeotrope		556
15377	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		552
15378	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		575
15379	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
15380	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		575
15381	C ₁₀ H ₁₆ O	α-Terpineol	218.85	Nonazeotrope		575
15382	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		575
15383	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		575
15384	C ₁₁ H ₂₂ O	Decyl alcohol	232.8	< 232.6 < 78		575
15385	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		558
15386	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
15387	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		557
A =	C₁₀H₁₂O	Estragole	215.6			
15388	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		575
A =	C₁₀H₁₂O₂	Ethyl α-Toluate	288.75			
15389	C ₁₀ H ₁₂ O ₂	Propyl benzoate	230.9	228.7	97	529
		"	230.85	Nonazeotrope		549
15390	C ₁₀ H ₁₄ O	Carvacrol	237.85	238.3	20	575
15391	C ₁₀ H ₁₄ O	Carvone	231.0	228.6	93	552
15392	C ₁₀ H ₁₄ O	Thymol	232.8	235.75	37.5	529
15393	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0	Nonazeotrope		557
15394	C ₁₀ H ₁₆ O	Carvenone	234.5	Nonazeotrope		552
15395	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		552
15396	C ₁₀ H ₁₈ O	Geraniol	229.6	228.1	70	529
15397	C ₁₀ H ₁₆ O	α-Terpineol	217.8	Nonazeotrope		536
15398	C ₁₀ H ₂₀ O	Citronellol	224.5	Nonazeotrope		536
15399	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		575
15400	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)ethyl acetate	245.3	Nonazeotrope		551
15401	C ₁₀ H ₂₂ O	Decyl alcohol	232.9	228.55	94	529

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₀H₁₂O₂	Ethyl α-Toluate (continued)	288.75			
15402	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		537
15403	C ₁₁ H ₁₂	2-Methylnaphthalene	241.15	Nonazeotrope		575
15404	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		575
15405	C ₁₁ H ₁₀ O	Methyl thymol ether	216.5	Nonazeotrope		557
15406	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	228.5	227.9		573
15407	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	226.6	44	549
A =	C₁₀H₁₂O₂	Eugenol	254.8			
15408	C ₁₀ H ₁₄ O	Carvone	231.0	Nonazeotrope		575
15409	C ₁₀ H ₁₀ O	Menthenone	222.5	Nonazeotrope		575
15410	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		575
15411	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		556
15412	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
15413	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxy- benzene	255.2	255.3	~ 45	574
15414	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		548
15415	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	Nonazeotrope		535
15416	C ₁₁ H ₁₀ O	<i>p</i> - <i>tert</i> -Amylphenol	266.5	Nonazeotrope		575
15417	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	< 254.5		551
15418	C ₁₂ H ₁₀	Biphenyl	255.0	253.5	50?	556
15419	C ₁₂ H ₁₀ O	Phenyl ether	259.3	254.9	~ 97	574
15420	C ₁₂ H ₁₀ O ₂	Isoamyl benzoate	262.05	Nonazeotrope		556,574
15421	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		556
A =	C₁₀H₁₂O₂	Isoeugenol	268.8			
15422	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		575
15423	C ₁₁ H ₁₂ O ₂	Ethyl cinnamate	272.5	Nonazeotrope		548
15424	C ₁₁ H ₁₄ O ₂	1,2-Dimethoxy-4- propenylbenzene	270.5	Nonazeotrope		535
15425	C ₁₁ H ₁₀ O	<i>p</i> - <i>tert</i> -Amylphenol	266.5	Nonazeotrope		575
15426	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		575
15427	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		556
15428	C ₁₂ H ₁₀	Biphenyl	255.0	Nonazeotrope		556
15429	C ₁₂ H ₁₀ O	Phenyl ether	259.3	Nonazeotrope		571
15430	C ₁₂ H ₁₀ O ₂	Isoamyl benzoate	262.05	Nonazeotrope		535
15431	C ₁₂ H ₁₀ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
15432	C ₁₃ H ₁₂	Diphenylmethane	265.5	264.7	20?	556
15433	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope		575
A =	C₁₀H₁₂O₂	Propyl Benzoate	230.85			
15434	C ₁₀ H ₁₄ O	Carvacrol	237.85	238.85	18	562
15435	C ₁₀ H ₁₄ O	Carvone	231.0	231.5?	50	552
15436	C ₁₀ H ₁₄ O	Thymol	232.8	235.5	45	529
15437	C ₁₀ H ₁₀ O	Carvenone	234.5	Nonazeotrope		552
15438	C ₁₀ H ₁₆ O	Citral	226	Nonazeotrope		563
15439	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		552
15440	C ₁₀ H ₁₈ O	Geraniol	229.5	228.0	~ 45	563
15441	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		575

TABLE I. *Binary Systems*

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No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₀H₁₂O₂	Propyl Benzoate (continued)	230.85			
15442	C ₁₀ H ₂₀ O	Citronellol	224.5	Nonazeotrope		536
15443	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		575
15444	C ₁₀ H ₂₀ O ₄	2-(2-Butoxyethoxy)ethyl acetate	245.3	Nonazeotrope		575
15445	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.5	230.7	~ 75	528
15446	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		537
15447	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
15448	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	< 230.8		549
A =	C₁₀H₁₄	Butylbenzene	183.1			
15449	C ₁₀ H ₁₄	Cymene	176.7	Nonazeotrope		561
15450	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		561
15451	C ₁₀ H ₁₆	Terpinolene	184.6	182.2	65	561
15452	C ₁₀ H ₁₈ O	Borneol	215	Nonazeotrope		575
15453	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		548
15454	C ₁₀ H ₁₈ O	Citronellal	208.0	Nonazeotrope		575
15455	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575
15456	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		575
15457	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		558
15458	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		558
A =	C₁₀H₁₄	Cymene	176.7			
15459	C ₁₀ H ₁₆	Camphene	159.6	Nonazeotrope		561
15460	C ₁₀ H ₁₆	Dipentene	177.7	175.8	60	561
15461	C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	174.5	75	563
15462	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		561
15463	C ₁₀ H ₁₆	α -Terpinene	173.4	173.0	20	561
15464	C ₁₀ H ₁₈ O	Cineole	176.35	176.2	45	558
15465	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		537
15466	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		575
15467	C ₁₀ H ₂₂ O	Isoamyl ether	172.6	Nonazeotrope		537
15468	C ₁₀ H ₂₃ N	Diisoamylamine	188.2	Nonazeotrope		551
A =	C₁₀H₁₄	Isobutylbenzene	172.76			
15469	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0	Nonazeotrope		557
A =	C₁₀H₁₄N₂	Nicotine	247.5			
15470	C ₁₀ H ₁₄ O	Thymol	232.9	> 250.2	> 79	575
15471	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.4	Nonazeotrope		575
A =	C₁₀H₁₄O	Carvacrol	237.85			
15472	C ₁₀ H ₁₄ O	Carvone	231.0	242.2	> 58	552
15473	C ₁₀ H ₁₄ O	Thymol	232.9	Nonazeotrope		575
15474	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
15475	C ₁₀ H ₁₆ O	Carvenone	234.5	243.0	55	575
15476	C ₁₀ H ₁₆ O	Menthone	222.5	239.5	75	575
15477	C ₁₀ H ₁₆ O	Pulegone	223.8	328.4		552
15478	C ₁₀ H ₁₈ O	Geraniol	229.6	> 238.2	> 85	575
15479	C ₁₀ H ₁₈ O	Menthone	209.5	Nonazeotrope		575
15480	C ₁₀ H ₁₈ O	α -Terpineol	218.85	Nonazeotrope		575

In Azeotropic Data—III; Horsley, L.;

Advances in Chemistry; American Chemical Society: Washington, DC, 1973.

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₀H₁₄O	Carvacrol (continued)	237.85			
15481	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	251.5	25	575
15482	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	Nonazeotrope		575
15483	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		575
15484	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope		575
15485	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	243.85	33	562
15486	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		551
15487	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	> 239.0	> 62	575
15488	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		575
15489	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	238.2	75	562
A =	C₁₀H₁₄O	Carvone	230.95			
15490	C ₁₀ H ₁₄ O	Thymol	232.9	238.65	48	552
15491	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235	Nonazeotrope		537
15492	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		551
15493	C ₁₀ H ₁₅ O	Borneol	215.0	Nonazeotrope		552
15494	C ₁₀ H ₁₈ O	Geraniol	229.6	229.2	40	552
15495	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		552
15496	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		552
15497	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.8	230.85	81	552
15498	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		552
15499	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
15500	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		552
15501	C ₁₁ H ₁₆ O	<i>p</i> - <i>tert</i> -Amylphenol	265	Nonazeotrope		575
15502	C ₁₁ H ₁₇ N	<i>N</i> -Isoamylaniline	256.0	Nonazeotrope		575
15503	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	228.5	Nonazeotrope		573
		"	232.2	230.5	60	552
15504	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		552
A =	C₁₀H₁₄O	Thymol	232.9			
15505	C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene	235.0	Nonazeotrope		542
15506	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		531
15507	C ₁₀ H ₁₆ O	Camphor	209.1	233.3	84	552
		"	209.1	Nonazeotrope		542
15508	C ₁₀ H ₁₆ O	Carvenone	234.5	241.0	50	575
15509	C ₁₀ H ₁₆ O	Pulegone	223.8	235.3	65	552
15510	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		542
15511	C ₁₀ H ₁₈ O	Geraniol	229.6	325.6	57.5	529
15512	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575
15513	C ₁₀ H ₁₈ O	Menthone	209.5	233.2	92	575
15514	C ₁₀ H ₁₈ O	α -Terpineol	217.8	Nonazeotrope		529
15515	C ₁₀ H ₁₈ O ₄	Propyl succinate	250.5	Nonazeotrope		575
15516	C ₁₀ H ₂₀ O	Citronellol	224	233.8	~ 85	573
15517	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		542
15518	C ₁₀ H ₂₀ O ₂	Methyl pelargonate	213.8	Nonazeotrope		575
15519	C ₁₀ H ₂₂ O	<i>n</i> -Decyl alcohol	232.5	~ 234.5	~ 60	529
15520	C ₁₁ H ₁₀	1-Methylnaphthalene	242	Nonazeotrope		573
15521	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₀H₁₄O	Thymol (continued)	232.9			
15522	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	Nonazeotrope		575
15523	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.8	Nonazeotrope		542
15524	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	243.2	20	573
15525	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		575
15526	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		544
15527	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	236.25	~ 48	542
15528	C ₁₂ H ₁₀	Biphenyl	255.9	Nonazeotrope		542
15529	C ₁₂ H ₁₀ O	Phenyl ether	259.0	Nonazeotrope		575
15530	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	216	Nonazeotrope		544
15531	C ₁₂ H ₂₂ O ₂	Bornyl acetate	227.7	235.6	60	529
A =	C₁₀H₁₄O₂	<i>m</i>-Diethoxybenzene	235.4			
15532	C ₁₀ H ₁₅ N	Diethylaniline	217.05	Nonazeotrope		575
15533	C ₁₀ H ₁₈ O	Geraniol	229.7	Nonazeotrope		576
15534	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		575
15535	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	232.2		576
15536	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	< 231.0	> 33	557
15537	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		557
A =	C₁₀H₁₆N	Diethylaniline	217.05			
15538	C ₁₀ H ₁₆ O	Camphor	209.1	Nonazeotrope		551
15539	C ₁₀ H ₁₆ O	Citral	226	Reacts		563
15540	C ₁₀ H ₁₆ O	Pulegone	223.8	Nonazeotrope		551
15541	C ₁₀ H ₁₈ O	Borneol	215.0	< 214.8	< 20	551
		"	213.5	Nonazeotrope		542
15542	C ₁₀ H ₁₈ O	Geraniol	229.6	Nonazeotrope		551
15543	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		551
15544	C ₁₀ H ₁₈ O	α -Terpineol	218.85	215.5	56	551
15545	C ₁₀ H ₁₈ O	β -Terpineol	210.5	Nonazeotrope		551
15546	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		551
15547	C ₁₀ H ₂₀ O	Menthol	216.3	215.3	43.5	551
15548	C ₁₀ H ₂₂ O	Decyl alcohol	232.8	Nonazeotrope		551
15549	C ₁₁ H ₁₀	2-Methylnaphthalene	241.5	Nonazeotrope		527
15550	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	< 216.0	< 49	575
15551	C ₁₁ H ₂₀ O	Methyl α -terpinyl ether	216.2	< 215.0	< 48	551
15552	C ₁₁ H ₂₄ O ₂	Diisoamyloxymethane	210.8	Nonazeotrope		551
15553	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		551
A =	C₁₀H₁₆	Camphene	159.6			
15554	C ₁₀ H ₁₆	Dipentene	177.7	Nonazeotrope		561
15555	C ₁₀ H ₁₆	Nopinene	163.8	Nonazeotrope		561
15556	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		561
15557	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		537
15558	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.25	158	62	561
15559	C ₁₀ H ₂₂ N	Diisoamylamine	188.2	Nonazeotrope		551
15560	C ₁₂ H ₂₀ O ₂	Isobornyl acetate	225.8	Nonazeotrope		575
A =	C₁₀H₁₆	Dipentene	177.7			
15561	C ₁₀ H ₁₆	α -Pinene	155.8	Nonazeotrope		561
15562	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.%A	Ref.
A =	C₁₀H₁₆	Dipentene (continued)	177.7			
15563	C ₁₀ H ₂₂ O	Amyl ether	187.5	Nonazeotrope		558
15564	C ₁₀ H ₂₁ N	Diisoamylamine	188.2	Nonazeotrope		551
15565	C ₁₂ H ₂₀ O ₂	Isobornyl acetate	225.8	Nonazeotrope		575
A =	C₁₀H₁₆	<i>d</i>-Limonene	177.8			
15566	C ₁₀ H ₁₆	Terpinene	180.5	Nonazeotrope		563
15567	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		537
15568	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		529
15569	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		537
15570	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		537
15571	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	~193.5	Nonazeotrope		573
15572	C ₁₀ H ₂₂ O	Isoamyl ether	172.7	Nonazeotrope		563
A =	C₁₀H₁₆	Nopinene	163.8			
15573	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		561
15574	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		558
A =	C₁₀H₁₆	α-Phellandrene	171.5			
15575	C ₁₀ H ₁₈ O	Cineole	176.3	Nonazeotrope		563
A =	C₁₀H₁₆	α-Pinene	155.8			
15576	C ₁₀ H ₁₆	α -Terpinene	173.4	Nonazeotrope		561
15577	C ₁₀ H ₁₈ O	Borneol	155.8	Nonazeotrope		537
15578	C ₁₀ H ₂₂	2,7-Dimethyloctane	160.1	< 155.5	< 89	561
A =	C₁₀H₁₆	α-Terpinene	173.4			
15579	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		558
15580	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		575
15581	C ₁₀ H ₂₂	Decane	173.3	< 171.5	< 50	561
15582	C ₁₀ H ₁₈ O	Isoamyl ether	173.2	172.0	50	558
A =	C₁₀H₁₆	γ-Terpinene	180.5			
15583	C ₁₀ H ₁₈ O	Cineole	176.3	Nonazeotrope		563
15584	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		546
15585	C ₁₀ H ₂₂ O	Isoamyl ether	173.4	Nonazeotrope		548
A =	C₁₀H₁₆	Terpinolene	184.6			
15586	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	Nonazeotrope		575
15587	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		558
A =	C₁₀H₁₆	Thymene	179.7			
15588	C ₁₀ H ₁₈ O	Borneol	213.4	Nonazeotrope		537
15589	C ₁₀ H ₁₈ O	Cineole	176.35	Nonazeotrope		537
15590	C ₁₀ H ₁₈ O	Linalool	198.6	Nonazeotrope		574
15591	C ₁₀ H ₁₈ O	α -Terpineol	~217.8	Nonazeotrope		537
15592	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		540
15593	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	193.5	Nonazeotrope		573
A =	C₁₀H₁₆O	Camphor	208.9			
15594	C ₁₀ H ₁₇ Cl	Bornyl chloride	~210	Nonazeotrope		563
15595	C ₁₀ H ₁₈ O	Borneol	215.0	Nonazeotrope		552
15596	C ₁₀ H ₁₈ O	Citronellal	208.0	207.5		552

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₀H₁₆O	Camphor (<i>continued</i>)	208.9			
15597	C ₁₀ H ₁₈ O	Linalool	198.6		Nonazeotrope	552
15598	C ₁₀ H ₁₈ O	Menthone	207		Nonazeotrope	563
15599	C ₁₀ H ₂₀ O	Menthol	216.3		Nonazeotrope	552
15600	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	< 208.8		566
15601	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5		Nonazeotrope	575
15602	C ₁₁ H ₂₀ O	Methyl terpenyl ether	216.2		Nonazeotrope	552
15603	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	552
A =	C₁₀H₁₆O	Carvenone	234.5			
15604	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9		Nonazeotrope	552
15605	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2		Nonazeotrope	552
A =	C₁₀H₁₆O	Citral	226			
15606	C ₁₀ H ₁₈ O	Geraniol	229		Nonazeotrope	563
15607	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	575
A =	C₁₀H₁₆O	Fenchone	193			
15608	C ₁₁ H ₂₀ O	Methyl isobornyl ether	192.2	191		563
A =	C₁₀H₁₆O	Pulegone	223.8			
15609	C ₁₀ H ₁₇ Cl	Bornyl chloride	207.5		Nonazeotrope	552
15610	C ₁₀ H ₁₈ O	Borneol	215.0		Nonazeotrope	552
15611	C ₁₀ H ₁₈ O	α -Terpineol	218.85		Nonazeotrope	552
15612	C ₁₀ H ₂₀ O	Menthol	216.3		Nonazeotrope	552
15613	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5		Nonazeotrope	575
15614	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.3		Nonazeotrope	563
15615	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2		Nonazeotrope	552
15616	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5		Nonazeotrope	575
15617	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6		Nonazeotrope	552
A =	C₁₀H₁₇Cl	Bornyl Chloride	207.5			
15618	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8		Nonazeotrope	575
A =	C₁₀H₁₈	Decahydronaphthalene				
15619	C ₁₀ H ₂₂	Decane, 10 mm.			Nonazeotrope	v-1 893
		" 20 mm.			Nonazeotrope	v-1 893
		" 50 mm.			Nonazeotrope	v-1 893
A =	C₁₀H₁₈O	Borneol	211.8			
15620	C ₁₀ H ₁₈ O	Menthone	207		Nonazeotrope	563
15621	C ₁₀ H ₁₈ O	α -Terpineol	218.0		Nonazeotrope	545
15622	C ₁₀ H ₂₀ O	Menthol	216.4		Nonazeotrope	545
15623	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	< 214.0	< 62	575
15624	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	214.0	55	575
		"	216		Nonazeotrope	563
15625	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	212.2	62	545
15626	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	204.9		Nonazeotrope	575
A =	C₁₀H₁₆O	Cineole	176.35			
15627	C ₁₀ H ₁₈ O	α -Terpineol	218.85		Nonazeotrope	575
15628	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7		Nonazeotrope	557
15629	C ₁₀ H ₂₂ O	Isoamyl ether	173.2		Nonazeotrope	549

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₀H₁₈O	Cineole (continued)	176.35			
15630	C ₁₀ H ₂₃ N	Diisoamylamine	188.2	Nonazeotrope		551
A =	C₁₀H₁₈O	Citronellal	208.0			
15631	C ₁₀ H ₁₈ O	α-Terpineol	218.85	Nonazeotrope		575
15632	C ₁₀ H ₂₀ O	Citronellol	224.4	Nonazeotrope		575
15633	C ₁₀ H ₂₀ O	Menthol	216.3	Nonazeotrope		575
15634	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		575
A =	C₁₀H₁₈O	Geraniol	229.6			
15635	C ₁₀ H ₁₈ O	α-Terpineol	218.85	Nonazeotrope		575
15636	C ₁₀ H ₂₂ O	Decyl alcohol	232.9	Nonazeotrope		575
15637	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		537
15638	C ₁₁ H ₁₀ O	Methyl thymyl ether	216.5	Nonazeotrope		575
15639	C ₁₁ H ₂₀ O	Methyl α-terpineol ether	216.2	Nonazeotrope		575
15640	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	< 229.2	> 65	567
15641	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575
15642	C ₁₂ H ₂₀ O ₂	Bornyl acetate	228	Nonazeotrope		528
A =	C₁₀H₁₈O	Linalool	198.6			
15643	C ₁₀ H ₂₀ O ₂	Isoamyl isovalerate	192.7	< 192.4		575
15644	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.2	Nonazeotrope		576
15645	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		537
A =	C₁₀H₁₈O	Menthone	209.5			
15646	C ₁₀ H ₂₀ O	Menthol, 5 mm.		Nonazeotrope	v-l	323
		" 50 mm.		Nonazeotrope	v-l	323
		" 180 mm.		Nonazeotrope	v-l	323
A =	C₁₀H₁₈O	α-Terpineol	217.8			
15647	C ₁₀ H ₂₀ O	Menthol	216.4	Nonazeotrope		529
15648	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		540
15649	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527
15650	C ₁₁ H ₁₀ O	Methyl thymyl ether	216.5	< 215.5		575
15651	C ₁₁ H ₂₀ O	Methyl terpineol ether	216.2	Min. b.p.?		576
15652	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	Nonazeotrope		529
A =	C₁₀H₁₈O	β-Terpineol	210.5			
15653	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	Nonazeotrope		575
15654	C ₁₁ H ₂₀ O	Methyl terpineol ether	216.2	< 210	> 82	575
15655	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	210.0		575
A =	C₁₀H₁₆O₄	Propyl Succinate	250.5			
15656	C ₁₁ H ₁₀	1-Methylnaphthalene	245.1	Nonazeotrope		546
15657	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		575
15658	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxybenzene	254.7	Nonazeotrope		575
15659	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope		549
15660	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		575
15661	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		575
15662	C ₁₂ H ₁₀ O	Phenyl ether	259.0	< 250.0		557

No.	B-Component			Azeotropic Data			
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.	
A =	C₁₀H₂₀O	Citronellol	224.4				
15663	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		575	
15664	C ₁₁ H ₂₀ O	Methyl terpineol ether	216.2	Nonazeotrope		576	
15665	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	< 224.2		575	
15666	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	< 215.3		575	
15667	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		575	
A =	C₁₀H₂₀O	Menthol	216.3				
15668	C ₁₀ H ₂₀ O ₂	Ethyl caprylate	208.35	Nonazeotrope		575	
15659	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		537	
15670	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		575	
15671	C ₁₁ H ₂₀ O	Terpineol methyl ether	216.2	215.3	50	545	
15672	C ₁₁ H ₂₂ O ₂	Ethyl pelargonate	227	Nonazeotrope		575	
15673	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	214	~ 55	537	
15674	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		535	
A =	C₁₀H₂₀O₂	Capric Acid	268.8				
15675	C ₁₁ H ₁₀	1-Methylnaphthalene	244.6	Nonazeotrope		575	
15676	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		527	
15677	C ₁₂ H ₁₀ O	Phenyl ether	259.0	< 258.0	> 12	575	
15678	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	< 266.0	> 35	575	
15679	C ₁₂ H ₁₂	Diphenylmethane	265.4	262.5	28	562	
A =	C₁₀H₂₀O₂	Ethyl Caprylate	208.35				
15680	C ₁₀ H ₂₂ S	Isoamyl sulfide	214.8	Nonazeotrope		122	
15681	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	Nonazeotrope		557	
15682	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575	
A =	C₁₀H₂₀O₂	Isoamyl Isovalerate	192.7				
15683	C ₁₀ H ₂₂ O	Isoamyl ether	173.2	Nonazeotrope		557	
15684	C ₁₁ H ₂₀ O	Isobornyl methyl ether	192.4	< 192	< 55	557	
15685	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575	
15686	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		557	
15687	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		557	
A =	C₁₀H₂₀O₂	Methyl Pelargonate	213.8				
15688	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		575	
A =	C₁₀H₂₀O₄	2-(2-Butoxyethoxy) Ethyl Acetate	245.3				
15689	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate	248.1	< 245.0	> 82	575	
15690	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	< 241.7	> 10	575	
15691	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		575	
15692	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		575	
A =	C₁₀H₂₂	3,3,5-Trimethylheptane	155.68				
15693	C ₁₂ F ₂₇ N	Perfluorotributylamine	178.4	147.3	55 vol. %	609	
A =	C₁₀H₂₂O	Decyl Alcohol	~232.9				
15694	C ₁₁ H ₁₀	1-Methylnaphthalene	244.9	Nonazeotrope		537	
15695	C ₁₁ H ₁₀	2-Methylnaphthalene					
		1.5 mm.		68.85	5.2	v-1	955
		3.0 mm.		79.80	9.9	v-1	955

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₁₀H₂₂O	Decyl Alcohol (<i>continued</i>)	~232.9			
15696	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		536
15697	C ₁₁ H ₁₆ O	Methyl thymyl ether	216.5	Nonazeotrope		575
15698	C ₁₁ H ₂₀ O	Methyl terpineol ether	216.0	Nonazeotrope		575
15699	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	< 230.9	> 36	567
15700	C ₁₂ H ₁₀	Biphenyl	254.8	Nonazeotrope		540
15701	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		537
15702	C ₁₂ H ₂₀ O ₂	Bornyl acetate	228	Nonazeotrope		528
15703	C ₁₂ H ₂₆ O	Dodecyl alcohol, 20, 50, 100, 300 mm.		Ideal system	v-l	823
15704	C ₁₃ H ₁₂	Diphenylmethane	265.6	Nonazeotrope		537
A =	C₁₀H₂₂O	Isoamyl Ether	173.2			
15705	C ₁₀ H ₂₃ N	Diisoamylamine	188.2	Nonazeotrope		551
A =	C₁₀H₂₂OS	2-(2-Ethylhexylthio) ethanol				
15706	C ₁₂ H ₂₄ OS	2-(2-Ethylhexylthio) ethyl vinyl ether		Min. b.p.		953
A =	C₁₀H₂₂O₄	Tripropylene Glycol Methyl Ether	243			
15707	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15		< 50	270
A =	C₁₀H₂₂S	Isoamyl Sulfide	214.8			
15708	C ₁₁ H ₂₀ O	Methyl α -terpineol ether	216.2	213.8	70	566
15709	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	214.0	65	575
15710	C ₁₂ H ₂₂ O	Ethyl isobornyl ether	203.8	Nonazeotrope		566
A =	C₁₁H₁₀	1-Methylnaphthalene	244.6			
15711	C ₁₁ H ₁₀	2-Methylnaphthalene	241.15	Nonazeotrope		561
		"			v-l	441
		" 55 mm.			v-l	441
15712	C ₁₁ H ₁₄ O ₂	1-Allyl-3,4-dimethoxy- benzene	254.7	Nonazeotrope		548
15713	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.5	Nonazeotrope		546
15714	C ₁₁ H ₁₄ O ₂	Ethyl β -phenylpropionate	248.1	Nonazeotrope		575
15715	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	Nonazeotrope		532
15716	C ₁₁ H ₁₆ O	<i>p</i> - <i>tert</i> -Amylphenol	266.5	Nonazeotrope		575
15717	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		575
15718	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		546
15719	C ₁₁ H ₂₄ O	5-Ethyl-2-nonanol, 19 mm.		121	41.4	270,271
		" 50 mm.		143	25.2	270,271
		" 150 mm.		173	5.25	270,271
		" 200 mm.		179.5	2	270,271
		5-Ethyl-2-nonanol, 400 mm.		Nonazeotrope		270,271
15720	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		561
15721	C ₁₂ H ₁₀ O	Phenyl ether	259.0	Nonazeotrope		558
15722	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		575
15723	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.7	Nonazeotrope		535

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₁H₁₀	1-Methylnaphthalene	244.6			
		<i>(continued)</i>				
15724	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		561
A =	C₁₁H₁₀	2-Methylnaphthalene	241.15			
15725	C ₁₁ H ₁₄ O ₂	Butyl benzoate	249.0	Nonazeotrope		527
15726	C ₁₁ H ₁₄ O ₂	Ethyl β-phenylpropionate	248.1	Nonazeotrope		575
15727	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	240.8	60	527
15728	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		575
15729	C ₁₁ H ₂₂ O ₃	Isoamyl carbonate	232.2	Nonazeotrope		575
15730	C ₁₁ H ₂₄ O	5-Ethyl-2-nonanol,				
		20 mm.		120	49.8	270,271
		" 50 mm.		140.5	36.0	270,271
		" 90 mm.		157	24.5	270,271
		" 200 mm.		181.5	9.0	270,271
		" 300 mm.		193.5	3.5	270,271
		" 400 mm.		Nonazeotrope		270,271
15731	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		575
A =	C₁₁H₁₂O₂	Ethyl Cinnamate	272.0			
15732	C ₁₁ H ₁₄ O ₂	1,2-Dimethyl-4-propenyl- benzene	270.5	Nonazeotrope		557
		" "	270.5	270.4	~ 7	541
15733	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		546
15734	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		575
15735	C ₁₂ H ₁₀ O	Phenyl ether	259.3	Nonazeotrope		557
15736	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		545
15737	C ₁₂ H ₁₆ O ₂	Isoamyl salicylate	277.5	Nonazeotrope		575
15738	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	< 267.5	> 21	549
15739	C ₁₁ H ₁₂	Diphenylmethane	265.6	Nonazeotrope		546
15740	C ₁₁ H ₁₄	1,2-Diphenylethane	284	Nonazeotrope		546
A =	C₁₁H₁₄O₂	1-Allyl-3,4-				
		dimethoxybenzene	~249.8			
15741	C ₁₁ H ₁₄ O ₂	Butyl benzoate	254.7	Nonazeotrope		557
15742	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	242.15	Nonazeotrope		557
15743	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	250.5	58	551
15744	C ₁₂ H ₁₀	Biphenyl	255.0	254.5	70	558
15745	C ₁₂ H ₁₀ O	Phenyl ether	259.0	Nonazeotrope		549
15746	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05	Nonazeotrope		557
15747	C ₁₃ H ₁₂	Diphenylmethane	265.6	Nonazeotrope		535
A =	C₁₁H₁₄O₂	Butyl Benzoate	249.8			
15748	C ₁₂ H ₁₀	Biphenyl	255.9	Nonazeotrope		546
15749	C ₁₂ H ₁₀ O	Phenyl ether	259.3	Nonazeotrope		537,557
15750	C ₁₅ H ₃₃ BO ₃	Isoamyl borate	255	Nonazeotrope		575
A =	C₁₁H₁₄O₂	1,2-Dimethoxy-4-propenyl-				
		benzene	270.5			
15751	C ₁₁ H ₁₇ N	Isoamylaniline	256.0	Nonazeotrope		575
15752	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		548
15753	C ₁₂ H ₁₀ O	Phenyl ether	259.3	Nonazeotrope		535
15754	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05	Nonazeotrope		535,557

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
A =	C₁₁H₁₄O₂	1,2-Dimethoxy-4-propenyl-benzene (continued)	270.5			
15755	C ₁₂ H ₁₆ O ₂	Isoamyl salicylate	277.5	Nonazeotrope		575
15756	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		557
		" "	268.0	267.95	4	541
15757	C ₁₃ H ₁₂	Diphenylmethane	265.6	Nonazeotrope		535
A =	C₁₁H₁₄O₂	Ethyl β-phenylpropionate	248.1			
15758	C ₁₁ H ₁₄ O ₂	Isobutyl benzoate	241.9	Nonazeotrope		575
15759	C ₁₂ H ₁₀	Biphenyl	256.1	Nonazeotrope		575
15760	C ₁₂ H ₁₀ O	Phenyl ether	259.0	Nonazeotrope		557
A =	C₁₁H₁₆O	p-tert-Amylphenol	266.5			
15761	C ₁₂ H ₁₀	Acenaphthene	277.9	Nonazeotrope		575
15762	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
15763	C ₁₃ H ₁₀	Fluorene	295.	Nonazeotrope		575
15764	C ₁₃ H ₁₂	Diphenylmethane	265.4	263.0	40	575
15765	C ₁₁ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope		575
A =	C₁₁H₁₆O	Methyl Thymyl Ether	216.5			
15766	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		557
A =	C₁₁H₁₇N	Isoamylaniline	256.0			
15767	C ₁₂ H ₁₀	Biphenyl	256.1	< 255.0		575
15768	C ₁₂ H ₁₀ O	Phenyl ether	259.0	< 252.5		575
A =	C₁₁H₂₀O	Methyl α-Terpineol Ether	216.2			
15769	C ₁₂ H ₁₈	1,3,5-Triethylbenzene	215.5	Nonazeotrope		558
15770	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		557
A =	C₁₁H₂₂O₂	Methyl Caprate				
15771	C ₁₃ H ₂₆ O ₂	Methyl laurate				
		20-100 mm.		Nonazeotrope	v-1	825
A =	C₁₁H₂₂O₂	Isoamyl Carbonate	232.2			
15772	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	241.9	Nonazeotrope		575
15773	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.6	Nonazeotrope		542
A =	C₁₂H₁₈N	Carbazole	355			
15774	C ₁₄ H ₃₀	Tetradecanol		Nonazeotrope		272
		Low press.		Min. b.p.		272
15775	C ₁₇ H ₃₆ O	Heptadecanol		Nonazeotrope		272
		Low press.		Min. b.p.		272
A =	C₁₂H₁₀	Acenaphthene	277.9			
15776	C ₁₂ H ₁₄ O ₄	Ethyl phthalate	298.5	Nonazeotrope		575
15777	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		546
15778	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		542
15779	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		561
15780	C ₁₃ H ₁₆ O	Benzyl phenyl ether	286.5	Nonazeotrope		558
15781	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope		561
A =	C₁₂H₁₀	Biphenyl	255.9			
15782	C ₁₂ H ₁₀ O	Phenyl ether	259.3	Nonazeotrope		542
		" "	259	Nonazeotrope	v-1	470
15783	C ₁₂ H ₁₄ O ₄	Ethyl phthalate	298.5	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt. % A	Ref.
A =	C₁₂H₁₀	Biphenyl (<i>continued</i>)	255.9			
15784	C ₁₂ H ₁₀ O ₂	Isoamyl benzoate	262.0	Nonazeotrope		546
15785	C ₁₂ H ₁₀ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
15786	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		546
15787	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		561
15788	C ₂₄ H ₃₆ O ₄	Diocetyl phthalate, 10 mm.	248	Nonazeotrope		981
A =	C₁₂H₁₀O	Phenyl Ether	259			
15789	C ₁₂ H ₁₄ O ₄	Ethyl phthalate	298.5	Nonazeotrope		557
15790	C ₁₂ H ₁₆ O ₂	Isoamyl benzoate	262.05	258.9	90	557
15791	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
15792	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		541
15793	C ₁₃ H ₁₂	Diphenylmethane	265.6	Nonazeotrope		529
15794	C ₁₄ H ₁₄ O	Benzyl ether	297	Nonazeotrope		576
A =	C₁₂H₁₄O₂	Ethyl Phthalate	298.5			
15795	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		575
A =	C₁₂H₁₀O₂	Isoamyl Benzoate	262.0			
15796	C ₁₂ H ₁₆ O ₃	Isoamyl salicylate	277.5	Nonazeotrope		575
15797	C ₁₂ H ₂₂ O ₄	Isoamyl oxalate	268.0	Nonazeotrope		541
15798	C ₁₃ H ₁₂	Diphenylmethane	265.6	Nonazeotrope		535
A =	C₁₂H₁₆O₃	Isoamyl Salicylate	277.5			
15799	C ₁₃ H ₁₂	Diphenylmethane	265.4	Nonazeotrope		575
15800	C ₁₃ H ₁₂ O	Benzyl phenyl ether	286.5	Nonazeotrope		575
15801	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope		575
A =	C₁₂H₁₈	1,3,5-Triethylbenzene	215.5			
15802	C ₁₂ H ₂₀ O ₂	Bornyl acetate	227.2	Nonazeotrope		537
15803	C ₁₂ H ₂₂ O	Bornyl ethyl ether	204.9	Nonazeotrope		558
A =	C₁₂H₂₂O₄	Isoamyl Oxalate	268.0			
15804	C ₁₃ H ₁₂	Diphenylmethane	265.4	265.25	14	545
15805	C ₁₄ H ₁₄	1,2-Diphenylethane	284	Nonazeotrope		546
A =	C₁₂H₂₄	2,6,8-Trimethylnonene				
15806	C ₁₂ H ₂₀ O	2,6,8-Trimethyl-4-nonanol, 50 mm.	137	Nonazeotrope		981
		" 10 mm.	103	Nonazeotrope		981
A =	C₁₂H₂₆	Dodecane	216			
15807	C ₁₆ H ₃₄	Hexadecane, 10-760 mm.		Nonazeotrope	v-l	447
A =	C₁₂H₁₀	Fluorene	294			
15808	C ₁₄ H ₃₀ O	Tetradecanol, Low press.		Nonazeotrope		272
		High press.		Min. b.p.		272
15809	C ₁₇ H ₃₆ O	Heptadecanol, Low press.		Nonazeotrope		272
		High press.		Min. b.p.		272
A =	C₁₂H₁₀O₂	Phenyl Benzoate	315			
15810	C ₁₄ H ₁₂	Stilbene	306.5	Nonazeotrope		575

No.	B-Component			Azeotropic Data		
	Formula	Name	B.P., °C	B.P., °C	Wt.% A	Ref.
	A = C₁₃H₁₀O₂	Phenyl Benzoate (<i>continued</i>)				
15811	C ₁₄ H ₁₄ O	Benzyl ether	297	Nonazeotrope		557
	A = C₁₃H₁₂O	Benzyl Phenyl Ether	286.5			
15812	C ₁₄ H ₁₄	1,2-Diphenylethane	284.5	Nonazeotrope		558
	A = C₁₃H₂₀O₂	Methyl Laurate				
15813	C ₁₅ H ₃₀ O ₂	Methyl myristate 20-100 mm.		Nonazeotrope	v-l	825
	A = C₁₄H₁₀	Phenanthrene	340			
15814	C ₁₄ H ₁₄	Bibenzyl	284	Nonazeotrope	v-l	645
15815	C ₁₄ H ₃₀ O	Tetradecanol		% Phenanthrene increases with pressure; min. b.p.		272
15816	C ₁₆ H ₃₄	Hexadecane 100 mm.		Nonazeotrope	v-l	645
15817	C ₁₇ H ₃₀ O	Heptadecanol		% Phenanthrene increases with pressure; min. b.p.		272
	A = C₁₄H₁₄	Bibenzyl	284			
15818	C ₁₆ H ₃₄	Hexadecane 100 mm.	209.5	200	76.3 v-l	645
	A = C₁₆H₃₀O₂	Methyl Myristate				
15819	C ₁₇ H ₃₄ O ₂	Methyl palmitate 20-100 mm		Nonazeotrope	v-l	825
	A = C₁₆H₃₂O₂	Palmitic Acid				
15820	C ₁₈ H ₃₆ O ₂	Stearic acid, 5 mm.			v-l	391
	A = C₁₇H₃₄O₂	Methyl Palmitate				
15821	C ₁₉ H ₃₈ O ₂	Methyl stearate 20-100 mm.		Nonazeotrope	v-l	825
	A = C₁₈H₃₄O₂	Oleic Acid				
15822	C ₁₈ H ₃₄ O ₂	Ricinoleic acid, 5 mm.			v-l	391
15823	C ₁₈ H ₃₆ O ₂	Stearic acid, 5 mm.			v-l	391
15824	C ₂₀ H ₄₀ O ₂	Abietic acid, 1-10 mm.		Nonazeotrope	v-l	454
	A = C₁₉H₃₈O₂	Methyl Oleate				
15825	C ₁₉ H ₃₈ O ₂	Methyl stearate		Nonazeotrope	v-l	824

Table II.

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
15826	A	Argon	—186	N ₂	Nitrogen	—195
15827	BCl ₃	Boron chloride	11.5	B ₂ H ₆	Boron hydride	— 92.5
15827a	BeF ₂	Beryllium fluoride		FLi	Lithium fluoride	1670
15828	BrH	Hydrobromic acid	— 67	H ₂ O	Water	100
		"			"	
15828a	CHN	Hydrocyanic acid	26	C ₂ H ₃ N	Acetonitrile	81.6
15828b	CHN	Hydrocyanic acid	26	C ₃ H ₃ N	Acrylonitrile	77.3
15828c	CO	Carbon monoxide	—192	CO ₂	Carbon dioxide	— 79.1
15829	CO	Carbon monoxide	—192	H ₂	Hydrogen	—252.7
15830	ClF ₃	Chlorine trifluoride		FH	Hydrogen fluoride	19.4
15831	ClH	Hydrochloric acid	— 80	H ₂ O	Water	100
		"			"	
15831a	ClH	Hydrochloric acid	— 80	H ₂ O	Water	100
	"	"		"	"	
15832	ClH	Hydrochloric acid	— 80	H ₂ O	Water	100
15833	ClH	Hydrochloric acid	— 80	C ₅ H ₅ N	Pyridine	115.5
15834	POCl ₃	Phosphorus oxychloride	107.2	VOCl ₃	Vanadium oxychloride	127.2
15834a	Cl ₄ Si	Silicon tetrachloride	56.7	C ₃ H ₇ ClSi	Chlorotrimethylsilane	57.5
15834b	Cl ₄ Si	Silicon tetrachloride	56.7	C ₃ H ₇ ClSi	Chlorotrimethylsilane	57.5
15835	FH	Hydrofluoric acid	19.4	FHSO ₃	Fluorosulfuric acid	
15836	FH	Hydrofluoric acid	19.4	F ₆ H ₂ Si	Fluosilicic acid	
15837	FH	Hydrofluoric acid	19.4	H ₂ O	Water	100
15838	FH	Hydrofluoric acid	19.5	H ₂ O	Water	100
15839	FH	Hydrofluoric acid	19.4	SO ₂	Sulfur dioxide	— 10
		"		" "	" "	
15839a	FH	Hydrofluoric acid	19	C ₂ Cl ₃ F ₃	1,1,2-Trichlorotri fluoroethane	47
15840	F ₆ Si	Silicon tetrafluoride		C ₂ F ₆	Hexa- fluoroethane	— 78
15841	HNO ₃	Nitric acid	86	H ₂ O	Water	100
15842	HNO ₃	Nitric acid		H ₂ O	Water	100
15842a	H ₂ O	Water	100	H ₂ S	Hydrogen sulfide	— 63.5
15843	H ₂ O	Water	100	H ₄ N ₂	Hydrazine	113.5
15844	H ₂ O	Water	100	SO ₂	Sulfur dioxide	— 10

Ternary Systems

C-Component			Azeotropic Data					
Formula	Name	B.P., °C.		B.P., °C.	Wt. % A	Wt. % B	Wt. % C	Ref.
O ₂	Oxygen	-183	90°-120°K.		Nonazeotrope		v-l	685c
ClH	Hydrogen chloride	-80			Nonazeotrope			638
F ₂ Th	Thorium tetrafluoride				Nonazeotrope		v-l	896c
C ₆ H ₅ Cl	Chlorobenzene	131.8		105	10.4	11.0	78.6	215
	"		100 mm	56.4	12.2	12.3	75.5	215
C ₃ H ₄ O	Acrolein	52.45			Nonazeotrope		v-l	905f
C ₃ H ₄ O	Acrolein	52.45	400 mm		Nonazeotrope		v-l	905f
H ₂	Hydrogen	-252.7	200 atm		Nonazeotrope		v-l	966c
N ₂	Nitrogen	-195.8			20 atmos. to crit. pt.		v-l	6
F ₆ U	Uranium hexafluoride	56			Nonazeotrope		v-l	238,828
C ₆ H ₅ Cl	Chlorobenzene	131.8		96.9	5.3	20.2	74.5	762
	"		100 mm	49.5	4.8	15.9	79.3	215
C ₆ H ₅ ClO	<i>o</i> -Chlorophenol		120 mm	62.6	14	47	39	215
"	"	175	750 mm	105.0	13	48	39	215
C ₆ H ₅ O	Phenol	182		107.33	15.8	64.8	19.4	762
C ₁₀ H ₈	Naphthalene	218.1		189.6				942
TiCl ₄	Titanium tetrachloride	136.4			Nonazeotrope		v-l	702
C ₂ H ₅ ClO ₂	Ethyl chloroacetate	143.5			Nonazeotrope		v-l	886e
C ₂ H ₅ Cl ₂ O	Bis(2-chloroethyl) ether	178	60°C.		Nonazeotrope		v-l	886c
H ₂ O	Water	100					v-l	433
H ₂ O	Water	100		116.1	10	36	54	670
C ₂ H ₅ O	Ethyl alcohol	78.3		103	30	10	60	135
C ₂ HF ₃ O ₂	Perfluorobutyric acid			108	12	28	60	659
CCl ₂ F ₂	Dichlorodifluoromethane			-36				48
	" "	44 p.s.i.g		4	3.5	12	84	48
C ₃ F ₆ O	Hexafluoroacetone			13	8.6	20.1	71.3	101c
C ₂ H ₆	Ethane	-88		-104	24.6	32.7	42.7	120
SO ₂	Sulfur trioxide	47			Vapor pressure data			563
CHCl ₃	Chloroform	61			92	3	5	738
H ₂ N	Ammonia	-33	600 mm		Nonazeotrope		v-l	326e
C ₂ H ₅ N ₂	1,1-Dimethylhydrazine				Nonazeotrope		v-l	656,736
C ₂ H ₄ O	Acetaldehyde	20.2					v-l	777

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
15845	H ₂ O	Water	100	CCl ₄	Carbon tetra- chloride	76.75
15846	H ₂ O	Water	100	CCl ₄	Carbon tetra- chloride	76.75
15847	H ₂ O	Water	100	CCl ₄	Carbon tetra- chloride	76.75
		"			"	
15848	H ₂ O	Water	100	CCl ₄	Carbon tetra- chloride	76.75
15849	H ₂ O	Water	100	CCl ₄	Carbon tetrachloride	76.75
		"			"	
15850	H ₂ O	Water	100	CCl ₄	Carbon tetrachloride	76.75
15851	H ₂ O	Water	100	CCl ₄	Carbon tetrachloride	76.75
15851a	H ₂ O	Water	100	CCl ₄	Carbon tetrachloride	76.7
15852	H ₂ O	Water	100	CCl ₄	Carbon tetrachloride	76.75
15853	H ₂ O	Water	100	CS ₂	Carbon disulfide	46.25
15854	H ₂ O	Water	100	CS ₂	Carbon disulfide	46.25
15855	H ₂ O	Water	100	CS ₂	Carbon disulfide	46.25
15856	H ₂ O	Water	100	CS ₂	Carbon disulfide	46.25
15857	H ₂ O	Water	100	CS ₂	Carbon disulfide	46.25
15858	H ₂ O	Water	100	CHBrCl ₂	Bromodichloro- methane	90.2
15859	H ₂ O	Water	100	CHBrCl ₂	Bromodichloro- methane	90.2
15860	H ₂ O	Water	100	CHBrCl ₂	Bromodichloro- methane	90.2
15861	H ₂ O	Water	100	CHBrCl ₂	Bromodichloro- methane	90.2
15862	H ₂ O	Water	100	CHCl ₃	Chloroform	61
15863	H ₂ O	Water	100	CHCl ₃	Chloroform	61
15864	H ₂ O	Water	100	CHCl ₃	Chloroform	61
		"			"	
15865	H ₂ O	Water	100	CHCl ₃	Chloroform	61
15866	H ₂ O	Water	100	CHCl ₃	Chloroform	61
		"			"	
		"			"	
15867	H ₂ O	Water	100	CHCl ₃	Chloroform	61
15868	H ₂ O	Water	100	CHCl ₃	Chloroform	61
15868a	H ₂ O	Water	100	CHCl ₃	Chloroform	61
15869	H ₂ O	Water	100	CH ₂ Cl ₂	Dichloromethane	41.5
15870	H ₂ O	Water	100	CH ₂ Cl ₂	Dichloromethane	40
15871	H ₂ O	Water	100	CH ₂ O ₂	Formic acid	100.8
15872	H ₂ O	Water	100	CH ₂ O ₂	Formic acid	100.8
		"	"		"	"
15872a	H ₂ O	Water	100	CH ₂ O ₂	Formic acid	100.8

TABLE II. Ternary Systems

C-Component		Azeotropic Data					Ref.	
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C		
C ₂ H ₃ N	Acetonitrile	81.6	60				763	
C ₂ H ₅ ClO	2-Chloroethanol	128.8		min. b.p.			479	
C ₂ H ₆ O	Ethyl alcohol	78.3	62	4.5	85.5	10	563	
	" "		61.8	3.4	86.3	10.3	382	
C ₃ H ₆ O	Acetone	57		Nonazeotrope			29	
C ₃ H ₈ O	Allyl alcohol	96.95	65.15	5	84	11	563	
	" "		65.4	4.13	90.43	5.44	358	
C ₃ H ₈ O	Propyl alcohol	97.2	65.4	5	84	11	563	
C ₄ H ₈ O	2-Butanone	79.6	65.7	3	74.8	22.2	29	
C ₄ H ₁₀ O	sec-Butyl alcohol	99	65	4.05	91.0	4.95	623c	
C ₄ H ₁₀ O	tert-Butyl alcohol	82.5	64.7	3.1	85.0	11.9	29	
CH ₄ O	Methanol	64.7		Nonazeotrope			29	
C ₂ H ₃ N	Acetonitrile	81.6	39				763	
C ₂ H ₆ O	Ethyl alcohol	78.3	41.3	1.6	93.4	5.0	324	
C ₃ H ₆ O	Acetone	56.4	38.042	0.81	75.21	23.98	947	
C ₄ H ₈ O ₂	Dioxane	101.4		Nonazeotrope			201	
C ₂ H ₆ O	Ethyl alcohol	78.3	72.0	7.5	>70	<22.5	563	
C ₃ H ₈ O	Allyl alcohol	96.95	76				563	
C ₃ H ₈ O	Isopropyl alcohol	82.45	~ 74.5				563	
C ₄ H ₁₀ O	Isobutyl alcohol	108	77.5				563	
CH ₂ O ₂	Formic acid	100.75		Nonazeotrope		v-l	171	
CH ₄ O	Methanol	64.7	52.3	1.3	90.5	8.2	498i	
C ₂ H ₃ N	Acetonitrile	81.6		Nonazeotrope			981	
	" "			Min. b.p.			763	
C ₂ H ₄ O ₂	Acetic acid	118.1		Nonazeotrope		v-l	171	
C ₂ H ₆ O	Ethyl alcohol	78.3	78.0	3.9	91.2	4.9	982	
	" "		55.3	2.3	94.2	3.5	497	
	" "		55.4	3.5	92.5	4	1000	
C ₃ H ₆ O	Acetone	56.4	60.4?	40	57.6	38.4	803	
C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope			981	
C ₆ H ₁₀ O	2-Methyl-3-buten-2-ol	97		Nonazeotrope			581c	
C ₂ H ₆ O	Ethyl alcohol	78.3		Nonazeotrope			36	
C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope		v-l	620	
C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7		Nonazeotrope		v-l	112	
C ₂ H ₄ O ₂	Acetic acid	118.1	50 mm	40.4	26.2	39.1	65.3 v-l	507e
" "	" "	118.1	200 mm	69.8	23.4	45.7	30.9 v-l	507e
C ₃ H ₆ O ₂	Propionic acid	140.7	107.2	18.6	71.9	9.5	v-l	507g

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
15872b	H ₂ O	Water	100	CH ₂ O ₂	Formic acid	100.8
15872c	H ₂ O	Water	100	CH ₂ O ₂	Formic acid	100.8
15873	H ₂ O	Water	100	CH ₂ O ₂	Formic acid	100.75
15873a	H ₂ O	Water	100	CH ₂ O ₂	Formic acid	100.8
15873b	H ₂ O	Water	100	CH ₂ O ₂	Formic acid	100.8
15874	H ₂ O	Water	100	CH ₂ O ₂	Formic acid	100.8
		"			" "	
		"			" "	
15875	H ₂ O	Water	100		Formic acid	100.75
15876	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101
15877	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.5
15878	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101
		"			"	
15879	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101
15880	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.2
15881	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.2
15882	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.2
15883	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.2
15884	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.2
15885	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.2
		"			"	
15886	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.2
15887	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.5
		"			"	
15888	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.2
15889	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.5
		"			"	
15890	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.2
15891	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.2
		"			"	
15892	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.5
15893	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.5
15894	H ₂ O	Water	100	CH ₃ NO ₂	Nitromethane	101.5
15895	H ₂ O	Water	100	CH ₄ O	Methanol	64.3
15896	H ₂ O	Water	100	CH ₄ O	Methanol	64.7
15897	H ₂ O	Water	100	CH ₄ O	Methanol	64.7
15898	H ₂ O	Water	100	CH ₄ O	Methanol	64.7
15899	H ₂ O	Water	100	CH ₄ O	Methanol	64.7
		"			"	
15900	H ₂ O	Water	100	CH ₄ O	Methanol	64.7
15901	H ₂ O	Water	100	CH ₄ O	Methanol	64.7
15902	H ₂ O	Water	100	CH ₄ O	Methanol	64.7
15902a	H ₂ O	Water	100	CH ₄ O	Methanol	64.3

TABLE II. Ternary Systems

C-Component			Azeotropic Data					Ref.
Formula	Name	B.P., °C.		B.P., °C.	Wt. % A	Wt. % B	Wt. % C	
C ₄ H ₈ O ₂	Butyric acid	162.4		107.62	19.5	75.9	4.6	507i
C ₄ H ₈ O ₂	Isobutyric acid	154		107.02	15.5	66.8	17.7	507i
C ₅ H ₈ N	Pyridine	115.5		Nonazeotrope			v-l	1058
C ₅ H ₁₀ O ₂	Isovaleric acid	176.5		107.64	21.3	76.3	2.4	507i
C ₅ H ₁₀ O ₂	Valeric acid	186		Nonazeotrope				507i
C ₆ H ₆	Benzene	80.1	499 mm	60	3.43	6.76	89.83	979
	"		278.1 mm	45	3.16	6.34	90.49	979
	"		144.4 mm	30	4.07	6.27	89.65	979
C ₈ H ₁₀	<i>m</i> -Xylene	139		97.5?	10.6	40.4	49.0	803
C ₂ Cl ₄	Tetrachloroethylene	120.8		77.84				611
C ₂ H ₅ ClO	2-Chloroethanol	128.8		Nonazeotrope				479
C ₃ H ₈ O	Isopropyl alcohol	82.3			11.7	36.8	51.5	480
	"			78	6	32	62	858
	"			Liquid-vapor equilibrium				858
C ₃ H ₈ O	Propyl alcohol	97.2		82.3	17.5	55.9	26.6 v-l	285
C ₅ H ₁₀ O	3-Pentanone	102.2		82.4	18?	17?	65?	563
C ₅ H ₁₂	Pentane	36.07		33.1	2.1	6.5	91.4	806
C ₆ H ₁₂	1-Hexene	63.84		55.5	5.8	12.8	82.0	806
C ₆ H ₁₄	Hexane	68.74		56.9	6.7	16.0	77.3	806
C ₇ H ₁₄	1-Heptene	93.64		69.7	13.4	26.1	60.5	806
C ₇ H ₁₆	Heptane	98.43		70.6	10.6	34.2	55.2	806
	"		748 mm	71.43	7.88	29.73	62.39	613
C ₈ H ₁₆	1-Octene	121.28		77.4	14.2	41.8	44.0	806
C ₈ H ₁₈	Octane	125.7	748 mm	77.35	12.40	44.25	43.35	613
	"			77.7	15.1	43.3	41.6	806
C ₉ H ₁₈	1-Nonene	146.87		81.1	21.9	54.3	23.8	806
C ₉ H ₂₀	Nonane	150.8	748 mm	80.72	17.4	58.3	24.3	613
	"			80.7	19.4	55.8	24.2	806
C ₁₀ H ₂₀	1-Decene	170.57		82.5	29.2	57.8	13.0	806
C ₁₀ H ₂₂	Decane	174.12		82.5	22.7	64.2	13.1	806
	"		748 mm	82.35	19.1	68.1	12.8	613
C ₁₁ H ₂₂	Undecane	194.5	748 mm	82.82	20.6	73.3	6.1	613
C ₁₂ H ₂₆	Dodecane	214.5	748 mm	83.13	21.5	75.3	3.2	613
C ₁₃ H ₂₈	Tridecane	234	748 mm	83.21	22.8	75.4	1.8	613
C ₂ Cl ₃ F ₃	1,1,2-Trichlorotrifluoroethane	47.5		39.4	0.6	3.0	96.4	982
C ₂ H ₆ O	Ethyl alcohol	78.3		Nonazeotrope			v-l	198
C ₃ H ₆ ClO ₂	Methyl chloroacetate	131.4		67.85	5.26	81.20	13.54	121
C ₃ H ₆ O	Propionaldehyde	47.9		Nonazeotrope				981
C ₃ H ₈ O ₂	Methyl acetate	57		Nonazeotrope				359
	"	57.1		Nonazeotrope			v-l	179,36i
C ₃ H ₈ O	Isopropyl alcohol	82.3		Nonazeotrope				981
C ₃ H ₈ O ₂	Methylal	42.3		Nonazeotrope				324,581c
C ₄ H ₆ O ₂	Methyl acrylate	80.9		Nonazeotrope				981
C ₄ H ₆ O ₂	Vinyl acetate			Nonazeotrope			v-l	830c

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
15903	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15904	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15905	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15905a	H ₂ O	Water	100	CH ₃ O	Methanol	64.3
15906	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15907	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
		"				
15908	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15909	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15909a	H ₂ O	Water	100	CH ₃ O	Methanol	64.3
15909b	H ₂ O	Water	100	CH ₃ O	Methanol	64.3
15910	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15911	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15912	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15913	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15914	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15915	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15916	H ₂ O	Water	100	CH ₃ O	Methanol	64.7
15917	H ₂ O	Water	100	C ₂ Cl ₃ F ₃	1,1,2-Trichlorotri- fluoroethane	47.5
15918	H ₂ O	Water	100	C ₂ Cl ₄	Tetrachloro- ethylene	120.8
15919	H ₂ O	Water	100	C ₂ Cl ₄	Tetrachloro- ethylene	120.8
		"			"	
15920	H ₂ O	Water	100	C ₂ HCl ₃	Trichloro- ethylene	86.95
		"			"	
15921	H ₂ O	Water	100	C ₂ HCl ₃	Trichloroethylene	86.95
		"			"	
15922	H ₂ O	Water	100	C ₂ HCl ₃	Trichloroethylene	86.95
		"			"	
		"			"	
		"			"	
15923	H ₂ O	Water	100	C ₂ HCl ₃	Trichloroethylene	86.95
		"			"	
15924	H ₂ O	Water	100	C ₂ HCl ₃	Trichloroethylene	86.95
		"			"	
15925	H ₂ O	Water	100	C ₂ HCl ₃	Trichloroethylene	86.2
		"			"	
15926	H ₂ O	Water	100	C ₂ HCl ₃	Trichloroethylene	86.2

TABLE II. Ternary Systems

C-Component			Azeotropic Data				Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	
C ₄ H ₈ O ₂	Ethyl acetate	77.1		Nonazeotrope			v-l 7
C ₄ H ₈ O ₂	Methyl propionate	79.85		Nonazeotrope			227
C ₄ H ₁₀	2-Methylpropane	-11.7		Nonazeotrope			981
C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5		Nonazeotrope			581c
C ₄ H ₁₀ O	Isobutyl alcohol	108		Nonazeotrope			422
C ₄ H ₁₀ O ₂	Acetaldehyde						
	dimethylacetal	64.3		Nonazeotrope			45
C ₄ H ₁₀ O ₂	Ethoxymethoxy- methane	65.90		Nonazeotrope			1035
C ₆ H ₆ O	2-Methylfuran	63.7	51.2				769
C ₅ H ₈	Isoprene	34	30.2	0.6	5.4	94.0	581c
C ₈ H ₁₂ O	<i>tert</i> -Butyl methyl ether	55		Nonazeotrope			581c
C ₆ H ₆	Benzene	80.2		Nonazeotrope			1044
C ₆ H ₈	1,3-Cyclohexadiene	80.8		Nonazeotrope			563
C ₆ H ₁₀	Biallyl	60.2		Nonazeotrope			563
C ₆ H ₁₀	Cyclohexene	82.75		Nonazeotrope			563
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			563
C ₆ H ₁₄	Hexane	68.95		Nonazeotrope			563
C ₇ H ₈	Toluene	110.7		Nonazeotrope			563
C ₂ H ₆ O	Ethyl alcohol	78.3	42.6	0.6	3.9	95.5	982
C ₂ H ₃ N	Acetonitrile	81.6	72				763
C ₃ H ₈ O	Propyl alcohol	97.2	88				563
	" "		81.18	12.45	66.75	20.80	611
C ₂ H ₃ N	Acetonitrile	81.6	67	6.4	73.1	20.5	763
	" "			Liquid-vapor equilibrium			763
C ₂ H ₅ ClO	2-Chloroethanol	128		Nonazeotrope			672
	" "		70.8-71.5				253
C ₂ H ₅ O	Ethyl alcohol, 118 mm		25.1	3.4	85.1	11.5	584
	" 509 mm		52.5	5.2	79.6	15.2	584,803
	" 760 mm		67	5.5	78.4	16.1	165,584
	" 2060 mm		96	7.1	72.3	20.6	584
	" 5660 mm		131	8.3	70.5	21.2	584
C ₃ H ₆ O	Allyl alcohol	96.95	71.6	6.55	84.7	8.75	358,563
	" "		71.4	7.5	80	12.5	981
C ₃ H ₈ O	Isopropyl alcohol	82.45	~ 70				563
	" "		69.4	7	73	20	982
C ₃ H ₈ O	Propyl alcohol	97.3		7.1	84.8	8.1	480
	" "		71.55	7	81	12	563
C ₄ H ₁₀ O	Isobutyl alcohol	108	72.7				563

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
15927	H ₂ O	Water	100	C ₂ H ₂ Cl ₂	<i>cis</i> -1,2-Dichloroethylene	60.25
15928	H ₂ O	Water	100	C ₂ H ₂ Cl ₂	<i>trans</i> -1,2-Dichloroethylene	48.35
15929	H ₂ O	Water	100	C ₂ H ₂ Cl ₄	1,1,2,2-Tetrachloroethane	146.35
15930	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6
15931	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6
15932	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6
15933	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6
15934	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6
15935	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6
15936	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.5
15937	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6
15938	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.5
15939	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6
15940	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6
15941	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6
15942	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6
15943	H ₂ O	Water	100	C ₂ H ₃ N	Acetonitrile	81.6
15944	H ₂ O	Water	100	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7
15945	H ₂ O	Water	100	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.7
		"			"	
15946	H ₂ O	Water	100	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.5
15947	H ₂ O	Water	100	C ₂ H ₄ O	Acetaldehyde	20.2
		"			"	
15947a	H ₂ O	Water	100	C ₂ H ₄ O	Acetaldehyde	20.2
15948	H ₂ O	Water	100	C ₂ H ₄ O	Acetaldehyde	20.2
15948a	H ₂ O	Water	100	C ₂ H ₄ O ₂	Acetic acid	118.1
15949	H ₂ O	Water	100	C ₂ H ₄ O ₂	Acetic acid	118.1
15950	H ₂ O	Water	100	C ₂ H ₄ O ₂	Acetic acid	118.1
15951	H ₂ O	Water	100	C ₂ H ₄ O ₂	Acetic acid	118.5
15952	H ₂ O	Water	100	C ₂ H ₄ O ₂	Acetic acid	118.1
15953	H ₂ O	Water	100	C ₂ H ₄ O ₂	Acetic acid	118.1
15954	H ₂ O	Water	100	C ₂ H ₅ Br	Bromoethane	38.4
15955	H ₂ O	Water	100	C ₂ H ₅ ClO	2-Chloroethanol	128
15956	H ₂ O	Water	100	C ₂ H ₅ ClO	2-Chloroethanol	128.8
15957	H ₂ O	Water	100	C ₂ H ₅ ClO	2-Chloroethanol	128
		"			"	
15958	H ₂ O	Water	100	C ₂ H ₅ ClO	2-Chloroethanol	128.8
15959	H ₂ O	Water	100	C ₂ H ₅ ClO	2-Chloroethanol	128.8
15960	H ₂ O	Water	100	C ₂ H ₅ ClO	2-Chloroethanol	128.8
15961	H ₂ O	Water	100	C ₂ H ₅ I	Iodoethane	72.3
15962	H ₂ O	Water	100	C ₂ H ₅ NO ₂	Nitroethane	114.07
15963	H ₂ O	Water	100	C ₂ H ₅ NO ₂	Nitroethane	114.07

TABLE II. Ternary Systems

C-Component		Azeotropic Data					Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	
C ₂ H ₆ O	Ethyl alcohol	78.3	53.8	2.85	90.5	6.65	148
C ₂ H ₆ O	Ethyl alcohol	78.3	44.4	1.1	94.5	4.4	148
C ₂ H ₆ O	Acetonitrile	81.6		Nonazeotrope			763
C ₂ H ₆ O	Ethyl alcohol	78.3	72.9	1	44	55	982
C ₃ H ₃ N	Acrylonitrile	72.1		Nonazeotrope v-1 63, 997c, 953c, 997f			
C ₃ H ₆ O	Acetone	56.4				v-1	763
C ₄ H ₈ O ₂	Ethyl acetate	77	70				763
C ₄ H ₁₁ N	Diethylamine	55.5		Nonazeotrope			981
C ₅ H ₈	Isoprene		32.4	1.08	2.32	97.6	742
C ₅ H ₁₀	β -amylene		34.6	1.3	7.8	90.9	742
C ₅ H ₁₀ O ₂	Propyl acetate	101.6	74				763
C ₅ H ₁₂	2-Methylbutane		24.7	0.76	5.70	93.54	742
C ₆ H ₆	Benzene	80.2	66	8.2	23.3	68.5	763
C ₆ H ₁₂ O ₂	Butyl acetate	124.8		Nonazeotrope			763
C ₆ H ₁₄ O	Isopropyl ether	68.3	59	5	13	82	981
C ₆ H ₁₅ N	Triethylamine	89.7	68.6	3.5	9.6	86.9	498i
C ₇ H ₈	Toluene	110.7	73				763
C ₂ H ₅ ClO	2-Chloroethanol	128		Nonazeotrope			479,672
	"		69.6				253
C ₂ H ₆ O	Ethyl alcohol	78.3	66.7	5	78	17	563
	" "		67.8	7.2	77.1	15.7	982
C ₃ H ₈ O	Isopropyl alcohol	82.3	69.7	7.7	73.3	19.0	982
C ₂ H ₆ O	Ethyl alcohol	78.3		Nonazeotrope			v-1 451
	" "					v-1	374
C ₃ H ₆ O ₂	Methyl acetate	57.1		Nonazeotrope			v-1 985c
C ₆ H ₁₂ O ₃	Paraldehyde	124		Nonazeotrope			v-1 981
C ₃ H ₆ O ₂	Methyl acetate	57.1		Nonazeotrope			v-1 36g
C ₃ H ₆ O ₂	Propionic acid	141.1		Nonazeotrope			v-1 26
C ₅ H ₄ O ₂	Furfural	161.7		Nonazeotrope			v-1 971
C ₇ H ₈	Toluene	110.7		Nonazeotrope			563
C ₈ H ₁₀	Ethylbenzene	136		Min. b.p.			65
C ₈ H ₁₀	Xylene	140		Min. b.p.			65
C ₂ H ₆ O	Ethyl alcohol	78.3		Azeotropic ?			563
C ₄ H ₈ Cl ₂ O	Bis(2-chloro-ethyl) ether	178		Min. b.p.			672
C ₄ H ₈ O ₂	Ethyl acetate	77.1		Nonazeotrope			479
C ₆ H ₆	Benzene	80.1		Nonazeotrope			479,672
	"		67.0				253
C ₆ H ₁₂	Cyclohexane	80.7		min. b.p.			
C ₆ H ₁₄ O	Isopropyl ether	68.5		Nonazeotrope			
C ₇ H ₈	Toluene	110.6		min. b.p.			
C ₂ H ₆ O	Ethyl alcohol	78.3	61	~ 5	~ 86	~ 9	563
C ₆ H ₁₄	1-Hexene	63.84	57.4	10.1	3.0	86.9	806
C ₆ H ₁₂	Hexane	68.74	59.5	8.4	9.3	82.3	806

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
15964	H ₂ O	Water	100	C ₂ H ₅ NO ₂	Nitroethane	114.07
15965	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
		"			" "	
15966	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15967	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15968	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15969	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15970	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15971	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15972	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15973	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15974	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15975	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.2
15976	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15977	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15978	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15979	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15980	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
		"			" "	
		"			" "	
		"			" "	
15981	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15982	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15982a	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15982b	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15982c	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15983	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
		"			" "	
15984	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15985	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15986	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15987	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15988	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15989	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15990	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15991	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15992	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3

TABLE II. Ternary Systems

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C-Component		Azeotropic Data					Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	
C ₇ H ₁₆	Heptane	98.43	75.1	11.5	24.5	64.0	806
C ₃ H ₃ N	Acrylonitrile	77.2	69.5	8.7	20.3	71.0	982
	" 100 mm		<30	6.6	9.0	84.4	982
C ₃ H ₅ Br	<i>cis</i> -1-Bromopropene	57.8	54?	3	6	91	563
C ₃ H ₅ Br	<i>trans</i> -1-Bromopropene	63.25	54.5	4	87.5	7.5	563
C ₃ H ₅ Br	2-Bromopropene	48.35	43.3?	1	4	95	563
C ₃ H ₆ I	3-Iodopropene	102	72				563
C ₃ H ₆ O	Acetone	56.1		Nonazeotrope			981
C ₃ H ₆ O ₂	Ethyl formate	54.2		Nonazeotrope			981
C ₃ H ₇ Br	1-Bromopropane	71.0	60.0	3.5	9.6	86.9	498i
C ₃ H ₇ NO ₂	2-Nitropropane	120.25	78.2	6.1	86.3	7.6	806
C ₄ H ₆ O	Crotonaldehyde	102.4	78.0	4.8	87.9	7.3	982
C ₄ H ₈ O ₂	Biacetyl	88		Nonazeotrope ?			640
C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.5	31.35	17.5	61.7	20.8	121
C ₄ H ₈ O	2-Butanone	79.6	73.2	11	14	75	982
C ₄ H ₈ O	Butyraldehyde	75.7	67.2	9	11	80	982
C ₄ H ₈ O	Ethyl vinyl ether	35.5		Nonazeotrope			981
C ₄ H ₈ O ₂	Ethyl acetate	77.05		Nonazeotrope			29
	"						
	" 25 mm		— 1.40	4.0	4.0	92.0	650
	"		70.23	9.0	8.4	82.6	v-1 650,
	" 760 mm		88.96	10.3	12.1	77.6	452g
	" 1446 mm						650
C ₄ H ₉ Br	1-Bromo-2-methylpropane	91.4	69.5	5.8	18.4	75.8	498i
C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	58.62	4.5	13	82.5	563
C ₄ H ₁₀ O	Butyl alcohol	117		Nonazeotrope			v-1 452b
C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5					v-1 937c
C ₄ H ₁₀ O	Isobutyl alcohol	108	50°-130°				v-1 748c, 937c
C ₄ H ₁₀ O	Ethyl ether	34.5		Nonazeotrope			1033
	" "			Nonazeotrope			v-1 452
C ₄ H ₁₀ O ₂	2-Ethoxyethanol	133		Nonazeotrope			33c
C ₄ H ₁₀ O ₂	Ethoxymethoxy-methane	65.90		Nonazeotrope			1035
C ₄ H ₁₁ N	Butylamine	77.8	81.8	7.5	42.5	50.0	982
C ₅ H ₈ O ₂	Ethyl acrylate	99.3	77.1	10.1	48.3	41.6	982
	" "						
	" 165 mm		44	8.6	36.3	55.1	982
C ₅ H ₁₀ O	1-Butenyl methyl ether		61.4	6.8	14.3	78.9	981
C ₅ H ₁₀ O	Propyl vinyl ether	65.1	57	5.1	21.2	73.7	982
C ₅ H ₁₀ O ₂	Isopropyl acetate	88.7	74.8	9.8	19.4	70.8	982,498c
C ₅ H ₁₂ O	Butyl methyl ether	70.3	62	6.3	8.6	85.1	982
C ₅ H ₁₂ O	Isoamyl alcohol	132		Nonazeotrope			v-1 652

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
15993	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15994	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15995	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
		"			" "	
15996	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15997	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15998	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
15999	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16000	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16001	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16002	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
		"			" "	
		"			" "	
16003	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16004	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
		"			" "	
		"			" "	
16005	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
		"			" "	
16006	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16007	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
		"			" "	
		"			" "	
16008	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16009	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16010	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16011	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16012	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
		"			" "	
16013	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16014	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
		"			" "	
16015	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16016	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
		"			" "	
16017	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16018	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16019	H ₂ O	Water	100	C ₂ H ₆ O	Ethyl alcohol	78.3
16020	H ₂ O	Water	100	C ₂ H ₆ O ₂	Glycol	197.4
16021	H ₂ O	Water	100	C ₂ H ₇ N	Dimethylamine	7.4
16022	H ₂ O	Water	100	C ₂ H ₅ N ₂	Ethylenediamine	116.9
16022a	H ₂ O	Water	100	C ₃ H ₃ N	Acrylonitrile	77.3
16023	H ₂ O	Water	100	C ₃ H ₃ N	Acrylonitrile	77.2
16023a	H ₂ O	Water	100	C ₃ H ₃ N	Acrylonitrile	77.3
16024	H ₂ O	Water	100	C ₃ H ₄ O	2-Propyn-1-ol	115

TABLE II. Ternary Systems

C-Component		Azeotropic Data					Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	
C ₂ H ₁₂ O	Diethoxymethane	87.5	73.2	12.8	18.4	69.5	324
C ₆ H ₅ Cl	Chlorobenzene	131.8	77.3	6.8	80.2	13.9	498i
C ₆ H ₆	Benzene	80.2	64.86	7.4	18.5	74.1	1046
	"		Effect of pressure, 1-19 atm.				436
C ₆ H ₈	1,3-Cyclohexadiene	80.8	63.6	7	20	73	563
C ₆ H ₈	1,4-Cyclohexadiene	85.6	~ 65.5				563
C ₈ H ₁₀	Biallyl	60.2	~ 52				563
C ₆ H ₁₀	Cyclohexene	82.75	64.05	7	20	73	563
C ₆ H ₁₀	1-Hexyne	70.2	59.9				377
C ₆ H ₁₀	3-Hexyne	80.5	64.4				377
C ₈ H ₁₂	Cyclohexane	80.75	62.1				563
	"		62.60	4.8	19.7	75.5	1059
	"	80.7	62.1	7	17	76	982
C ₈ H ₁₂ O	Isobutyl vinyl ether	83.4	60	8	22	70	982
C ₆ H ₁₁	Hexane	68.22	56.4	3	18.7	78.3	949
	"	68.7	56.0	3	12	85	982
	"		56.60				1044
C ₈ H ₁₄ O	Butyl ethyl ether	92.2	71.6	9.0	22.4	68.6	497
	"		71.6	9.3	4.2	86.5	982
C ₆ H ₁₄ O	Ethyl isobutyl ether	79	66	6.5	15.8	77.7	981
C ₆ H ₁₄ O	Isopropyl ether	68.3	61.0	4.0	6.5	89.5	982
	" 100 p.s.i.g.		128.5	9.1	14.2	76.7	982
	" 50 p.s.i.g.		105.8	7.1	11.9	81	982
C ₆ H ₁₄ O	Isopropyl propyl ether		66	7.0	14.7	78.3	981
C ₆ H ₁₄ O ₂	Acetal	103.6	77.8	11.4	27.6	61.0	45
C ₆ H ₁₄ O ₂	Ethoxypropoxy-methane	113.7		Nonazeotrope			1035
C ₆ H ₁₅ N	Triethylamine	89.4	74.7	9	13	78	977
C ₇ H ₈	Toluene	110.7	74.55				563
	"	110.6	74.4	12	37	51	982
C ₇ H ₁₂	1-Heptyne	99.5	71.0				377
C ₇ H ₁₄	Methylcyclohexane	101.8	~ 70.5				563
	"		69.59	6.8	32.4	60.8	949
C ₇ H ₁₄ O ₂	Isoamyl acetate	90.8	69.0				377
C ₇ H ₁₆	Heptane	98.45	~ 69.5				563
	"		68.8	6.1	33.00	60.9	982
C ₈ H ₈	Styrene	145.1		Nonazeotrope			981
C ₈ H ₁₈ O	Butyl ether	142.1		Nonazeotrope			981
C ₈ H ₁₈ O ₂	2-Ethyl-1,3-hexanediol	243.1		Nonazeotrope			981
C ₇ H ₈ O ₂	Dioxane	101.4		Nonazeotrope			201
C ₇ H ₁₁ NO	2-(Dimethyl-amino) ethanol	134.6		Nonazeotrope			981
C ₆ H ₆	Benzene	80.1		Nonazeotrope			981
C ₃ H ₄ O	Acrolein	52.4	200-760 mm			v-1	905f, 905p
C ₃ H ₅ N	Propionitrile	97.4		Nonazeotrope			981
C ₄ H ₆ O ₂	Vinyl acetate					v-1	335c
C ₃ H ₈ O ₂	3,3-Dimethoxypropyne	111	88.95				264

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16025	H ₂ O	Water	100	C ₃ H ₄ O	2-Propyn-1-ol	115
		"			"	
16026	H ₂ O	Water	100	C ₃ H ₄ O ₂	Acrylic acid	141.2
16027	H ₂ O	Water	100	C ₃ H ₃ I	3-Iodopropene	102
16028	H ₂ O	Water	100	C ₃ H ₃ I	3-Iodopropene	102
16029	H ₂ O	Water	100	C ₃ H ₆ Cl ₂	1,2-Dichloro-	
					propane	96.3
16030	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.1
16031	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.1
16032	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.1
16033	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.1
16034	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.1
16035	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.4
16036	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.1
16037	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.25
16038	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.1
		"			"	
16039	H ₂ O	Water	100	C ₃ H ₆ O	Acetone	56.1
16040	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.9
16041	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95
16042	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95
16043	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95
16044	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95
16045	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95
16046	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.95
		"			" "	
16047	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.6
		"			" "	
16048	H ₂ O	Water	100	C ₃ H ₆ O	Allyl alcohol	96.6
16049	H ₂ O	Water	100	C ₃ H ₆ O ₂	Propionic acid	140.7
16050	H ₂ O	Water	100	C ₃ H ₆ O ₃	Trioxane	114.5
16051	H ₂ O	Water	100	C ₃ H ₆ O ₃	Trioxane	114.5
16052	H ₂ O	Water	100	C ₃ H ₆ O ₃	Trioxane	114.5
16053	H ₂ O	Water	100	C ₃ H ₆ O ₃	Trioxane	114.5
16054	H ₂ O	Water	100	C ₃ H ₆ O ₃	Trioxane	114.5
16055	H ₂ O	Water	100	C ₃ H ₆ O ₃	Trioxane	114.5
16056	H ₂ O	Water	100	C ₃ H ₆ O ₃	Trioxane	114.5
16057	H ₂ O	Water	100	C ₃ H ₇ I	1-Iodopropane	102.4
16058	H ₂ O	Water	100	C ₃ H ₇ NO ₂	1-Nitropropane	130.5
16059	H ₂ O	Water	100	C ₃ H ₇ NO ₂	2-Nitropropane	120.25
16059a	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.3
16060	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.3
		"			"	
16061	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45

C-Component			Azeotropic Data				
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	Ref.
C ₆ H ₆	Benzene	80.1	68.1	8.3	3.7	88.0	163
"	"		69	9	4	87	264
C ₂ H ₃ O ₂	Ethyl acrylate	99.3		Vapor-liquid equilibrium			885
C ₃ H ₇ O	Allyl alcohol	96.95	77.7	Nonazeotrope			981
C ₃ H ₇ O	Propyl alcohol	97.2	78.15	8	72	20	563
C ₃ H ₇ ClO	Propylene chlorohydrin	127.4		Nonazeotrope			981
C ₃ H ₇ O	Isopropyl alcohol	82.3		Nonazeotrope v-l			152, 1042c
C ₄ H ₈ O ₂	Vinyl acetate	72.7		Nonazeotrope			981
C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope			726
C ₄ H ₈ O	Butyraldehyde	74.8		Nonazeotrope			981
C ₄ H ₆ O	2-Methylfuran	63.7	55.6				769
C ₅ H ₈	Isoprene	34.7	32.5	0.4	7.6	92.0	739
C ₆ H ₁₀ O ₂	Isopropyl acetate	88.6		Nonazeotrope			981
C ₆ H ₆ O	Phenol	181.5		Nonazeotrope, vapor pressure curve			854, 668c, 498i, 304
C ₆ H ₁₄ O	Isopropyl ether	69	53.8	1.8	53.5	44.7	981
"	15 p.s.i.g.		75	3	49	48	981
C _n H _{2n+2}	Paraffin hydrocarbons		61-71	1.4	42.1	56.5 vol. %	461
C ₆ H ₈ O	Propyl alcohol	97.8		Nonazeotrope v-l			998
C ₆ H ₆	Benzene	80.2	68.21	3.58	9.16	82.26	875, 1005
C ₆ H ₈	1,3-Cyclohexadiene	80.8	67.5				563
C ₆ H ₁₀	Cyclohexene	82.75	67.95	8.5	11	80.5	563
C ₆ H ₁₀ O	Allyl ether	94.8	77.8	12.4	8.7	78.9	875
C ₆ H ₁₂	Cyclohexane	80.75	66.18	8	11	81	563
C ₆ H ₁₄	Hexane	68.95	59.7	5	5	90	563
"	"			8.5	5.1	86.4	480
C ₇ H ₈	Toluene	110.6	80.6	15.2	31.4	53.4	981
"	"		80.2				563
C ₈ H ₁₆ O ₂	2,2-Bis(allyl- oxy) propane		88	28	55	17	981
C ₈ H ₅ O ₂	Methyl propionate	79.85		Nonazeotrope			227
C ₁₀ H ₁₂	Naphthenes			Min. b.p.			513
C ₁₀ H ₁₄	Hexanes			Min. b.p.			513
C ₁₀ H ₁₆	Naphthenes			Min. b.p.			513
C ₇ H ₁₆	Heptanes			Min. b.p.			513
C ₈ H ₁₆	Naphthenes			Min. b.p.			513
C ₈ H ₁₈	Octanes			Min. b.p.			513
C ₉ H ₂₀	Nonanes			Min. b.p.			513
C ₃ H ₇ O	Propyl alcohol	97.2	78.25				563
C ₈ H ₁₀	Ethylbenzene	136		28.8	32.2	39	52, 806
C ₈ H ₁₀ O ₂	2-Ethoxyethanol	134.8		Nonazeotrope			806
C ₈ H ₈ O ₃	Glycerol	290		Nonazeotrope v-l			991d
C ₄ H ₈ O	2-Butanone	79.6	73.4	11	1	88	982
"	"			Nonazeotrope			29
C ₄ H ₉ Cl	1-Chloro-2- methylpropane	63.85	61				563

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16062	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.3
16063	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.4
16064	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.3
16065	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.7
16066	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.4
16067	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.4
16068	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.4
16069	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45
		"			" "	
		"			" "	
	H ₂ O	Water	100		Isopropyl alcohol	
16070	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45
16071	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45
16072	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45
16073	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.3
16074	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45
16075	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.3
16076	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.45
16077	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.3
		"			" "	
		"			" "	
		"			" "	
16078	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.3
16079	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.3
		"			" "	
16080	H ₂ O	Water	100	C ₃ H ₈ O	Isopropyl alcohol	82.3
16081	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.3
16082	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
16083	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.16
16084	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
16085	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
16086	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
		"			" "	
16087	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.3
		"			" "	
		"			" "	
		"			" "	
		"			" "	
		"			" "	
16088	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2

TABLE II. Ternary Systems

C-Component			Azeotropic Data				Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	
C ₄ H ₁₁ N	Butylamine	77.8	83	12.5	40.5	47	982
C ₃ H ₁₀ O	Allyl ethyl ether	67.6		Azeotropic			18
C ₃ H ₁₀ O ₂	Isopropyl acetate	88.7	75.5	11	13	76	982
C ₃ H ₁₂ O	Butyl methyl ether	70.3		Azeotropic			18
C ₂ H ₁₂ O	Ethyl isopropyl ether	54		Azeotropic			18
C ₃ H ₁₂ O	Ethyl propyl ether	64		Azeotropic			18
C ₃ H ₁₂ O	Isobutyl methyl ether	59		Azeotropic			18
C ₆ H ₆	Benzene	80.2	66.51	7.5	18.7	73.8	1044
"	"		66.3	7.5	19.0	73.5	1042
"	"	80.1	65.7	8.2	19.8	72.0	982
	Benzene 20 p.s.i.g.		90	10	18	72	982
C ₆ H ₈	1,3-Cyclohexadiene	80.8	65.7				563
C ₆ H ₁₀	Cyclohexene	82.75	66.1	7.5	21.5	71	563
C ₆ H ₁₂	Cyclohexane	80.75	64.3	7.5	18.5	74	v-1 563,
C ₆ H ₁₂ O	4-Methyl-2-pentanone	116.2		Nonazeotrope			981
C ₆ H ₁₁	Hexane	68.95	58.2				563
C ₆ H ₁₁ O	Butyl ethyl ether	92.2	73.4	10.4	21.9	67.7	982
C ₆ H ₁₁ O	Ethyl <i>tert</i> -butyl ether	68-69		Azeotropic			18
C ₆ H ₁₁ O	Isopropyl ether	69	61.9	4.55	4.45	91.0	v-1 991c
"	"		61.8	5	4	91	982
"	" 30 p.s.i.g.		95	6	9	85	982
"	" 15 p.s.i.g.		81	6	7	87	982
C ₆ H ₁₅ N	Diisopropylamine	84.1		Nonazeotrope			981
C ₇ H ₈	Toluene	110.6	76.3	13.1	38.2	48.7	v-1 982,
"	"		76.2				912c
"	"		76.2				563
C ₃ H ₁₄	Diisobutylene	102.3	72.3	9.3	31.6	59.1	982
C ₃ H ₈ S	1-Propanethiol		60.8				487
C ₄ H ₈ O	2-Butanone	79.6	771 mm				29
C ₁ H ₂ O ₂	Propyl formate	80.9	70.8	13	5	82	359,498c
C ₄ H ₈ Cl	1-Chloro-2-methylpropane	68.85	64.2				563
C ₆ H ₈ ClO ₂	Propyl chloroacetate	162.3	88.6	25.25	58.27	16.48	121
C ₆ H ₁₀ O	3-Pentanone	102.2	~ 82.1	~ 20	~ 20	~ 60	563
"	"		81.2	20	20	60	981
C ₈ H ₁₀ O ₂	Propyl acetate	101.6		Nonazeotrope			v-1 752
"	200 mm		50.23	13.3	4.7	82.0	v-1 892
"	400 mm		66.07	15.0	6.5	78.5	v-1 892
"	600 mm		76.26	16.0	8.5	75.5	v-1 892
"	760 mm		82.45	17.0	10.0	73.0	v-1 892
"	"		82.2	21	19.5	59.5	359
C ₆ H ₁₂ O ₂	Diethoxymethane	88.0		Nonazeotrope			1035

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16089	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
	"	"		"	"	
	"	"		"	"	
	"	"		"	"	
16090	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
16091	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
16092	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
16093	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.3
16094	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.3
16094a	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.3
16095	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
16096	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
16097	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
16098	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
16099	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	96.90
16100	H ₂ O	Water	100	C ₃ H ₈ O	Propyl alcohol	97.2
16101	H ₂ O	Water	100	C ₃ H ₈ O ₂	2-Methoxy-ethanol	124.6
16102	H ₂ O	Water	100	C ₃ H ₈ O ₂	2-Methoxy-ethanol	124.6
16103	H ₂ O	Water	100	C ₃ H ₈ O ₂	2-Methoxy-ethanol	124.6
16104	H ₂ O	Water	100	C ₃ H ₈ O ₂	2-Methoxy-ethanol	124
16105	H ₂ O	Water	100	C ₃ H ₈ O ₂	2-Methoxy-ethanol	124
16105a	H ₂ O	Water	100	C ₃ H ₈ O ₂	Dimethoxymethane	42.3
16106	H ₂ O	Water	100	C ₃ H ₈ O ₂	1,2-Propanediol	187.8
16107	H ₂ O	Water	100	C ₄ H ₆ O	Crotonaldehyde	102.4
16108	H ₂ O	Water	100	C ₄ H ₆ O	Crotonaldehyde	102
16109	H ₂ O	Water	100	C ₄ H ₆ O	Crotonaldehyde	102
16110	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6
16111	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6
16112	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6
	"	"		"	"	
16113	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6
16114	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6
16115	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6
16116	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6
16117	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6
16118	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6

TABLE II. Ternary Systems

C-Component		Azeotropic Data					
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	Ref.
C ₆ H ₆	Benzene						
	740 mm		67	7.6	10.1	82.3	584
	" 2830 mm		107	9.5	13.1	77.4	584
	" 4900 mm		127	10.3	14.2	75.5	584
	" 5930 mm		135	12.3	15.0	72.7	584
"			68.5	8.6	9.0	82.4	981
C ₆ H ₈	1,3-Cyclohexadiene	80.8	67.75	9	12	79	563
C ₆ H ₁₀	Cyclohexene	82.75	63.2	9	11.5	79.5	563
C ₆ H ₁₂	Cyclohexane	80.75	66.55	8.5	10	81.5	563
C ₆ H ₁₂ O	2-Hexanone	127.2	87	27	63	10	343
C ₆ H ₁₀ O	2-Methyl-pentanal	118.3	86	28	58	14	981
C ₆ H ₁₂ O ₂	Propyl propionate	122	86.2	20.7	46.2	33.1	668g
C ₆ H ₁₄	Hexane	68.95	59.95				563
C ₆ H ₁₁ O	Propyl ether	113.7	74.8	11.7	20.2	68.1	760
C ₆ H ₁₄ O ₂	Ethoxypropoxy-methane	113.7	83.8	17.6	22.9	59.5	1035
C ₇ H ₈	Toluene	110.7	80.05				563
C ₇ H ₁₆ O ₂	Dipropoxymethane	137.2	86.4	8	44.8	47.2	324
C ₈ H ₁₅ O ₂	Acetaldehyde dipropylacetal	147.7	87.6	27.4	51.6	21.0	45
C ₆ H ₆	Benzene	80.1		Nonazeotrope			981
C ₆ H ₁₂	Cyclohexane	80.7		Nonazeotrope			981
C ₇ H ₈	Toluene	110.6		Nonazeotrope			981
C ₈ H ₁₀	Ethylbenzene	136	90	25.4	7.4	67.2	65
C ₈ H ₁₀	Xylene	140		Min. b.p.			65
C ₅ H ₈	Isoprene	34		Nonazeotrope			581c
C ₇ H ₈	Toluene	110.6		Nonazeotrope			981
C ₆ H ₁₀ O	2-Ethylcroton-aldehyde	135.3		Nonazeotrope			981
C ₇ H ₈	Toluene	110.7	85.3				932
C _n H _{2n+2}	Paraffins		80-85				932
C ₁ H ₁₀ O	sec-Butyl alcohol	99.5	200-760 mm	Nonazeotrope			v-1 15
C ₁ H ₁₀ O	tert-Butyl alcohol	82.4		Nonazeotrope			29
C ₆ H ₆	Benzene	80.12	68.9	8.9	17.5	73.6	876
	"		68.2	8.8	26.1	65.1	981
C ₆ H ₁₂	Cyclohexane	80.7	63.6	5	35	60	981
C ₆ H ₁₂	1-Hexene	82		Min. b.p.			66
C ₆ H ₁₂	2-Hexene			Min. b.p.			66
C ₆ H ₁₂	3-Hexene			Min. b.p.			66
C ₆ H ₁₂	2-Methyl-1-pentene			Min. b.p.			66
C ₆ H ₁₂	2-Methyl-2-pentene			Min. b.p.			66

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16119	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6
16120	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6
		"			"	
16121	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	
16122	H ₂ O	Water	100	C ₄ H ₈ O	2-Butanone	79.6
16123	H ₂ O	Water	100	C ₄ H ₈ O	Butyraldehyde	74.8
16124	H ₂ O	Water	100	C ₄ H ₈ O	Butyraldehyde	74.8
16125	H ₂ O	Water	100	C ₄ H ₈ O	Butyraldehyde	74.8
16126	H ₂ O	Water	100	C ₄ H ₈ O	Butyraldehyde	74.8
16127	H ₂ O	Water	100	C ₄ H ₈ O	Butyraldehyde	75.7
16128	H ₂ O	Water	100	C ₄ H ₈ O	Isobutyraldehyde	
16129	H ₂ O	Water	100	C ₄ H ₈ O	Isobutyraldehyde	63
16130	H ₂ O	Water	100	C ₄ H ₈ O ₂	Isobutyric acid	154.5
16131	H ₂ O	Water	100	C ₄ H ₉ Cl	Chlorobutane	78.44
16132	H ₂ O	Water	100	C ₄ H ₉ Cl	Chlorobutane	78.44
16133	H ₂ O	Water	100	C ₄ H ₉ Cl	1-Chloro-2- methylpropane	68.85
16134	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.7
16135	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.7
16136	H ₂ O	Water	100		Butyl alcohol	117.7
16137	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.8
16138	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117
16139	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	116.9
16140	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.4
16141	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.7
		"			" "	
16142	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.75
		"			" "	
16143	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.75
16144	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.75
		"				
16145	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.75
16145a	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.7
16146	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.75
16147	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.75
		"			" "	
		"			" "	
16148	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.75
16149	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117.75
16150	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117
16151	H ₂ O	Water	100	C ₄ H ₁₀ O	Butyl alcohol	117

TABLE II. Ternary Systems

C-Component		Azeotropic Data					
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	Ref.
C ₆ H ₁₂	3-Methyl-2-pentene			Min. b.p.			66
C ₆ H ₁₄	Hexane	68.9	56	4.8	27.1	68.1	623c
	"		55	1	22	77	981
C ₆ H ₁₄	2-Methylpentane			Min. b.p.			66
C ₆ H ₁₄	3-Methylpentane			Min. b.p.			66
C ₄ H ₁₀ O	Isobutyl alcohol			Nonazeotrope			981
C ₄ H ₁₀ O ₂	1,1-Dimethoxyethane	64.5		Nonazeotrope			981
C ₆ H ₁₂ O ₂	Butyl acetate	126.1		Nonazeotrope			981
C ₆ H ₁₄	Hexane	68.7	55	4	21	75	981
C ₇ H ₁₆	Heptanes		~ 57				340
C ₄ H ₁₀ O	Isobutyl alcohol	108		Nonazeotrope			v-1 665
C ₇ H ₁₆	Heptanes		48				340
C ₄ H ₁₀ O	sec-Butyl alcohol	99.5		Nonazeotrope			v-1 626
C ₄ H ₁₀ O	Butyl alcohol	117.73		Nonazeotrope			806
C ₅ H ₁₀ O	Butyl ether	141.97		Nonazeotrope			806
C ₄ H ₁₀ O	tert-Butyl alcohol	82.55	62				563
C ₄ H ₁₀ O	sec-Butyl alcohol	99.5		Nonazeotrope			981
C ₄ H ₁₀ S	1-Butanethiol	97.5	78.6				487
C ₄ H ₁₁ N	Butylamine	77.8		Nonazeotrope			981
C ₅ H ₁₀ O ₂	Butyl formate	106.6	83.6	21.3	10	68.7	359,498c
C ₆ H ₆	Benzene	80.1	69	10.1	1.5	88.4	v-1 880
C ₆ H ₁₀	Cyclohexene	82.75	70.22				563
C ₆ H ₁₁ ClO ₂	Butyl chloro- acetate	181.9	93.1	41.8	50.3	7.9	121
C ₆ H ₁₂ O	Butyl vinyl ether	94.2	77.3	11.2	1.9	85.9	497
	"		77.4	10	2	88	982
C ₆ H ₁₂ O ₂	Butyl acetate	126.1	90.7	29	8	63	982
	"		89.4	37.3	27.4	35.3	77,333,359
C ₆ H ₁₄	Hexane	68.95	61.5	19.2	2.9	77.9	477
C ₇ H ₁₂ O ₂	Butyl acrylate	147	92	50	37.6	12.4	215
	" 100 mm.		46	41	26	33	982
C ₇ H ₁₆	Heptane	98.4	78.1	41.4	7.6	51	477
C ₆ H ₁₄	Diisobutylene	101		12.6	9.5	77.9	1007a
C ₈ H ₁₈	Octane	125.75	86.1	60	14.6	25.4	477
C ₈ H ₁₈ O	Butyl ether	142.1	90.6	29.9	34.6	35.5	982
	" 100 mm.		45	31.2	24.6	44.2	982
	"		91	29.3	42.9	27.7	760
C ₅ H ₁₀ N	Dibutylamine	159.6		Nonazeotrope			981
C ₉ H ₂₀	Nonane	150.7	90	69.9	18.3	11.8	477
C ₉ H ₂₀ O ₂	Dibutoxy- methane	181.8		Nonazeotrope			324
C ₁₀ H ₂₂ O ₂	Acetaldehyde dibutyl acetal	188.8		Nonazeotrope			45

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16152	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.4
16153	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6
16154	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6
16155	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6
16156	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6
16157	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6
16158	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6
		"			" "	
		"			" "	
		"			" "	
		"			" "	
16159	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6
		"			" "	
16160	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.4
16161	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6
16162	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6
16163	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.6
16163a	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.4
16164	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.4
16165	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.4
16166	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.4
		"			" "	
16167	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.4
16168	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.4
		"			" "	
16169	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>sec</i> -Butyl alcohol	99.53
16169a	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5
16169b	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5
16169c	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5
16169d	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5
16170	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55
16171	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55
16172	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55
16172a	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5
16173	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55
16174	H ₂ O	Water	100	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.55
16175	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108
16176	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108.0
16177	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108
16178	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108
16179	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108

TABLE II. Ternary Systems

C-Component		Azeotropic Data					
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	Ref.
C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.6		Nonazeotrope			981
C ₅ H ₁₀ O	Allyl ethyl ether	67.6		Nonazeotrope			18
C ₅ H ₁₂ O	Butyl methyl ether	70.3		Nonazeotrope			18
C ₅ H ₁₂ O	Ethyl isopropyl ether	54		Nonazeotrope			18
C ₅ H ₁₂ O	Ethyl propyl ether	64		Nonazeotrope			18
C ₃ H ₁₂ O	Isobutyl methyl ether	59		Nonazeotrope			18
C ₆ H ₆	Benzene	80.2		Azeotrope doubtful			563
	" 200 mm.		38.2	7	5	88	194
	" 300 mm.		47.0	7	6	87	194
	" 400 mm.		53.8	7	6	87	194
	" 500 mm.		59.0	7	6	87	194
	" 665 mm.		65.5	8	6	86	194
C ₆ H ₁₂	Cyclohexane	80.75	~ 67				563
	"		69.7	8.9	10.8	80.3	497
C ₆ H ₁₂ O ₂	<i>sec</i> -Butyl acetate	112.2	85.5	20.2	27.4	52.4	981
C ₆ H ₁₄	Hexane	68.95	61.1				• 563
C ₆ H ₁₄ O	Ethyl <i>tert</i> -butyl ether	68-69		Nonazeotrope			18
C ₆ H ₁₁ O	Isopropyl ether	69		Nonazeotrope			18
C ₇ H ₈	Toluene	110.7	200-662 mm			v-1	257c
C ₇ H ₁₄	Methylcyclohexane	101.1	77.1	11.9	21.9	66.4	1039
C ₇ H ₁₆	Heptane	98.4	75.8	10.9	22.2	66.9	1039
C ₇ H ₁₄	Diisobutylene	102.3	77.5	11	19	70	1039
	"		80.2				740
C ₈ H ₁₈	Isoctane	99	76.3	9	19	72	498i
C ₈ H ₁₈ O	Butyl ether	142.1	86.6	24.7	56.1	19.2	981
	" "		86.5				255
C ₈ H ₁₈ O	<i>sec</i> -Butyl ether	121	83				255
C ₈ H ₈	Isoprene	34		Nonazeotrope			581c
C ₈ H ₁₆ O	2-Methyl-3-buten-2-ol	97		Nonazeotrope			581c
C ₈ H ₁₂	Pentane	36.15		Nonazeotrope			581c
C ₈ H ₁₂ O	<i>tert</i> -Butyl methyl ether	55		Nonazeotrope			581c
C ₆ H ₆	Benzene	80.2	67.30	8.1	21.4	70.5	1044
C ₆ H ₈	1,3-Cyclohexadiene	80.8	66.7				563
C ₆ H ₁₀	Cyclohexene	82.75	67				563
C ₆ H ₁₀ O	Methyl dihydropyran	118.5		Nonazeotrope			581c
C ₆ H ₁₂	Cyclohexane	80.75	65	8	21	71	563
C ₆ H ₁₄	Hexane	68.95	58.9				563
C ₇ H ₁₀ O	Isovaleraldehyde			Nonazeotrope			v-1 665
C ₇ H ₁₀ O	3-Pentanone	102.2		Nonazeotrope			563
C ₈ H ₁₆ O ₂	Isobutyl formate	98.3	79.3	12.3	1.15	86.55	498i
C ₆ H ₆	Benzene	80.2		Nonazeotrope			1044
C ₆ H ₈	1,3-Cyclohexadiene	80.8		Nonazeotrope			563

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16180	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108
16181	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	107.4
16182	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108
16183	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108
16184	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108
16185	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108
16186	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108
16187	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108
16188	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	108
16189	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	107.5
16190	H ₂ O	Water	100	C ₄ H ₁₀ O	Isobutyl alcohol	107.8
16191	H ₂ O	Water	100	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.6
16192	H ₂ O	Water	100	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.6
16193	H ₂ O	Water	100	C ₄ H ₁₁ N	Butylamine	77.8
16194	H ₂ O	Water	100	C ₄ H ₁₁ N	Diethylamine	55.5
16195	H ₂ O	Water	100	C ₅ H ₇ N	Pyridine	115.5
16196	H ₂ O	Water	100	C ₆ H ₇ N	Pyridine	115.5
16197	H ₂ O	Water	100	C ₆ H ₇ N	Pyridine	115.5
16198	H ₂ O	Water	100	C ₆ H ₇ N	Pyridine	115.5
16199	H ₂ O	Water	100	C ₆ H ₇ N	Pyridine	115.5
16200	H ₂ O	Water	100	C ₆ H ₇ N	Pyridine	115.5
16201	H ₂ O	Water	100	C ₆ H ₇ N	Pyridine	115.5
16202	H ₂ O	Water	100	C ₆ H ₇ N	Pyridine	115.5
16203	H ₂ O	Water	100	C ₆ H ₇ N	Pyridine	115.5
16204	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5
16205	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5
16206	H ₂ O	Water	100	C ₆ H ₇ N	Pyridine	115.5
16207	H ₂ O	Water	100	C ₆ H ₇ N	Pyridine	115.5
16208	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5
16209	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5
16210	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5
16211	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5
16212	H ₂ O	Water	100	C ₅ H ₅ N	Pyridine	115.5
16212a	H ₂ O	Water	100	C ₈ H ₈	Isoprene	34
16213	H ₂ O	Water	100	C ₇ H ₁₀ O ₂	Ethyl acrylate	99.3
16213a	H ₂ O	Water	100	C ₈ H ₁₀ O	2-Methyl-3-buten-2-ol	97

C-Component		Azeotropic Data					
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	Ref.
C ₆ H ₁₀	Cyclohexene	82.75	~ 69.5				563
C ₆ H ₁₁ ClO ₂	Isobutyl chloro- acetate	174.4	90.2	33.64	53.1	13.26	121
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			563
C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2	86.8	30.4	23.1	46.5	333,359, 498c
C ₆ H ₁₄	Hexane	68.95		Nonazeotrope			563
C ₇ H ₈	Toluene	110.7	81.3	17.9	16.4	65.7	v-1 298c
C ₈ H ₁₀	Ethylbenzene	136.15	~ 89.5				563
C ₈ H ₁₈ O	Butyl ether	141.9	89				760
C ₈ H ₁₈ O	Isobutyl ether	122	85.4				760
C ₉ H ₂₀ O ₂	Diisobutoxy- methane	163.8		Nonazeotrope			324
C ₁₀ H ₂₂ O ₂	Acetaldehyde diisobutyl acetal	171.3		Nonazeotrope			45
C ₇ H ₈	Toluene	110.7		Nonazeotrope			981
C ₁₀ H ₂₀ O	2-Ethylhexyl vinyl ether	177.7	97.7	51	11	38	981
C ₈ H ₁₆ N	Dibutylamine	159.6		Nonazeotrope			981
C ₆ H ₁₄ O	Isopropyl ether	68.3		Nonazeotrope			981
C ₆ H ₆	Benzene	80.1		Nonazeotrope			215
C ₆ H ₇ N	2-Picoline			Nonazeotrope			215
C ₆ H ₈	1,3-Cyclohexadiene	80.8		Min. b.p.			913
C ₆ H ₁₀	Cyclohexene	82.75		Min. b.p.			913
C ₆ H ₁₂	Cyclohexane	80.75		Min. b.p.			913
C ₇ H ₁₀	Methylcyclo- hexadiene			Min. b.p.			913
C ₇ H ₁₄	1,1-Dimethyl- cyclopentane	87.8		Min. b.p.			913
C ₇ H ₁₄	1,2-Dimethyl- cyclopentane			Min. b.p.			913
C ₇ H ₁₄	1,3-Dimethyl- cyclopentane	90.8		Min. b.p.			913
C ₇ H ₁₄	Methylcyclohexane	101.2	80.0	5			913
C ₇ H ₁₆	<i>n</i> -Heptane	98.45		Min. b.p.			913
	"		78.6	14	13.5	70.5	968
C ₇ H ₁₆	3-Methylhexane	91.8		Min. b.p.			913
C ₈ H ₁₄	Diisobutylene	101		Min. b.p.			913
C ₈ H ₁₈	Octane	125.75	86.7	22.5	25.5	52	968
C ₉ H ₂₀	Nonane	150.7	90.5	40.5	37	32.5	968
C ₁₀ H ₂₂	Decane	173.3	92.3	35.5	45.5	19	968
C ₁₁ H ₂₄	Undecane	194.5	93.1	38.5	51	10.5	968
C ₁₂ H ₂₆	Dodecane	216	93.5	40.5	54.5	5	968
C ₈ H ₁₂ O	<i>tert</i> -Butyl methyl ether	55		Nonazeotrope			581c
C ₆ H ₁₄ O	Isopropyl ether	68.3		Nonazeotrope			981
C ₈ H ₁₂ O	<i>tert</i> -Butyl methyl ether	55		Nonazeotrope			581c

A-Component				B-Component			
No.	Formula		B.P., °C.	Formula	Name		B.P., °C.
16213b	H ₂ O	Water	100	C ₅ H ₁₀ O	2-Methyl-3-buten-2-ol		97
16213c	H ₂ O	Water	100	C ₅ H ₁₀ O	3-Methyl-3-buten-1-ol		130
16214	H ₂ O	Water	100	C ₅ H ₁₀ O	2-Pentanone		102.3
16215	H ₂ O	Water	100	C ₅ H ₁₂ O	Amyl alcohol		137.8
16216	H ₂ O	Water	100	C ₅ H ₁₂ O	Amyl alcohol		137.8
16217	H ₂ O	Water	100	C ₅ H ₁₂ O	Amyl alcohol		138
16218	H ₂ O	Water	100	C ₅ H ₁₂ O	Amyl alcohol		137.2
16219	H ₂ O	Water	100	C ₅ H ₁₂ O	Amyl alcohol		137.5
16220	H ₂ O	Water	100	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol		102
16221	H ₂ O	Water	100	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol		102
16222	H ₂ O	Water	100	C ₅ H ₁₂ O	<i>tert</i> -Amyl alcohol		102
16223	H ₂ O	Water	100	C ₅ H ₁₂ O	Isoamyl alcohol		132
16224	H ₂ O	Water	100	C ₅ H ₁₂ O	Isoamyl alcohol		131.3
16225	H ₂ O	Water	100	C ₅ H ₁₂ O	Isoamyl alcohol		131.5
16226	H ₂ O	Water	100	C ₅ H ₁₂ O	Isoamyl alcohol		131.3
16227	H ₂ O	Water	100	C ₅ H ₁₂ O	Isoamyl alcohol		131.5
16228	H ₂ O	Water	100	C ₅ H ₁₂ O	Isoamyl alcohol		132
16229	H ₂ O	Water	100	C ₅ H ₁₂ O	Isoamyl alcohol		131.6
16229a	H ₂ O	Water	100	C ₆ H ₆	Benzene		80.1
16230	H ₂ O	Water	100	C ₆ H ₆	Benzene		80.1
16231	H ₂ O	Water	100	C ₆ H ₆ O	Phenol		182
16232	H ₂ O	Water	100	C ₆ H ₇ N	2-Picoline		128.8
16233	H ₂ O	Water	100	C ₆ H ₁₀ O	Cyclohexanone		155.6
16233a	H ₂ O	Water	100	C ₆ H ₁₀ O	Cyclohexanone		155.6
16233b	H ₂ O	Water	100	C ₆ H ₁₂	Cyclohexane		80.75
16233c	H ₂ O	Water	100	C ₆ H ₁₂ O	Cyclohexanol		160.65
16234	H ₂ O	Water	100	C ₆ H ₁₂ O	2-Methyl-2-penten-4-ol		
16235	H ₂ O	Water	100	C ₆ H ₁₂ O ₂	Butyl acetate		126.1
16236	H ₂ O	Water	100	C ₆ H ₁₂ O ₂	Butyl acetate		126.1
16237	H ₂ O	Water	100	C ₆ H ₁₂ O ₂	<i>sec</i> -Butyl acetate		112.2
16238	H ₂ O	Water	100	C ₆ H ₁₂ O ₃	2-Ethoxyethyl acetate		156.2
16239	H ₂ O	Water	100	C ₇ H ₁₄ O	Isopropyl ether		68.3
16240	H ₂ O	Water	100	C ₇ H ₈	Toluene		110.6
16241	H ₂ O	Water	100	C ₇ H ₈	Toluene		110.6
16242	H ₂ O	Water	100	C ₇ H ₈	Toluene		110.6

C-Component			Azeotropic Data				
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	Ref.
C ₆ H ₁₄ O	Isopropyl ether	68		Nonazeotrope			581c
C ₆ H ₁₂ O ₂	4,4-Dimethyl-1,3-dioxane	133.4		Nonazeotrope			581c
C ₆ H ₆	Benzene	80.1		Nonazeotrope			981
C ₇ H ₁₂ O ₂	Amyl formate	132	91.4	37.5	21.5	41	359,498c
C ₇ H ₁₄ O ₂	Amyl acetate	148.8	94.9	45.9	12.2	41.9	498i
C ₁₀ H ₂₂ O	Amyl ether	188	95.94				1033
C ₁₁ H ₂₄ O ₂	Diamyloxymethane	221.6		Nonazeotrope			324
C ₁₂ H ₂₆ O ₂	Acetaldehyde diamyl acetal	225.3		Nonazeotrope			45
C ₆ H ₆	Benzene	80.2		Nonazeotrope			563
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			563
C ₇ H ₈	Toluene	110.7	~82				563
C ₃ H ₁₂ S	3-Methyl-1-butane-thiol 765.4 mm	120	86.6				487
C ₆ H ₆	Benzene	80.2		Nonazeotrope			1044
C ₆ H ₁₂ O ₂	Isoamyl formate	124.2	89.8	32.4	19.6	48	359
C ₇ H ₁₄ ClO ₂	Isoamyl chloroacetate	195.2	95.4	46.2	47.3	6.5	121
C ₇ H ₁₄ O ₂	Isoamyl acetate	142	93.6	44.8	31.2	24	359,411
C ₇ H ₁₂ O	Isoamyl ether	171	94.4				760
C ₁₂ H ₂₆ O ₂	Acetaldehyde diisoamyl acetal	213.6		Nonazeotrope			45
C ₆ H ₁₃ N	Cyclohexylamine	134		Nonazeotrope			v-1 718c
C ₆ H ₁₁ O	Hexyl alcohol	157.85		Nonazeotrope			480
C ₈ H ₁₀	Xylene	137		Min. b.p.			90
C ₆ H ₁₂ O ₃	Paraldehyde	124.5		Nonazeotrope			981
C ₆ H ₁₂ O	Cyclohexanol	160.65		Nonazeotrope			v-1 335
C ₆ H ₁₃ N	Cyclohexylamine						v-1 718c
C ₆ H ₁₃ N	Cyclohexylamine						v-1 718c
C ₆ H ₁₃ N	Cyclohexylamine						v-1 718c
C ₈ H ₁₄ O	2,4,6-Trimethyl-5,6-dihydro-1,2-pyran		90.7	27.0	9.7	63.3	849
C ₆ H ₁₂ O ₂	sec-Butyl acetate	112.2		Nonazeotrope			981
C ₄ H ₈ O	Butyl ether	142.1		Nonazeotrope			981
C ₈ H ₁₈ O	Butyl ether	142.1		Nonazeotrope			981
C ₇ H ₈	Toluene	110.6		Nonazeotrope			981
C ₆ H ₁₅ N	Triethylamine	89.7		Nonazeotrope			981
C ₇ H ₈ O	Benzyl alcohol	204.7		Nonazeotrope			v-1 935
C ₁₀ H ₂₂ O	Decyl alcohol (isomers)	217.3		Nonazeotrope			981
C ₁₂ H ₂₆ O	2,6,8-Trimethyl-4-nonanol	225.5		Nonazeotrope			981

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16243	H ₃ N	Ammonia	— 33	C ₂ H ₆ O	Methyl ether	— 24
16244	H ₃ N	Ammonia	— 33	C ₃ H ₇ N	Trimethylamine	3.5
16245	H ₃ N	Ammonia	— 33	C ₃ H ₇ N	Trimethylamine	3.5
16246	H ₃ N	Ammonia	— 33	C ₃ H ₇ N	Trimethylamine	3.5
16247	H ₃ N	Ammonia	— 33	C ₃ H ₇ N	Trimethylamine	3.5
16247a	O ₂ S	Sulfur dioxide	—10	CH ₄ O	Methanol	64.7
16247b	O ₂ S	Sulfur dioxide	—10	CH ₄ O	Methanol	64.7
16248	CCl ₄	Carbon tetrachloride	76.8	CH ₄ O	Methanol	64.7
16249	CCl ₄	Carbon tetrachloride	76.75	CH ₄ O	Methanol	64.7
16250	CCl ₄	Carbon tetrachloride	76.75	C ₂ HCl ₃	Trichloroethylene	86.2
16251	CCl ₄	Carbon tetrachloride	76.75	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.5
16252	CCl ₄	Carbon tetrachloride	76.75	C ₂ H ₅ O	Ethyl alcohol	78.3
16253	CCl ₄	Carbon tetrachloride	76.75	C ₂ H ₅ O	Ethyl alcohol	78.3
16254	CCl ₄	Carbon tetrachloride	76.75	C ₂ H ₅ O	Ethyl alcohol	78.3
16254a	CCl ₄	Carbon tetrachloride	76.8	C ₅ H ₈ O ₂	Methyl acetate	57.1
16255	CCl ₄	Carbon tetrachloride	76.8	C ₃ H ₇ O	Propyl alcohol	97.8
16255a	CCl ₄	Carbon tetrachloride	76.8	C ₃ H ₇ O	Isopropyl alcohol	82.5
16256	CCl ₄	Carbon tetrachloride	76.8	C ₃ H ₇ O	Isopropyl alcohol	82.5
16257	CCl ₄	Carbon tetrachloride	76.75	C ₄ H ₈ O	2-Butanone	79.6
16257a	CCl ₄	Carbon tetrachloride	76.8	C ₄ H ₈ O	2-Butanone	79.6
16258	CCl ₄	Carbon tetrachloride	76.75	C ₄ H ₈ O	2-Butanone	79.6
16259	CCl ₄	Carbon tetrachloride	76.75	C ₄ H ₈ O ₂	Ethyl acetate	77.05
16260	CCl ₄	Carbon tetrachloride	76.8	C ₄ H ₁₀ O	Butyl alcohol	117
16261	CCl ₄	Carbon tetrachloride	76.8	C ₆ H ₆	Benzene	80.1
16262	CCl ₄	Carbon tetrachloride	76.8	C ₆ H ₆	Benzene	80.1
16263	CS ₂	Carbon disulfide	46.25	CH ₃ I	Iodomethane	42.6
16264	CS ₂	Carbon disulfide	46.25	CH ₃ I	Iodomethane	42.6

TABLE II. Ternary Systems

C-Component		Azeotropic Data					Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	
C ₃ H ₇ N	Trimethylamine	3.5		Nonazeotrope			378
C ₄ H ₈	1-Butene	-6		Nonazeotrope			378
C ₄ H ₈	2-Methylpropene	-6		Nonazeotrope			378
C ₄ H ₁₀	Butane	0		Nonazeotrope			378
C ₄ H ₁₀	2-Methylpropane	-10		Nonazeotrope			378
C ₃ H ₆ O	Acetone	56.1	20°-40°			v-1	44c
C ₃ H ₆ O ₂	Methyl acetate	57.1	20°-40°			v-1	44c
C ₆ H ₆	Benzene	80.1		Nonazeotrope			v-1 385
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			563
C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope			v-1 501
C ₇ H ₈	Toluene	110.7		Nonazeotrope			563
C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope			563
C ₄ H ₈ O ₂	Ethyl acetate	77.05		Nonazeotrope			563
C ₆ H ₆	Benzene	80.2		Nonazeotrope			563
	"			Nonazeotrope			v-1 123,385
C ₆ H ₆	Benzene	80.1				v-1	684a
C ₆ H ₆	Benzene	80.1		Nonazeotrope			v-1 385
C ₆ H ₁₂	Cyclohexane	80.75	68.55			v-1	1032c
C ₆ H ₆	Benzene	80.1		Nonazeotrope			v-1 684
C ₄ H ₈ O ₂	Methyl propionate	79.7		Nonazeotrope			563
C ₆ H ₆	Benzene	80.1				v-1	598c
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			563
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			563
C ₆ H ₆	Benzene	80.1		Nonazeotrope			v-1 385
C ₆ H ₁₂	Cyclohexane			Nonazeotrope			v-1 598
C ₆ H ₁₂ O ₂	Butyl acetate			Nonazeotrope			v-1 599
CH ₄ O	Methanol	64.7	35.95			<12	563
C ₂ H ₄ O ₂	Methyl formate	31.9		Nonazeotrope			563

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16265	CS ₂	Carbon disulfide	46.25	CH ₃ I	Iodomethane	42.5
16266	CS ₂	Carbon disulfide	46.25	CH ₃ O	Methanol	64.7
16267	CS ₂	Carbon disulfide	46.25	CH ₃ O	Methanol	64.7
16268	CS ₂	Carbon disulfide	46.25	CH ₃ O	Methanol	64.7
16269	CS ₂	Carbon disulfide	46.25	CH ₃ O	Methanol	64.7
16270	CS ₂	Carbon disulfide	46.25	CH ₃ O	Methanol	64.7
16271	CS ₂	Carbon disulfide	46.25	CH ₃ O	Methanol	64.7
16272	CS ₂	Carbon disulfide	46.25	C ₂ H ₅ O ₂	Methyl formate	31.9
16273	CS ₂	Carbon disulfide	46.25	C ₂ H ₅ O ₂	Methyl formate	31.9
16274	CS ₂	Carbon disulfide	46.25	C ₂ H ₅ O ₂	Methyl formate	31.9
16275	CS ₂	Carbon disulfide	46.25	C ₂ H ₅ O	Ethyl alcohol	78.3
16276	CS ₂	Carbon disulfide	46.25	C ₂ H ₅ O	Ethyl alcohol	78.3
16277	CS ₂	Carbon disulfide	46.25	C ₃ H ₆ O	Acetone	56.25
16278	CS ₂	Carbon disulfide	46.25	C ₃ H ₇ O ₂	Ethyl formate	54.1
16279	CS ₂	Carbon disulfide	46.25	C ₃ H ₇ O	Isopropyl alcohol	82.45
16280	CS ₂	Carbon disulfide	46.25	C ₃ H ₇ O ₂	Methylal	42.25
16281	CHCl ₃	Chloroform	61	CH ₂ Cl ₂	Dichloromethane	40
16282	CHCl ₃	Chloroform	61	CH ₂ O ₂	Formic acid	100.75
16283	CHCl ₃	Chloroform	61	CH ₃ O	Methanol	64.7
		"			"	
16284	CHCl ₃	Chloroform	61	CH ₃ O	Methanol	64.7
16285	CHCl ₃	Chloroform	61	CH ₃ O	Methanol	64.7
16286	CHCl ₃	Chloroform	61.2	CH ₃ O	Methanol	64.7
16286a	CHCl ₃	Chloroform	61	CH ₃ O	Methanol	64.7
16287	CHCl ₃	Chloroform	61	CH ₃ O	Methanol	64.7
16288	CHCl ₃	Chloroform	61	C ₂ H ₅ O	Ethyl alcohol	78.3
16289	CHCl ₃	Chloroform	61	C ₂ H ₅ O	Ethyl alcohol	78.3
16290	CHCl ₃	Chloroform	61	C ₂ H ₅ O	Ethanol	78.3
16291	CHCl ₃	Chloroform	61.2	C ₂ H ₅ O	Ethyl alcohol	78.3
16292	CHCl ₃	Chloroform	61.2	C ₂ H ₅ O	Ethyl alcohol	78.3
16293	CHCl ₃	Chloroform	61.2	C ₂ H ₅ O	Ethyl alcohol	78.3
16294	CHCl ₃	Chloroform	61.2	C ₂ H ₅ O	Ethyl alcohol	78.3
		"			"	
16295	CHCl ₃	Chloroform	61	C ₃ H ₆ O	Acetone	56.4
16296	CHCl ₃	Chloroform	61	C ₃ H ₆ O	Acetone	56.4
16297	CHCl ₃	Chloroform	61.2	C ₃ H ₆ O	Acetone	56.5
		"			"	
		"			"	
		"			"	
16297a	CHCl ₃	Chloroform	61	C ₃ H ₆ O	Acetone	56.1
16298	CHCl ₃	Chloroform	61	C ₃ H ₆ O	Acetone	56.4
16299	CHCl ₃	Chloroform	61	C ₃ H ₆ O	Acetone	56.4

TABLE II. Ternary Systems

C-Component		Azeotropic Data					Ref.	
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C		
C ₂ H ₆ O ₂	Methylal	42.25	37.2?				563	
C ₂ H ₅ Br	Bromoethane	38.4	33.92	~40	~10	50	563	
C ₃ H ₆ O	Acetone	56.25		Nonazeotrope			563	
C ₃ H ₆ O ₂	Methyl acetate	57.0	37				563	
C ₃ H ₇ Cl	1-Chloropropane	46.6	37?				563	
C ₃ H ₈ O ₂	Methylal	42.25	35.55	55	7	38	563	
C ₅ H ₁₀	2-Methyl-2-butene	37.15		Nonazeotrope			563	
C ₂ H ₅ Br	Bromoethane	38.4	24.7?	18?	60?	22?	563	
C ₅ H ₁₀	2-Methyl-2-butene	37.15	~24				563	
C ₅ H ₁₂	Pentane	36.15	21.5?				563	
C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope			563	
C ₄ H ₈ O ₂	Ethyl acetate	77.05		Nonazeotrope			563	
C ₃ H ₆ O ₂	Methyl acetate	57.0		Nonazeotrope			563	
C ₃ H ₇ Cl	1-Chloropropane	46.6	38.2?				563	
C ₄ H ₈ O ₂	Ethyl acetate	77.05		Nonazeotrope			563	
C ₅ H ₁₀	2-Methyl-2-butene	37.15	35.2?				563	
C ₃ H ₆ O	Acetone	56.4		Nonazeotrope			261	
C ₂ H ₄ O ₂	Acetic acid	118.1		Nonazeotrope			v-l 171	
C ₃ H ₆ O	Acetone	56.1	57.5	46.7	23.4	29.9	v-l 982	
	"		57.5	47	23	30	261	
C ₃ H ₆ O ₂	Methyl acetate	57.1	56.4	52.5	21.6	25.9	v-l 406a	
C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope			981	
C ₄ H ₈ O ₂	Ethyl acetate	77.1		Nonazeotrope			v-l 679	
C ₆ H ₁₄	2,3-Dimethylbutane	58		Nonazeotrope			v-l 461c	
C ₂ H ₁₄	Hexane	69.85		Nonazeotrope			563	
C ₃ H ₆ O	Acetone	56.1	55.0	70.2	6.8	23	v-l 937	
C ₃ H ₆ O	Acetone	56.1	63.2	65.3	10.4	24.3	v-l 664	
C ₆ H ₁₄	Hexane	68.95	~58.3				563	
C ₆ H ₁₄	Hexane	68.7	57.3	56.1	9.5	34.4	v-l 498	
C ₆ H ₁₄	Hexane	68.7	55				v-l 498	
C ₆ H ₁₄	Hexane		45				v-l 498	
C ₆ H ₁₄	Hexane		35				v-l 498	
	"		60.6	69.2	4.5	26.3	497	
C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope			v-l 185	
C ₆ H ₆	Benzene	80.2		Nonazeotrope			v-l 802	
C ₆ H ₁₄	Hexane	68.7	60.79	68.8	3.6	27.6	v-l 498	
	"	631	mm	55	68.7	3.6	27.7	v-l 498
	"	444	mm	45	68.7	3.6	27.7	v-l 498
	"	300	mm	35	68.7	3.3	28.0	v-l 498
C ₆ H ₁₄	2,3-Dimethylbutane	58		Nonazeotrope			v-l 317c	
C ₆ H ₁₂ O	4-Methyl-2-pentanone	115.9		Nonazeotrope			v-l 438	
C ₇ H ₁₄ O	Isopropyl ether	68.3		Nonazeotrope			981	

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16300	CHCl ₃	Chloroform	61	C ₃ H ₆ O	Acetone	56.4
16301	CHCl ₃	Chloroform	61	C ₃ H ₆ O ₂	Ethyl formate	54.1
16302	CHCl ₃	Chloroform	61	C ₃ H ₆ O ₂	Methyl acetate	57.1
16303	CHCl ₃	Chloroform	61	C ₃ H ₇ Br	2-Bromopropane	59.4
16304	CHCl ₃	Chloroform	61	C ₃ H ₈ O	Isopropyl alcohol	82.3
16305	CHCl ₃	Chloroform	61.2	C ₄ H ₈ O	2-Butanone	79.6
16306	CH ₂ Cl ₂	Dichloromethane	40.0	CH ₃ O	Methanol	64.7
16307	CH ₂ Cl ₂	Dichloromethane	40.0	CH ₃ O	Methanol	64.7
16307a	CH ₂ Cl ₂ Si	Trichloromethylsilane	66.4	C ₂ H ₆ Cl ₂ Si	Dichlorodimethylsilane	
16307b	CH ₂ Cl ₂ Si	Trichloromethylsilane	66.4	C ₂ H ₆ Cl ₂ Si	Dichlorodimethylsilane	
16308	CH ₃ I	Iodomethane	42.6	CH ₃ O	Methanol	64.7
16309	CH ₃ I	Iodomethane	42.7	C ₂ H ₄ O ₂	Methyl formate	31.9
16310	CH ₃ NO ₂	Nitromethane	101.3	C ₂ Cl ₄	Tetrachloro- ethylene	120.8
16311	CH ₃ NO ₂	Nitromethane	101.3	C ₃ H ₇ O	Propyl alcohol	97.5
16312	CH ₃ NO ₂	Nitromethane	101.3	C ₃ H ₇ O	Propyl alcohol	97.5
16313	CH ₃ NO ₂	Nitromethane	101.3	C ₃ H ₇ O ₂	Methyl propionate	79.8
16314	CH ₃ NO ₂	Nitromethane	101.3	C ₅ H ₈	Isoprene	34.1
16315	CH ₃ NO ₂	Nitromethane	101.3	C ₅ H ₈	Isoprene	34.1
16316	CH ₃ NO ₂	Nitromethane	101.3	C ₆ H ₁₀	2-Methyl-2-butene	38.5
16317	CH ₃ NO ₂	Nitromethane	101.2	C ₅ H ₁₀ O	3-Pentanone	102.2
16318	CH ₃ NO ₂	Nitromethane	101.2	C ₆ H ₆	Benzene	80.1
16319	CH ₄	Methane	-161.5	C ₂ H ₆	Ethane	-88.6
16320	CH ₃ O	Methanol	64.7	C ₂ H ₅ Br	Bromoethane	38.4
		"			"	
16321	CH ₃ O	Methanol	64.7	C ₂ H ₅ Br	Bromoethane	38.4
16322	CH ₃ O	Methanol	64.7	C ₂ H ₅ I	Iodoethane	72.3
16323	CH ₃ O	Methanol	64.7	C ₂ H ₅ I	Iodoethane	72.3
16324	CH ₃ O	Methanol	64.7	C ₂ H ₅ O	Ethyl alcohol	78.3
16324a	CH ₃ O	Methanol	64.7	C ₂ H ₆ O ₂	Ethylene glycol	197
16325	CH ₃ O	Methanol	64.5	C ₃ H ₆ O	Acetone	56.1
		"			"	
16326	CH ₃ O	Methanol	64.7	C ₃ H ₆ O	Acetone	56.25
16327	CH ₃ O	Methanol	64.7	C ₃ H ₆ O	Acetone	56.4
		"			"	
		"			"	
		"			"	
16327a	CH ₃ O	Methanol	64.7	C ₃ H ₆ O	Acetone	56.1
16328	CH ₃ O	Methanol	64.7	C ₃ H ₆ O	Acetone	56.25
		"			"	
16329	CH ₃ O	Methanol	64.7	C ₃ H ₆ O ₂	Methyl acetate	57

TABLE II. Ternary Systems

C-Component			Azeotropic Data				Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	
C ₇ H ₈	Toluene	110.7		Nonazeotrope		v-1	838
C ₃ H ₇ Br	2-Bromopropane	59.4	61.97	79	5.3	15.7	579
C ₃ H ₇ Br	2-Bromopropane	59.4		Nonazeotrope			579
C ₅ H ₈ O	Isopropyl formate	68.8		Nonazeotrope			579
C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope			981
C ₆ H ₆	Benzene	80.1		Nonazeotrope		v-1	493
C ₃ H ₆ O	Acetone	56.4		Nonazeotrope			261
C ₈ H ₁₈ O ₃	2 (2-Butoxy ethoxy) ethanol	230.6		Nonazeotrope			981
C ₄ H ₇ ClO ₂	Ethyl chloroacetate	143.5		Nonazeotrope		v-1	886e
C ₄ H ₈ Cl ₂ O	Bis(2-chloroethyl) ether	179	60°C.	Nonazeotrope		v-1	886c
C ₃ H ₈ O ₂	Methylal	42.25	38.5				563
C ₅ H ₁₂	Pentane	36.15		Nonazeotrope			563
C ₃ H ₈ O	Propyl alcohol	97.5	86.68				611
C ₅ H ₁₀ O	3-Pentanone	102.2		Azeotropic			563
C ₈ H ₁₈	<i>n</i> -Octane	125.75	85.52				611
C ₇ H ₁₄	Methyl cyclohexane	101.1		Nonazeotrope			1038
C ₅ H ₁₀	2-Methyl-2-butene	38.5		Nonazeotrope		v-1	716
C ₅ H ₁₂	2-Methylbutane	27.9		Nonazeotrope		v-1	716
C ₅ H ₁₂	2-Methylbutane	27.9		Nonazeotrope		v-1	716
C ₅ H ₁₀ O ₂	Propyl acetate	101.55	99.0?				563
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope		v-1	1010
C ₃ H ₈	Propane	200° to 50°F.	—44	Nonazeotrope		v-1	766
C ₅ H ₁₀	2-Methyl-2-butene	37.15	31.4	15	55	30	563
	"		32.0	7.1	48.5	44.4	497
C ₃ H ₈ O	2-Methyl-butane	27.95		Nonazeotrope			563
C ₅ H ₁₂	Acetone	56.25		Nonazeotrope ?			563
C ₄ H ₈ O ₂	Ethyl acetate	77.05		Nonazeotrope			563
C ₃ H ₈ O	Acetone	56.1		Nonazeotrope		v-1	16
C ₄ H ₈ O	Tetrahydrofuran	66		Nonazeotrope		v-1	859c
C ₃ H ₆ O ₂	Methyl acetate	56.3	53.7	17.4	5.8	76.8	982,563
	"	56.3		Nonazeotrope			303
C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85	52.0				563
C ₆ H ₁₂	Cyclohexane	80.75	51.1	16	43.5	40.5	276
	" 35°			8.9	52.4	38.7	v-1 622
	" 45°						v-1 622
	" 55°						v-1 622
C ₈ H ₁₄	2,3-Dimethylbutane	58	44	12.4	20.2	67.4	v-1 1026c
C ₆ H ₁₄	Hexane	68.95		Nonazeotrope			563
	"		47	14.6	30.8	59.6	283
C ₆ H ₁₂	Cyclohexane	80.75	50.8	17.8	48.6	33.6	276

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16330	CH ₃ O	Methanol	64.5	C ₂ H ₄ O ₂	Methyl acetate	56.3
		"			"	
16331	CH ₃ O	Methanol	64.7	C ₃ H ₈ O ₂	Methylal	42.25
16332	CH ₃ O	Methanol	64.7	C ₂ H ₅ BO ₂	Trimethyl borate	68.7
16333	CH ₃ O	Methanol	64.7	C ₄ H ₈ O ₂	Ethyl acetate	77.05
16334	CH ₃ O	Methanol	64.7	C ₅ H ₈	Isoprene	
16335	CH ₃ O	Methanol	64.7	C ₅ H ₈	Isoprene	
16336	CH ₃ O	Methanol	64.7	C ₆ H ₆	Benzene	80.2
16337	CH ₃ O	Methanol	64.7	C ₆ H ₆	Benzene	80.2
		"			"	
16337a	CH ₃ O	Methanol	64.7	C ₆ H ₆	Benzene	80.1
16338	CH ₃ O	Methanol	64.7	C ₁₀ H ₈	1,3-Cyclohexa- diene	80.8
16338a	CH ₃ O	Methanol	64.7	C ₆ H ₁₄	Hexane	68.9
16338b	CH ₃ O	Methanol	64.7	C ₇ H ₈	Toluene	110.7
16339	CH ₃ O	Methylamine	— 6.7	C ₄ H ₆	Butadiene	— 4.6
16340	C ₂ Cl ₄	Tetrachloro- ethylene	120.8	C ₂ H ₄ O ₂	Acetic acid	118.5
16341	C ₂ Cl ₄	Tetrachloro- ethylene	120.8	C ₃ H ₅ ClO	Epichlorohydrin	116.45
16342	C ₂ Cl ₄	Tetrachloro- ethylene	120.8	C ₃ H ₅ ClO	Epichlorohydrin	116.45
16343	C ₂ Cl ₄	Tetrachloro- ethylene	120.8	C ₃ H ₅ ClO	Epichlorohydrin	116.45
16344	C ₂ Cl ₄	Tetrachloro- ethylene	120.8	C ₃ H ₅ ClO	Epichlorohydrin	116.45
16345	C ₂ Cl ₄	Tetrachloro- ethylene	120.8	C ₃ H ₅ ClO	Epichlorohydrin	116.45
16346	C ₂ Cl ₄	Tetrachloro- ethylene	120.8	C ₃ H ₁₂ O ₃	Ethyl carbonate	126.0
16347	C ₂ Cl ₄	Tetrachloro- ethylene	120.8	C ₆ H ₁₂ O ₂	Isoamyl formate	123.6
16348	C ₂ HCl ₃	Trichloroethylene	87.2	C ₆ H ₆	Benzene	80.1
16349	C ₂ H ₂	Acetylene	— 84	C ₂ H ₄	Ethylene	—104
16350	C ₂ H ₃ ClO ₂	Chloroacetic acid	186.5	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75
16351	C ₂ H ₃ ClO ₂	Chloroacetic acid	186.5	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35
16352	C ₂ H ₃ N	Acetonitrile	81.6	C ₂ H ₅ O	Ethyl alcohol	78.3
16353	C ₂ H ₃ N	Acetonitrile	81.6	C ₅ H ₈	Isoprene	34.1
16354	C ₂ H ₃ N	Acetonitrile	81.6	C ₅ H ₈	Isoprene	34.1
16355	C ₂ H ₃ N	Acetonitrile	81.6	C ₆ H ₁₀	2-Methyl-2-butene	38.5
16356	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.5	C ₂ H ₄ O ₂	Acetic acid	118.5
16357	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.5	C ₃ H ₆ O ₂	Propionic acid	140.7
16358	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.5	C ₅ H ₁₂ O	Isoamyl alcohol	131.8
16359	C ₂ H ₄ Br ₂	1,2-Dibromoethane	131.5	C ₅ H ₁₂ O	Isoamyl alcohol	131.8
16360	C ₂ H ₄ Cl ₂	1,2-Dichloroethane	83.45	C ₃ H ₆ O	Acetone	56.4

TABLE II. Ternary Systems

C-Component			Azeotropic Data				
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	Ref.
C ₆ H ₁₁	Hexane	68.7	45	14	27	59	982
"	"		47.4	14.6	36.8	48.6	497
C ₅ H ₁₀	2-Methyl-2-butene	37.15		Nonazeotrope			563
C ₄ H ₈ O	Tetrahydrofuran	65		Nonazeotrope			v-l 318
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			563
C ₅ H ₁₀	2-Methyl-2-butene	38.5		Nonazeotrope			v-l 716
C ₅ H ₁₂	2-Methyl-butane	27.9		Nonazeotrope			v-l 716
C ₆ H ₁₀	Cyclohexene	82.75		Nonazeotrope			563
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			563
"	"	80.75		Nonazeotrope			v-l 663,1060
C ₇ H ₈	Toluene	110.7					v-l 105c
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			563
C ₇ H ₁₄	Methylcyclohexane	101.6					v-l 848c
C ₇ H ₁₄	Methylcyclohexane	101.6					v-l 778c
C ₄ H ₈	1-Butene	-6.1		Nonazeotrope			v-l 407
C ₃ H ₅ ClO	Epichlorohydrin	116.45		Nonazeotrope			563
C ₃ H ₇ O	Propyl alcohol	97.2		Nonazeotrope			563
C ₃ H ₇ I	1-Iodo-2-methyl-propane	120		Azeotrope ?			563
C ₄ H ₁₀ O	Isobutyl alcohol	108		Nonazeotrope			563
C ₅ H ₁₂ O	Isoamyl alcohol	131.8		Nonazeotrope			563
C ₅ H ₁₂ O ₂	Ethyl butyrate	119.9		Nonazeotrope			563
C ₅ H ₁₂ O	Isoamyl alcohol	131.8	<116.0?				563
C ₆ H ₁₂ O ₃	Paraldehyde	124	~ 117.6	45	25	30	563
C ₆ H ₁₂	Cyclohexane	80.7		Nonazeotrope			v-l 780
C ₂ H ₆	Ethane	-88		Nonazeotrope			v-l 387
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563
C ₃ H ₇ N	Triethylamine	89.7	70.1	34	8	58	982
C ₅ H ₁₀	2-Methyl-2-butene	38.5		Nonazeotrope			v-l 716
C ₅ H ₁₂	2-Methylbutane	27.9		Nonazeotrope			v-l 716
C ₅ H ₁₂	2-Methylbutane	27.9		Nonazeotrope			v-l 716
C ₆ H ₅ Cl	Chlorobenzene	131.8		Nonazeotrope			563
C ₆ H ₅ Cl	Chlorobenzene	131.8	127.5	Nonazeotrope			563
C ₆ H ₅ Cl	Chlorobenzene	131.8		Nonazeotrope			563
C ₈ H ₁₀	Ethylbenzene	136.15		Nonazeotrope			563
C ₆ H ₆	Benzene	80.1		Nonazeotrope			v-l 125

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16361	C ₂ H ₄ O	Acetaldehyde	20.2	C ₂ H ₅ O ₂	Acetic acid	118.1
16362	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₂ H ₄ ClO	Epichlorohydrin	116.45
16362a	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₃ H ₆ O ₂	Propionic acid	140.7
16363	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₄ H ₆ O ₃	Acetic anhydride	139.6
16363a	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₄ H ₆ O ₃	Acetic anhydride	139.6
16364	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₄ H ₈ O	2-Butanone	79.6
16365	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₄ H ₈ O	2-Butanone	79.6
16366	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₄ H ₈ O ₂	Ethyl acetate	77.1
16367	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₅ H ₅ N	Pyridine	115.5
		"			"	
16368	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₅ H ₅ N	Pyridine	115.5
16369	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₅ H ₅ N	Pyridine	115.5
16370	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₅ H ₅ N	Pyridine	115
16371	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₅ H ₅ N	Pyridine	115.5
16372	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₅ H ₅ N	Pyridine	115.5
		"			"	
16373	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₅ H ₅ N	Pyridine	115.5
16374	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₅ H ₅ N	Pyridine	115.5
16374a	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₆ H ₁₂ O	Isoamyl alcohol	132
	"	"	"	"	"	"
16374b	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₆ H ₆	Benzene	80.1
16375	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₆ H ₇ N	2-Picoline	134
16376	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₆ H ₇ N	2-Picoline	134
16377	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₆ H ₇ N	2-Picoline	134
16378	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₆ H ₇ N	2-Picoline	134
16379	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₆ H ₇ N	2,6-Lutidine	144
16380	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₆ H ₇ N	2,6-Lutidine	144
		"			"	
16381	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₆ H ₇ N	2,6-Lutidine	144
16382	C ₂ H ₄ O ₂	Acetic acid	118.1	C ₆ H ₁₀	Ethylbenzene	136.15
16383	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₂ H ₅ Br	Bromoethane	38.4
16384	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₂ H ₅ Br	Bromoethane	38.4
16385	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₂ H ₅ Br	Bromoethane	38.4
		"			"	
16386	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₂ H ₅ Br	Bromoethane	38.4
16387	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₂ H ₆ S	Ethanethiol	24.3
16388	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₄ H ₁₀ O	Ethyl ether	34.6
16389	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₄ H ₁₀ O	Ethyl ether	34.6
		"			"	
16390	C ₂ H ₄ O ₂	Methyl formate	31.9	C ₅ H ₁₀	Cyclopentane	49.3
16391	C ₂ H ₄ I	Iodoethane	72.3	C ₂ H ₅ O	Ethyl alcohol	78.3
16392	C ₂ H ₅ NO ₂	Nitroethane	114.2	C ₆ H ₈ O ₂	<i>p</i> -Dioxane	101.3
16393	C ₂ H ₅ O	Ethyl alcohol	78.3	C ₄ H ₈ O	2-Butanone	79.6
16394	C ₂ H ₅ O	Ethyl alcohol	78.3	C ₄ H ₈ O	2-Butanone	79.6
16395	C ₂ H ₅ O	Ethyl alcohol	78.3	C ₄ H ₈ O	2-Butanone	79.6

C-Component			Azeotropic Data					Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C		
C ₄ H ₈ O ₂	Vinyl acetate	72					v-l 831	
C ₇ H ₈	Toluene	110.7		Nonazeotrope			563	
C ₄ H ₈ O ₂	Butyric acid	162.4		Nonazeotrope			v-l 970c	
C ₅ H ₅ N	Pyridine	115	134.4	23	55	22	428	
C ₆ H ₈ O ₄	Methylene diacetate	164		Nonazeotrope			v-l 954c	
C ₄ H ₈ O ₂	Ethyl acetate	77.1		Nonazeotrope			v-l 331	
C ₆ H ₁₄	Hexane	68.7		Nonazeotrope			v-l 331	
C ₆ H ₁₄	Hexane	68.7		Nonazeotrope			v-l 331	
C ₇ H ₁₆	Heptane	98.4	96.2	2	6.5	91.5	1071	
	"		96.5	3.4	10.6	86.0	1052	
C ₈ H ₁₀	Ethylbenzene	136.15	129.08	13.5	25.2	61.3	309,1061	
C ₈ H ₁₀	<i>o</i> -Xylene	143.6	132.2	17.7	30.5	51.8	1070	
C ₈ H ₁₀	<i>p</i> -Xylene	138.4	129.22	10.2	22.5	67.3	307	
C ₈ H ₁₈	Octane	125.75	115.7	10.4	20.1	69.5	1052	
C ₉ H ₂₀	Nonane	150.7	128.0	20.7	29.4	49.9	1070	
	"		128.0	20.9	29.3	49.8	307,1052	
C ₁₀ H ₂₂	Decane	173.3	134.1	31.4	38.2	30.4	1052	
C ₁₁ H ₂₄	Undecane	194.5	137.1	37.5	43.5	19.0	1068	
C ₇ H ₁₄ O ₂	Isoamyl acetate	142	20 mm	4.8	35.3	59.9	v-l 494c	
"	"	"	760 mm 132	15	54	31	v-l 494c	
C ₆ H ₁₂	Cyclohexane	80.75	77.2	7.6	34.4	58	40c	
C ₈ H ₁₈	Octane	125.75	121.3	3.6	24.8	71.6	1067	
C ₉ H ₂₀	Nonane	150.7	135.0	12.8	38.4	48.8	1067	
C ₁₀ H ₂₂	Decane	173.3	141.3	19.9	46.8	33.3	1067	
C ₁₁ H ₂₄	Undecane	194.5	143.4	30.5	55.2	14.3	1067	
C ₈ H ₁₈	Octane	125.75		Nonazeotrope			1062	
C ₁₀ H ₂₂	Decane	173.3	147.0	12.6	74.3	13.1	945,1062	
	"						v-l 1055	
C ₁₁ H ₂₄	Undecane	194.5	162.0	75.0	13.8	11.3	1068	
C ₉ H ₂₀	Nonane	150.7		Nonazeotrope			309,1061	
C ₅ H ₈	Isoprene	34.1	<23				563	
C ₆ H ₁₀	2-Methyl-2-butene	37.15	24.1				563	
C ₆ H ₁₂	2-Methylbutane	27.95	16.95	~ 52	~ 5	~ 54	1045	
	"			Nonazeotrope			497	
C ₅ H ₁₂	Pentane	36.15	21.7?				563	
C ₆ H ₁₀	2-Methyl-2-butene	37.15	24?				563	
C ₆ H ₁₀	2-Methyl-2-butene	37.15	24				563	
C ₅ H ₁₂	Pentane	36.15	20.4	40	8	52	563	
	"			Nonazeotrope			497	
C ₆ H ₁₄	2,2-Dimethylbutane	49.7		Nonazeotrope			788	
C ₄ H ₈ O ₂	Ethyl acetate	77.05		Nonazeotrope			563	
C ₄ H ₁₀ O	Isobutyl alcohol	108	102.87	31.7	17.7	50.6	612	
C ₄ H ₈ O ₂	Ethyl acetate	77.0		Nonazeotrope			296,31c	
C ₄ H ₈ O ₂	Methyl propionate	79.7		Nonazeotrope			563	
C ₆ H ₆	Benzene	80.2		Nonazeotrope			563	

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16396	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₈ O	2-Butanone	79.6
16397	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₈ O ₂	Ethyl acetate	77
16398	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₈ O ₂	Ethyl acetate	77.05
16399	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.95
16400	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₁₄ OSi	Ethoxytri-methylsilane	75-76
16401	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₆	Benzene	80.2
		" "			"	
		" "			"	
16402	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₆	Benzene	80.1
16403	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₆	Benzene	80.1
		" "			"	
16404	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₆	Benzene	80.1
16405	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₆	Benzene	80.1
		" "			"	
16406	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₇ N	Aniline	184.35
16407	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₇ N	Aniline	184.35
16408	C ₂ H ₆ O	Ethyl alcohol	78.3	C ₆ H ₈	Toluene	110.7
16409	C ₂ H ₆ OS	Dimethyl sulfoxide		C ₆ H ₈	Toluene	110.7
16409a	C ₂ H ₆ O ₂	Ethylene glycol	197	C ₄ H ₁₀ O	Butyl alcohol	117.7
16410	C ₂ H ₆ O ₂	Ethylene glycol	197.4	C ₅ H ₇ N	Pyridine	115
16411	C ₂ H ₆ O ₂	Ethylene glycol	197.4	C ₆ H ₆ O	Phenol	181.4
16412	C ₂ H ₆ O ₂	Ethylene glycol	197.4	C ₆ H ₆ O	Phenol	181.4
16413	C ₂ H ₆ O ₂	Ethylene glycol	197.4	C ₆ H ₆ O	Phenol	181.4
16414	C ₂ H ₆ O ₂	Ethylene glycol	197.4	C ₆ H ₆ O	Phenol	181.4
16415	C ₂ H ₆ O ₂	Ethylene glycol	197.4	C ₆ H ₇ N	Aniline	184.35
16416	C ₂ H ₆ O ₂	Ethylene glycol	196.7	C ₇ H ₈ O	<i>o</i> -Cresol	191
16417	C ₃ H ₄	Propadiene	— 32	C ₃ H ₄	Propyne	— 23.2
16418	C ₃ H ₄	Propadiene	— 32	C ₃ H ₄	Propyne	— 23.2
16419	C ₃ H ₄	Propadiene	— 32	C ₃ H ₄	Propyne	— 23.2
16420	C ₃ H ₅ ClO	Epichlorohydrin	116.45	C ₃ H ₈ O	Propyl alcohol	97.2
16421	C ₃ H ₅ ClO	Epichlorohydrin	116.45	C ₄ H ₉ I	1-Iodo-2-methylpropane	120
16422	C ₃ H ₅ ClO	Epichlorohydrin	116.45	C ₄ H ₁₀ O	Isobutyl alcohol	108.0
16423	C ₃ H ₅ Cl ₃	1,2,3-Trichloropropane	156.85	C ₆ H ₁₂	1-Hexene	63.5
16424	C ₃ H ₅ I	3-Iodopropene	102	C ₃ H ₇ O	Propyl alcohol	97.2
16425	C ₃ H ₅ I	3-Iodopropene	102	C ₃ H ₁₀ O	3-Pentanone	102.2
16426	C ₃ H ₅ I	3-Iodopropene	102	C ₃ H ₁₀ O	3-Pentanone	102.2
16427	C ₃ H ₅ Cl ₂ O	1,3-Dichloro-2-propanol	174.5	C ₄ H ₆ O ₄	Methyl oxalate	163.3
16428	C ₃ H ₅ Cl ₂ O	1,3-Dichloro-2-propanol	174.5	C ₆ H ₁₂ O ₃	Propyl lactate	171.7

TABLE II. Ternary Systems

C-Component		Azeotropic Data					Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	
C ₆ H ₁₂	Cyclohexane	80.75	775 mm	Nonazeotrope			563
C ₇ H ₁₀ O	Butyl alcohol			Nonazeotrope			v-l 608
C ₆ H ₁₂	Cyclohexane	80.75		64.3?			563
C ₆ H ₁₁	Hexane	68.95		Azeotropic ?			563
C ₆ H ₆	Benzene	80.2		Min. b.p.			192
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			563
"	"		65.05	30.4	10.8	58.8	1060
"	"		64.7	29.6	12.8	57.6	v-l 204, 666, 1032c 886
C ₆ H ₁₂	Methylcyclopentane	72		Nonazeotrope			v-l 1049
C ₆ H ₁₁	Hexane	68.7		Nonazeotrope			949
"	"	68.95		Nonazeotrope			949
C ₇ H ₁₄	Methylcyclohexane	100.88		Nonazeotrope			v-l 949
C ₇ H ₁₆	Heptane	98.4		Nonazeotrope			698, 1002
"	" 180 mm		32.38	22.4	74.2	3.4	v-l 708
C ₇ H ₈	Toluene	110.7		Nonazeotrope			390
C ₇ H ₁₆	Heptane	98.4		Nonazeotrope			v-l 390
C ₇ H ₁₆	Heptane	98.4					v-l 390
C ₇ H ₁₆	Heptane	98.4					v-l 1022
C ₆ H ₁₂ O ₂	Butyl acetate	126	725 mm	Nonazeotrope			v-l 608c
C ₆ H ₆ O	Phenol	181.4		Nonazeotrope			791
C ₈ H ₇ N	2-Picoline	128.8	185.01	5.9	79.1	15.0	791
C ₈ H ₇ N	3-Picoline	143.5	186.41	15.9	67.7	16.4	790,791
C ₈ H ₉ N	2,6-Lutidine	142	185.04	8.7	74.6	16.7	791
C ₈ H ₁₁ N	2,4,6-Collidine	171	188.55	29.5	54.8	15.7	791
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	162.45				563
C ₈ H ₁₁ N	<i>s</i> -Collidine	171.30	189.65	33.6	62.4	4.0	505
C ₃ H ₆	Propene	— 47.7		Nonazeotrope			981
C ₃ H ₈	Propane	— 42.1		Nonazeotrope			981
C ₄ H ₆	Butadiene	— 4.5		Nonazeotrope			981
C ₇ H ₈	Toluene	110.7		Nonazeotrope			563
C ₆ H ₁₂ O ₂	Ethyl butyrate	119.9		Nonazeotrope			563
C ₇ H ₈	Toluene	110.7		Nonazeotrope			563
C ₆ H ₁₄	Hexane	68.74		Nonazeotrope			v-l 933
C ₅ H ₁₀ O	3-Pentanone	102.2		Nonazeotrope			563
C ₅ H ₁₀ O ₂	Propyl acetate	101.55		Azeotropic ?			563
C ₇ H ₁₄	Methylcyclohexane	101.8		Azeotropic ?			563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563
C ₇ H ₇ Cl	α -Chlorotoluene	179.35		Nonazeotrope			563

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16429	C ₃ H ₆ Cl ₂ O	1,3-Dichloro-2-propanol	174.5	C ₆ H ₁₂ O ₃	Propyl lactate	171.7
16430	C ₂ H ₆ Cl ₂ O	1,3-Dichloro-2-propanol	174.5	C ₇ H ₇ Cl	α -Chlorotoluene	179.35
16431	C ₃ H ₆ Cl ₂ O	2,3-Dichloro-1-propanol	56.1	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7
16431a	C ₃ H ₆ O	Acetone	56.1	C ₃ H ₆ O ₂	Methyl acetate	57.1
16431b	C ₃ H ₆ O	Acetone	56.1	C ₃ H ₆ O ₂	Methyl acetate	57.1
16432	C ₃ H ₆ O	Acetone	56.1	C ₃ H ₆ O ₂	Methyl acetate	56.3
		"		"	"	
16433	C ₃ H ₆ O	Acetone	56.25	C ₃ H ₈ O	Isopropyl alcohol	82.3
16433a	C ₃ H ₆ O	Acetone	56.1	C ₃ H ₈ O	Isopropyl alcohol	82.3
16433b	C ₃ H ₆ O	Acetone	56.1	C ₃ H ₈ O	Isopropyl alcohol	82.3
16433c	C ₄ H ₈ O	Acetone	56.1	C ₄ H ₈ O	2-Butanone	79.6
16434	C ₃ H ₆ O	Acetone	56.5	C ₄ H ₉ Cl	1-Chloro-2-methylpropane	68.85
16435	C ₃ H ₆ O	Acetone	56.5	C ₅ H ₈	Isoprene	34.1
16436	C ₃ H ₆ O	Acetone	56.1	C ₅ H ₈	Isoprene	34.1
16437	C ₃ H ₆ O	Acetone	56.1	C ₆ H ₅ Cl	Chlorobenzene	131.8
16438	C ₆ H ₆ O	Acetone	56.4	C ₆ H ₆	Benzene	80.1
16438a	C ₆ H ₆ O	Acetone	56.1	C ₆ H ₆	Benzene	80.1
16439	C ₃ H ₆ O	Acetone	56.4	C ₇ H ₈	Toluene	110.4
16440	C ₃ H ₆ O	Allyl alcohol	97.1	C ₆ H ₁₄ O	Isopropyl ether	68.3
16441	C ₃ H ₆ O ₂	Methyl acetate	57.1	C ₆ H ₆	Benzene	80.1
16442	C ₃ H ₆ O ₂	Propionic acid	140.7	C ₅ H ₅ N	Pyridine	115.5
16443	C ₃ H ₇ NO	Dimethylformamide		C ₇ H ₈	Toluene	110.7
		"		"	"	
16443a	C ₄ H ₈ O	Isopropyl alcohol	82.3	C ₄ H ₈ O	2-Butanone	79.6
16444	C ₃ H ₈ O	Isopropyl alcohol	82.45	C ₄ H ₈ O ₂	Ethyl acetate	77.05
16445	C ₃ H ₈ O	Isopropyl alcohol	82.3	C ₅ H ₁₀ O ₂	Isopropyl acetate	88.7
16446	C ₃ H ₈ O	Isopropyl alcohol	82.3	C ₆ H ₆	Benzene	80.1
		"		"	"	
16447	C ₃ H ₈ O	Propyl alcohol	97.2	C ₅ H ₁₀ O	3-Pentanone	102.2
16448	C ₃ H ₈ O	Propyl alcohol	97.2	C ₆ H ₆	Benzene	80.2
		"		"	"	
		"		"	"	
		"		"	"	
16448a	C ₃ H ₈ O	Propyl alcohol	97.2	C ₆ H ₆	Benzene	80.1
16449	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	C ₆ H ₆	Benzene	80.1
16450	C ₃ H ₈ O ₂	2-Methoxyethanol	124.5	C ₈ H ₈	Styrene	144
16451	C ₃ H ₈ O ₂	Methylal	42.25	C ₅ H ₁₀	2-Methyl-2-butene	37.15

TABLE II. Ternary Systems

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C-Component		Azeotropic Data					Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	165.5?				563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	165.5?				563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563
C ₄ H ₈ O	2-Butanone	79.6		Nonazeotrope			v-1 31f
C ₄ H ₈ O ₂	Ethyl acetate	77.0		Nonazeotrope			v-1 507k
C ₆ H ₁₄	Hexane	68.7	49.7	51.1	5.6	43.3	497
	"	68.7	47	45	7	48	981
C ₆ H ₁₀ O ₂	Isopropyl acetate	88.7		Nonazeotrope			981
C ₆ H ₆	Benzene	80.1		Nonazeotrope			v-1 996f
C ₇ H ₈	Toluene	110.7		Nonazeotrope			v-1 996f
C ₄ H ₈ O ₂	Ethyl acetate	77.0		Nonazeotrope			v-1 31f
C ₆ H ₁₄	Hexane	68.95		Nonazeotrope			563
C ₅ H ₁₀	2-Methyl-2-butene	38.5		Nonazeotrope			716
C ₉ H ₁₂	2-Methylbutane	27.9		Nonazeotrope			716
C ₆ H ₆	Benzene	80.1		Nonazeotrope			v-1 290
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			v-1 502
C ₇ H ₈	Toluene	110.7		Nonazeotrope			v-1 996f
C ₇ H ₁₄	Methylcyclohexane	100.8		Liquid-vapor equilibrium			86
C ₉ H ₁₆ O ₂	2,2-Bis(allyloxy) propane			Nonazeotrope			981
C ₆ H ₁₂	Cyclohexane	80.7		Nonazeotrope			681
C ₁₁ H ₂₄	Undecane	194.5	147.1	55.5	26.4	18.1	1068
C ₇ H ₁₆	Heptane	90°C					v-1 1022
	"		~ 68.3				563
C ₆ H ₁₂	Cyclohexane	80.7	68.9	23.3	16.7	60	597c
C ₆ H ₁₂	Cyclohexane	80.75	68.3				563
C ₆ H ₁₄ O	Isopropyl ether	68.3		Nonazeotrope			981
C ₆ H ₁₂	Cyclohexane	80.75		Azeotrope			614
	"		69.1	31.1	15.0	53.9	v-1 683
C ₆ H ₁₀ O ₂	Propyl acetate	101.55		Nonazeotrope			563
C ₆ H ₁₂	Cyclohexane	80.75	<74?				563
	"		73.81	15.5	30.4	54.2	v-1 661
	"		73.75	18	28	54	614,1060
	" 66.7-216.7 p.s.i.g.						v-1 939
C ₇ H ₁₆	Heptane	98		Nonazeotrope			v-1 302e
C ₆ H ₁₂	Cyclohexane	80.75	73	9	39.1	51.9	v-1 961
C ₈ H ₁₀	Ethylbenzene		62 mm	Nonazeotrope			v-1 421
C ₅ H ₁₂	Pentane	36.15		Nonazeotrope			563

A-Component				B-Component		
No.	Formula		B.P., °C.	Formula	Name	B.P., °C.
16451a	C ₄ H ₆	Vinyl acetylene	5.0	C ₄ H ₆	1,3-Butadiene	-4.6
16451b	C ₄ H ₆	Vinyl acetylene	5.0	C ₄ H ₁₀	Butane	-0.5
16451c	C ₄ H ₆	1,3-Butadiene	-4.6	C ₄ H ₆	1-Butyne	7
16451d	C ₄ H ₆	1,3-Butadiene	-4.6	C ₄ H ₁₀	Butane	-0.5
16452	C ₄ H ₈ O ₄	Methyl oxalate	163.3	C ₆ H ₇ O ₂	2-Furaldehyde	161.5
16453	C ₄ H ₈ O ₄	Methyl oxalate	163.3	C ₆ H ₅ Br	Bromobenzene	156.1
16454	C ₄ H ₈ O ₄	Methyl oxalate	163.3	C ₆ H ₅ Br	Bromobenzene	156.1
16455	C ₆ H ₈ O ₄	Methyl oxalate	163.3	C ₆ H ₁₂ O	Cyclohexanol	160.65
16456	C ₆ H ₈ O ₄	Methyl oxalate	163.3	C ₆ H ₁₂ O	Cyclohexanol	160.65
16457	C ₆ H ₈ O ₄	Methyl oxalate	163.3	C ₆ H ₁₂	Mesitylene	164.0
16458	C ₄ H ₇ BrO ₂	Ethyl bromo- acetate	158.2	C ₆ H ₅ Br	Bromobenzene	156.1
16459	C ₄ H ₇ BrO ₂	Ethyl bromo- acetate	158.2	C ₆ H ₁₂ O	Cyclohexanol	160.65
16460	C ₄ H ₇ BrO ₂	Ethyl bromo- acetate	158.2	C ₇ H ₈ O	Anisole	158.85
16461	C ₄ H ₇ ClO ₂	Ethyl chloro- acetate	143.5	C ₇ H ₈ O ₃	Methyl lactate	144.8
16462	C ₄ H ₇ ClO ₂	Ethyl chloro- acetate	143.5	C ₇ H ₁₄ O ₂	Propyl butyrate	143
16463	C ₄ H ₈ O	2-Butanone	79.6	C ₄ H ₈ O ₂	Ethyl acetate	77.1
16464	C ₄ H ₈ O	2-Butanone	79.6	C ₄ H ₈ O ₂	Propyl formate	80.8
16465	C ₄ H ₈ O	2-Butanone	79.6	C ₄ H ₁₀ O	Butyl alcohol	117.5
16466	C ₄ H ₈ O	2-Butanone	79.6	C ₆ H ₆	Benzene	80.1
		"			"	
16467	C ₄ H ₈ O	2-Butanone	79.6	C ₇ H ₈	Toluene	110.7
16468	C ₄ H ₈ O ₂	Butyric acid	162.45	C ₅ H ₇ N	Pyridine	115.5
16469	C ₄ H ₈ O ₂	Dioxane	101.1	C ₄ H ₁₀ O	Isobutyl alcohol	107
16470	C ₄ H ₈ O ₂	Dioxane	101.1	C ₆ H ₁₂	1-Hexene	63.5
16471	C ₄ H ₈ O ₂	Ethyl acetate	77.1	C ₄ H ₁₀ O	Butyl alcohol	117.7
16472	C ₄ H ₈ O ₂	Ethyl acetate	77.05	C ₆ H ₆	Benzene	80.1
16473	C ₄ H ₈ O ₂	Isobutyric acid	154.35	C ₆ H ₅ Br	Bromobenzene	156.1
16474	C ₄ H ₈ O ₂	Isobutyric acid	154.35	C ₇ H ₈ O	Anisole	153.85
16475	C ₄ H ₈ O ₂ S	Sulfolane		C ₇ H ₈ O	Toluene	110.7
16476	C ₄ H ₉ Cl	Chlorobutane	78.44	C ₄ H ₁₀ O	Butyl alcohol	117.73
16477	C ₄ H ₉ Cl ₃ Sn	Butyltin trichloride	113/17	C ₄ H ₉ Cl ₂ Sn	Dibutyltin dichloride	157/17
16478	C ₄ H ₁₀ O	Butyl alcohol	117.7	C ₄ H ₁₁ N	Butylamine	77.8
16479	C ₄ H ₁₀ O	Butyl alcohol	117.75	C ₅ H ₇ N	Pyridine	115.5
		"			"	
16480	C ₄ H ₁₀ O	Butyl alcohol	117.75	C ₆ H ₆	Benzene	80.1
		"			"	
16481	C ₄ H ₁₀ O	Butyl alcohol	117.7	C ₆ H ₆	Benzene	80.1
16481a	C ₆ H ₁₀ O	Butyl alcohol	117.7	C ₆ H ₁₂ O	Cyclohexanol	160.6
16481b	C ₆ H ₁₀ O	Butyl alcohol	117.7	C ₆ H ₁₂ O ₂	Butyl acetate	126

C-Component			Azeotropic Data				Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	
C ₄ H ₈	<i>cis</i> -2-Butene	1		Nonazeotrope		v-l	149c
C ₄ H ₁₀	2-Methylpropane	-10		Nonazeotrope		v-l	149c
C ₄ H ₁₀	Butane	-0.5		Nonazeotrope		v-l	149c
C ₄ H ₁₀	2-Methylpropane	-10		Nonazeotrope		v-l	149c
C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope			563
C ₆ H ₁₂ O	Cyclohexanol	160.65		Nonazeotrope			563
C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope			563
C ₉ H ₁₂	Mesitylene	174	< 154.5				563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Reacts			563
C ₁₀ H ₁₆	Nopinene	163.8		Nonazeotrope			563
C ₁₀ H ₁₆	α -Pinene	155.8	< 152.3?				563
C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope			563
C ₁₀ H ₁₆	α -Pinene	155.8	< 150.4				563
C ₈ H ₁₀	<i>m</i> -Xylene	139.0		Nonazeotrope			563
C ₈ H ₁₀	<i>m</i> -Xylene	139.0		Nonazeotrope			563
C ₆ H ₁₄	Hexane	68.7		Nonazeotrope		v-l	331
C ₆ H ₆	Benzene	80.2		Nonazeotrope			563
C ₇ H ₁₆	Heptane	98.5		Nonazeotrope		v-l	27
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope		v-l	184, 212
	" 14.7-186.8 p.s.i.g.			Nonazeotrope		v-l	184, 940
C ₇ H ₁₆	<i>n</i> -Heptane	98.45		Nonazeotrope		v-l	917
C ₁₁ H ₂₄	Undecane	194.5		Nonazeotrope			1068
C ₇ H ₈	Toluene	110.6	101.8	44.3	26.7	30.0	1038
C ₆ H ₁₄	Hexane	68.74		Nonazeotrope		v-l	933
C ₇ H ₈	Toluene	110.7		Nonazeotrope			589
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope		v-l	146, 147
C ₁₀ H ₁₆	α -Pinene	155.8	146.4				563
C ₁₀ H ₁₆	α -Pinene	155.8	143.9				563
C ₇ H ₁₆	Heptane		90°C			v-l	1022
C ₈ H ₁₈ O	Butyl ether	141.97		Nonazeotrope			806
C ₁₂ H ₂₇ ClSn	Tributyltin chloride	166/17		Nonazeotrope			981
C ₈ H ₁₉ N	Dibutylamine	159.6		Nonazeotrope			981
C ₇ H ₈	Toluene	110.7	108.7	11.9	20.7	67.4	392
	"			Nonazeotrope			497
C ₆ H ₁₂	Cyclohexane	80.75	77.42	4	48	48	1060
	"			Nonazeotrope		v-l	930c
C ₇ H ₁₆	Heptane	98.4		Nonazeotrope		v-l	993
C ₆ H ₁₂ O ₂	Butyl acetate	126	725 mm	Nonazeotrope		v-l	684d
C ₇ H ₈	Toluene	110.7	725 mm	Nonazeotrope		v-l	608f

A-Component			B-Component			
No.	Formula	B.P., °C.	Formula	Name	B.P., °C.	
16482	C ₄ H ₁₀ O	Butyl alcohol	117.7	C ₆ H ₁₂ O ₂	Butyl acetate	126.1
16482a	C ₄ H ₁₀ O	Butyl alcohol	117.7	C ₆ H ₁₂ O ₂	Isobutyl acetate	117.2
16482b	C ₄ H ₁₀ O	<i>tert</i> -Butyl alcohol	82.5	C ₆ H ₆	Benzene	80.1
16483	C ₄ H ₁₀ O	Ethyl ether	34.6	C ₅ H ₁₀	2-Methyl-2-butene	37.15
16484	C ₄ H ₁₀ O	Isobutyl alcohol	107.0	C ₆ H ₆	Benzene	80.1
16484a	C ₄ H ₁₀ O	Isobutyl alcohol	108	C ₆ H ₆	Benzene	80.1
16485	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.1	C ₆ H ₁₂	1-Hexene	63.5
16486	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.1	C ₈ H ₈	Styrene	145
		"		"	"	
16487	C ₄ H ₁₀ O ₂	2-Ethoxyethanol	135.1	C ₈ H ₁₀	Ethylbenzene	136.15
16488	C ₄ H ₆ O ₂	2-Furaldehyde	161.7	C ₆ H ₆	Benzene	80.1
16489	C ₇ H ₈ O ₂	2-Furaldehyde	161.7	C ₇ H ₈	Toluene	110.7
16490	C ₇ H ₈ O ₂	2-Furaldehyde	161.7	C ₇ H ₈	Toluene	110.7
16491	C ₇ H ₈ O ₂	2-Furaldehyde	161.7	C ₇ H ₁₄	Methylcyclohexane	101.1
16492	C ₅ H ₅ N	Pyridine	115.3	C ₅ H ₁₁ N	Piperidine	105.8
16493	C ₅ H ₅ N	Pyridine	115.5	C ₅ H ₁₂ O	Isoamyl alcohol	131
16494	C ₅ H ₅ N	Pyridine	115.5	C ₈ H ₁₀	Ethylbenzene	136.15
16495	C ₇ H ₁₀ O ₂	Isovaleric acid	176.5	C ₇ H ₆ O	Benzaldehyde	179.2
16496	C ₇ H ₁₀ O ₂	Isovaleric acid	176.5	C ₇ H ₆ O	Benzaldehyde	179.2
16497	C ₇ H ₁₀ O ₂	Isovaleric acid	176.5	C ₇ H ₇ Cl	α -Chlorotoluene	179.35
16498	C ₇ H ₁₀ O ₂	Isovaleric acid	176.5	C ₇ H ₇ Cl	α -Chlorotoluene	179.35
16499	C ₇ H ₁₀ O ₂	Isovaleric acid	176.5	C ₇ H ₇ Cl	α -Chlorotoluene	179.35
16500	C ₆ H ₅ Br	Bromobenzene	156.1	C ₆ H ₆ O	Phenol	181.5
16501	C ₆ H ₅ Br	Bromobenzene	156.1	C ₆ H ₁₂ O	Cyclohexanol	160.65
16502	C ₆ H ₅ Br	Bromobenzene	156.1	C ₆ H ₁₂ O	Cyclohexanol	160.65
16503	C ₆ H ₅ Br	Bromobenzene	156.1	C ₆ H ₁₃ ClO ₂	Chloroacetal	156.8
16504	C ₆ H ₅ ClO	<i>o</i> -Chlorophenol	175.5	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75
16505	C ₆ H ₅ NO ₂	Nitrobenzene	210.85	C ₇ H ₈ O	Benzyl alcohol	205.5
16506	C ₆ H ₆	Benzene	80.1	C ₆ H ₇ N	Aniline	184.4
16507	C ₆ H ₆	Benzene	80.1	C ₆ H ₁₂	Cyclohexane	80.7
16508	C ₆ H ₆	Benzene	80.1	C ₆ H ₁₂	Cyclohexane	80.75
16508a	C ₆ H ₆	Benzene	80.1	C ₆ H ₁₂	Cyclohexane	80.75
16509	C ₆ H ₆	Benzene	80.1	C ₆ H ₁₂	Methylcyclopentane	
16510	C ₆ H ₆	Benzene	80.1	C ₇ H ₁₆	2,3-Dimethyl- pentane	89.8
16511	C ₆ H ₆ O	Phenol	181.4	C ₆ H ₇ N	Aniline	184.4
		"		"	"	
		"		"	"	
		"		"	"	
16512	C ₆ H ₆ O	Phenol	182	C ₆ H ₁₀ O	Cyclohexanone	155.6
16513	C ₆ H ₆ O	Phenol	182	C ₆ H ₁₀ O ₄	Ethylene diacetate	186
16514	C ₆ H ₆ O	Phenol	181.5	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75
16514a	C ₆ H ₆ O	Phenol	181.4	C ₇ H ₉ N	2,4-Lutidine	159

C-Component			Azeotropic Data					Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C		
C ₈ H ₁₈ O	Butyl ether	142.1		Nonazeotrope			981	
C ₇ H ₈	Toluene	110.7				v-1	331c	
C ₆ H ₁₂	Cyclohexane	80.75				v-1	793c	
C ₅ H ₁₂	Pentane	36.15		Nonazeotrope			563	
C ₆ H ₁₂	Cyclohexane	80.75	76.73	8	42	50	425,1060	
C ₆ H ₁₂	Cyclohexane	80.75	77.2	43.2	47.0	9.8	v-1 686f	
C ₆ H ₁₄	Hexane	68.74		Nonazeotrope			v-1 933	
C ₈ H ₁₀	Ethylbenzene	136.15		Nonazeotrope			v-1 294	
	" 5-62 mm			Nonazeotrope			v-1 421	
C ₈ H ₁₈	Octane	125.75		Nonazeotrope			v-1 673	
C ₆ H ₁₂	Cyclohexane	80.75		Nonazeotrope			v-1 961	
C ₇ H ₁₄	Methylcyclohexane	101.1		Nonazeotrope			v-1 317	
C ₇ H ₁₆	Heptane	98.4		Nonazeotrope			v-1 317	
C ₇ H ₁₆	Heptane	98.4		Nonazeotrope			v-1 317	
C ₈ H ₁₄	Diisobutylene	102.5	98.6				240	
C ₇ H ₈	Toluene	110.7	110.19	8.6	4.1	87.3	1069	
C ₉ H ₂₀	Nonane	150.7		Nonazeotrope			309,1061	
C ₇ H ₇ Cl	α -Chlorotoluene	179.35		Nonazeotrope			563	
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	168.7				563	
C ₁₀ H ₁₄	Cymene	175.3	167.8?				563	
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	168.7?				563	
C ₁₀ H ₁₈ O	Cineole	176.3		Azeotropic ?			563	
C ₇ H ₁₆	α -Pinene	155.8	152.6?				563	
C ₇ H ₁₆	Camphene	~158	>153.4?				563	
C ₁₀ H ₁₆	α -Pinene	155.8		Azeotropic ?			563	
C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope			563	
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563	
C ₁₁ H ₂₄ O ₂	Diisoamyloxy- methane	207.5	197?				563	
C ₆ H ₁₂	Cyclohexane	80.7		Nonazeotrope			v-1 758	
C ₆ H ₁₂	Methylcyclopentane	71.8		Nonazeotrope			v-1 936	
C ₆ H ₁₂ O	4-Methyl-2- pentanone	115.9		Nonazeotrope			v-1 188	
C ₆ H ₁₄	Hexane	68.8		Nonazeotrope			v-1 807c	
C ₆ H ₁₄	Hexane			Nonazeotrope			v-1 55	
C ₁₂ F ₂₇ N	Perfluorotributylamine			Nonazeotrope			v-1 509	
C ₁₁ H ₂₈	Tridecane	234	184.45	33.5	48.5	18.0	911	
"	"	600 mm	175.90	33.9	48.1	18.0	911	
"	"	500 mm	169.37	33.7	47.0	19.3	911	
"	"	400 mm	161.71	33.5	46.7	19.8	911	
C ₆ H ₁₂ O	Cyclohexanol	160.65	90 mm	Nonazeotrope			v-1 177	
C ₈ H ₈ O ₂	Phenyl acetate	195.7	194.45	26.4	34.4	39.2	721	
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563	
C ₁₁ H ₂₄	Undecane	194.5	181.78	19.88	21.52	58.60	263i	

A-Component			B-Component			
No.	Formula	B.P., °C.	Formula	Name	B.P., °C.	
16515	C ₆ H ₇ N	Aniline	184.35	C ₆ H ₁₀ O ₄	Ethyl oxalate	185
16516	C ₆ H ₇ N	Aniline	184.35	C ₆ H ₁₀ O ₄	Ethyl oxalate	185
16517	C ₆ H ₇ N	Aniline	184.35	C ₆ H ₁₀ O ₄	Ethyl oxalate	185
16518	C ₆ H ₇ N	Aniline	184.35	C ₆ H ₁₀ O ₄	Ethyl oxalate	185
16519	C ₆ H ₇ N	Aniline	184.35	C ₆ H ₁₂ O	Cyclohexanol	160.65
16520	C ₆ H ₇ N	Aniline	184.35	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75
16521	C ₆ H ₇ N	Aniline	184.35	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75
16522	C ₆ H ₇ N	Aniline	184.35	C ₇ H ₈	Toluene	110
16523	C ₆ H ₇ N	Aniline	184.35	C ₇ H ₈	Toluene	110.7
16524	C ₆ H ₇ N	Aniline	184.35	C ₇ H ₈ O	Benzyl alcohol	205.5
16525	C ₆ H ₇ N	Aniline	184.35	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7
16526	C ₆ H ₁₀ O	Cyclohexanone	156.7	C ₇ H ₈ O	Anisole	153.85
16527	C ₆ H ₁₀ O ₃	Ethyl aceto- acetate	180.7	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75
16528	C ₆ H ₁₀ O ₃	Ethyl aceto- acetate	180.7	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35
16529	C ₆ H ₁₀ O ₃	Ethyl aceto- acetate	180.7	C ₇ H ₁₂	Mesitylene	164.0
16530	C ₆ H ₁₀ O ₄	Ethyl oxalate	185	C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75
16531	C ₆ H ₁₂ O	Cyclohexanol	160.65	C ₇ H ₈ O	Anisole	153.85
16532	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35
16533	C ₆ H ₁₂ O ₃	Propyl lactate	171.7	C ₈ H ₁₀ O	Phenetole	171.5
16534	C ₆ H ₁₄ O ₂	2-Butoxyethanol		C ₇ H ₈	Toluene	110.7
16535	C ₆ H ₁₄ O ₂	Hexylene glycol		C ₈ H ₁₀	Ethylbenzene	136.15
16536	C ₇ H ₈ O	Benzaldehyde	179.2	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35
16537	C ₇ H ₈ O	Benzaldehyde	179.2	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35
16538	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35	C ₇ H ₈ O	Benzyl alcohol	
		"		"	"	
16539	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene		C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15
16540	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15
16541	C ₇ H ₇ Cl	<i>α</i> -Chlorotoluene	179.35	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7
16542	C ₇ H ₈	Toluene	110.4	C ₇ H ₁₄	Methylcyclohexane	100.8
16543	C ₇ H ₈	Toluene	110.6	C ₇ H ₁₄	3-Heptene	
16544	C ₇ H ₈	Toluene	110.6	C ₇ H ₁₆	Heptane	
16545	C ₇ H ₈ O	<i>x</i> -Cresol	202	C ₇ H ₉ N	Pyridine bases	143
16546	C ₇ H ₈ O	<i>x</i> -Cresol	202	C ₇ H ₉ N	Pyridine bases	157
16547	C ₇ H ₈ O	<i>x</i> -Cresol	202	C ₇ H ₉ N	Pyridine bases	163
16548	C ₇ H ₉ O	<i>m</i> -Cresol	202.8	C ₈ H ₁₁ N	2,4,6-Collidine	171
16549	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7
16550	C ₇ H ₁₄ O ₃	Isobutyl lactate	182.15	C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7
16551	C ₈ H ₁₀	Ethylbenzene	136.1	C ₈ H ₁₂	Isopropylbenzene	152.8

TABLE II. Ternary Systems

C-Component			Azeotropic Data				Ref.
Formula	Name	B.P., °C.	B.P., °C.	Wt. % A	Wt. % B	Wt. % C	
C ₇ H ₇ Br	<i>o</i> -Bromotoluene	181.75		Reacts			563
C ₇ H ₇ Br	<i>p</i> -Bromotoluene	185		Reacts			563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Reacts			563
C ₁₀ H ₁₆	Terpinene	180.5		Reacts			563
C ₆ H ₁₁ N	Cyclohexylamine			Nonazeotrope			v-l 704
C ₈ H ₁₈ O	<i>sec</i> -Octyl alcohol	178.7		Nonazeotrope			563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563
C ₇ H ₁₄	Methylcyclohexane	101.1	80° to 100°C.	Evaporation data			851
C ₇ H ₁₆	Heptane	98.4		Nonazeotrope			v-l 390
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563
C ₁₀ H ₁₆	<i>a</i> -Pinene	155.8		Nonazeotrope ?			563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	168.8?				563
C ₁₀ H ₁₆	Nopinene	163.8		Nonazeotrope			563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563
C ₁₀ H ₁₆	α -Pinene	155.8		Nonazeotrope			563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563
C ₁₀ H ₁₈	Menthene	170.8	163.0	31	33	36	563
C ₇ H ₁₆	Heptane		90°				v-l 1022
C ₈ H ₁₆	Ethylcyclohexane	131.8	400 mm	Nonazeotrope			v-l 771
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Nonazeotrope			563
C ₁₀ H ₁₆	Terpinene	180.5		Nonazeotrope			563
C ₉ H ₁₀ O ₂	Benzyl acetate		15 mm	Nonazeotrope			v-l 496
	" "		760 mm	Nonazeotrope			v-l 496
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8	172.5				563
C ₁₀ H ₁₆	Terpinene	180.5		Azeotrope doubtful			563
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Azeotropic ?			563
C ₇ H ₁₆	<i>n</i> -Heptane	98.4		Liquid-vapor equilibrium			84
C ₇ H ₁₆	Heptane	98.4		Nonazeotrope			v-l 1016
C ₈ H ₁₀	<i>p</i> -Xylene		90°C	Nonazeotrope			v-l 1022
C ₁₀ H ₈	Naphthalene	218.1	202.81	81	9	10	1065
C ₁₀ H ₈	Naphthalene	218.1	202.03	65.5	16.5	18	1065
C ₁₀ H ₈	Naphthalene	218.1	202.39	62	17	21	1065
C ₁₀ H ₈	Naphthalene	217.9	205.8	61.5	20.8	17.7	v-l 506
C ₁₀ H ₁₆	<i>d</i> -Limonene	177.8		Reacts			563
C ₁₀ H ₁₆	Terpinene	180.5		Nonazeotrope			563
C ₁₀ H ₁₄	Butylbenzene	183.1		Nonazeotrope			v-l 586

Table III. Quaternary

	Formula	Name	B.P., °C
16551a	A CHN	Hydrocyanic acid	26
	B H ₂ O	Water	100
	C C ₃ H ₃ N	Acrylonitrile	77.3
	D C ₃ H ₄ O	Acrolein	52.4
16551b	A CHN	Hydrocyanic acid	26
	B C ₂ H ₃ N	Acetonitrile	81.6
	C C ₃ H ₃ N	Acrylonitrile	77.3
	D C ₃ H ₄ O	Acrolein	52.4
16551c	A H ₂ O	Water	100
	B CH ₂ O ₂	Formic acid	100.8
	C C ₂ H ₄ O ₂	Acetic acid	118.1
	D C ₄ H ₈ O ₂	Butyric acid	162.4
16552	A H ₂ O	Water	100.0
	B CH ₃ NO ₂	Nitromethane	101.2
	C C ₂ Cl ₄	Tetrachloroethylene	120.8
	D C ₃ H ₈ O	Propyl alcohol	97.2
16553	A H ₂ O	Water	100.0
	B CH ₃ NO ₂	Nitromethane	101.2
	C C ₂ Cl ₄	Tetrachloroethylene	120.8
	D C ₈ H ₁₈	<i>n</i> -Octane	125.75
16554	A H ₂ O	Water	100.0
	B CH ₃ NO ₂	Nitromethane	101.2
	C C ₃ H ₈ O	Propyl alcohol	97.2
	D C ₈ H ₁₈	<i>n</i> -Octane	125.75
16555	A H ₂ O	Water	100.0
	B C ₂ Cl ₄	Tetrachloroethylene	120.8
	C C ₃ H ₈ O	Propyl alcohol	97.2
	D C ₈ H ₁₈	<i>n</i> -Octane	125.75
16556	A H ₂ O	Water	100
	B C ₂ H ₃ N	Acetonitrile	81.6
	C C ₂ H ₅ O	Ethyl alcohol	78.3
	D C ₆ H ₁₅ N	Triethylamine	89.7
16557	A H ₂ O	Water	100
	B C ₂ H ₅ O	Ethyl alcohol	78.3
	C C ₄ H ₆ O	Crotonaldehyde	102.2
	D C ₄ H ₈ O ₂	Ethyl acetate	77.1

and Quinary Systems

Azeotropic Data						
B.P., °C	Azeotropic Composition				E	Ref.
	A	B	C	D		
	Nonazeotrope				v-1	905f, 905m
	Nonazeotrope				v-1	905f, 905m
	Nonazeotrope					v-1 507c
76.88	7.38	20.65	59.45	12.52	—	611
77.06	9.86	34.40	32.60	23.14	—	611
76.34	9.98	41.00	12.42	36.60	—	611
80.98	—	—	—	—	—	611
	Nonazeotrope					981
70	8.7	11.1	0.1	80.1	—	227

	Formula	Name	B.P., °C
16558	A H ₂ O	Water	100
	B C ₂ H ₆ O	Ethyl alcohol	78.3
	C C ₆ H ₆	Benzene	80.1
	D C ₆ H ₁₂	Cyclohexane	80.75
16559	A H ₂ O	Water	100
	B C ₂ H ₆ O	Ethyl alcohol	78.3
	C C ₆ H ₆	Benzene	80.1
	D C ₆ H ₁₄	Hexane	68.95
16560	A H ₂ O	Water	100
	B C ₂ H ₆ O	Ethyl alcohol	78.3
	C C ₆ H ₆	Benzene	80.1
	D C ₇ H ₁₄	Methylcyclohexane	100.88
16561	A H ₂ O	Water	100
	B C ₂ H ₆ O	Ethyl alcohol	78.3
	C C ₆ H ₆	Benzene	80.1
	D C ₇ H ₁₆	Heptane	98.4
16562	A H ₂ O	Water	100
	B C ₂ H ₆ O	Ethyl alcohol	78.3
	C C ₆ H ₆	Benzene	80.1
	D C ₈ H ₁₈	Iso-octane	
16563	A H ₂ O	Water	100
	B C ₄ H ₉ Cl	1-Chlorobutane	78.44
	C C ₄ H ₁₀ O	Butyl alcohol	117.73
	D C ₆ H ₁₀ O	Butyl ether	
16563a	A CHCl ₃	Chloroform	61.2
	B CH ₃ O	Methanol	64.6
	C C ₃ H ₆ O ₂	Methyl acetate	56.9
	D C ₆ H ₆	Benzene	80.1
16564	A C ₂ H ₄ O ₂	Acetic acid	118.1
	B C ₅ H ₇ N	Pyridine	115
	C C ₉ H ₁₀	Ethylbenzene	136.4
	D C ₉ H ₂₀	Nonane	150.8
16565	A C ₂ H ₄ O ₂	Acetic acid	118.1
	B C ₅ H ₇ N	Pyridine	115
	C C ₈ H ₁₀	<i>p</i> -Xylene	138.4
	D C ₉ H ₂₀	Nonane	150.8

B.P., °C	Azeotropic Data					E	Ref.
	A	B	C	D	Azeotropic Composition		
62.19	7.1	17.4	21.5	54.0	—	—	1054
62.14	6.1	19.2	20.4	54.3	—	—	942, 1059
	Nonazeotrope						949
	Nonazeotrope						949
64.79	6.8	18.7	62.4	12.1	—		948
64.69	6.7	17.7	61.4	14.1	—		948
	Nonazeotrope						806
	Nonazeotrope						v-1 406a
27.9	17	27	18	38	—		309
	Nonazeotrope						307

	Formula	Name	B.P., °C
16565a	A C ₃ H ₆ O	Acetone	56.1
	B C ₃ H ₈ O	Isopropyl alcohol	82.3
	C C ₆ H ₆	Benzene	80.1
	D C ₇ H ₈	Toluene	110.7
16565b	A C ₃ H ₆ O	Acetone	56.1
	B C ₆ H ₆	Benzene	80.1
	C C ₆ H ₁₂	Cyclohexane	80.9
	D C ₇ H ₈	Toluene	110.7
16565c	A C ₃ H ₈ O	Isopropyl alcohol	82.3
	B C ₄ H ₈ O	2-Butanone	79.6
	C C ₆ H ₆	Benzene	80.1
	D C ₆ H ₁₂	Cyclohexane	80.9
16566	A H ₂ O	Water	100
	B CH ₃ NO ₂	Nitromethane	101.2
	C C ₂ Cl ₄	Tetrachloroethylene	120.8
	D C ₃ H ₇ O	Propyl alcohol	97.2
	E C ₈ H ₁₈	<i>n</i> -Octane	125.75
16566a	A CHCl ₃	Chloroform	61.2
	B CH ₃ O	Methanol	64.6
	C C ₃ H ₆ O	Acetone	56.15
	D C ₃ H ₆ O ₂	Methyl acetate	56.9
	E C ₆ H ₆	Benzene	80.1

Azeotropic Data						
B.P., °C	Azeotropic Composition				E	Ref.
	A	B	C	D		
	Nonazeotrope				v-1	996f
	Nonazeotrope				v-1	996c
	Nonazeotrope				v-1	597a
76.5	9.45	37.30	21.15	10.58	21.52	611
					v-1	406a

Formula Index

Formula	Name and System No.
AgCl	Silver chloride. B.p. 1550 4
AlCl ₃	Aluminum chloride. B.p. 183 4a
Ar	Argon. B.p. - 186 1-3, 15826
AsCl ₃	Arsenic chloride. B.p. 130 4b-6a
AsH ₃	Arsine. B.p. - 55 6b-6d
BCl ₃	Boron trichloride. B.p. 11.5 7, 15827
BF ₃	Boron trifluoride. B.p. - 100 8-35
B ₂ H ₆	Boron hydride. B.p. -92.5 7, 8, 36-40, 15827
BeF ₂	Beryllium fluoride. 41, 40a, 15827a
BrF ₃	Bromine trifluoride. B.p. 135 42-45
BrF ₅	Bromine pentafluoride. 42, 46-47
BrH	Hydrobromic acid. B.p. -73 36, 48-50, 15828
Br ₂	Bromine. B.p. 58.75 43, 51-62
Br ₃ P	Phosphorus tribromide. B.p. 175.3 63
Br ₄ Sn	Tin tetrabromide. B.p. 206.7 64-66
C	Graphite. 67
CClN	Cyanogen chloride. B.p. 12.5 68, 68a
CCl ₂ O	Phosgene. B.p. 8.2 69, 70
CF ₂ O	Carbonyl fluoride. 71
CF ₃ O	Trifluoromethyl hypofluorite. B.p. -94.2 71
CHN	Hydrocyanic acid. B.p. 26 68, 72-76a, 15828a, 15828b, 16551a, 16551b
CO	Carbon monoxide. B.p. - 192 77, 15829, 76b, 15828c
CO ₂	Carbon dioxide. B.p. -79.1 1, 78-93, 76b, 93a, 15828c
ClF ₃	Chlorine trifluoride. 94-96, 15830

Formula	Name and System No.
ClH	Hydrochloric acid. B.p. -80 37, 78, 94, 97-104, 15827, 15831-15833, 6b, 15831a
ClHO ₁	Perchloric acid. B.p. 110 105
Cl ₂	Chlorine. B.p. -37.6 79, 97, 106-108
Cl ₂ Cu	Cupric chloride. 109, 110
Cl ₂ OSe	Selenyl chloride. B.p. 179 4b, 110a
Cl ₂ O ₂ S	Sulfuryl chloride. B.p. 69.1 111-115
Cl ₂ Pb	Lead chloride. B.p. 954 4, 109, 116
Cl ₂ S ₂	Sulfur monochloride. B.p. 138 116a
Cl ₂ Zn	Zinc chloride. B.p. 732 110, 116
Cl ₃ Fe	Ferric chloride. B.p. 315 116b, 116c
Cl ₃ HSi	Trichlorosilane. B.p. 32 117-124, 116b, 116d
Cl ₃ OP	Phosphorus oxychloride. B.p. 107.2 111, 125-126, 15834, 116d, 126a, 126b
Cl ₃ OV	Vanadium oxychloride. B.p. 126.5 125, 15834, 126c-127e
Cl ₃ P	Phosphorus trichloride. B.p. 76 117, 128-134, 4c, 125a
Cl ₃ Sb	Antimony trichloride. B.p. 220 5, 135, 136
Cl ₄ Ge	Germanium chloride. 6, 98, 126c, 136a-136g
Cl ₄ Si	Silicon tetrachloride. B.p. 56.9 128, 137-152, 116c, 136a, 152b, 15834a, 15834b
Cl ₄ Sn	Tin tetrachloride. B.p. 113.85 153-165, 6a, 110a, 126e
Cl ₄ Ti	Titanium tetrachloride. B.p. 136 126, 127, 137, 153, 166-170, 15834
Cl ₄ V	Vanadium tetrachloride. B.p. 153 127a
Cl ₅ Ta	Tantalum pentachloride. B.p. 242 4a
Cu	Copper. B.p. 2310 171, 172
DH	Deuterium hydride. 173, 174
D ₂	Deuterium. B.p. -249.7 173, 175
D ₂ O	Deuterium oxide. 176
FH	Hydrofluoric acid. B.p. 19.54 44, 46, 51, 69, 95, 106, 117-186, 15830, 15835-15839
FHO ₃ S	Fluorosulfuric acid. 15835

Formula	Name and System No.
FLi	Lithium fluoride. 40a, 15827a
FNa	Sodium fluoride. 41
F ₃ Sb	Antimony fluoride. B.p. 319 187
F ₄ Si	Silicon tetrafluoride. 15840
F ₄ Th	Thorium tetrafluoride. 15827a
F ₅ Nb	Niobium pentafluoride. 187a
F ₅ Sb	Antimony pentafluoride. B.p. 142.7 177, 187
F ₆ H ₂ Si	Fluosilicic acid. 15836
F ₆ S	Sulfur hexafluoride. 188
F ₆ U	Uranium hexafluoride. B.p. 56 45, 47, 52, 96, 178, 15830, 187a, 188a, 188b
F ₆ W	Tungsten hexafluoride. 189, 190, 188a
HI	Hydroiodic acid. B.p. -34 191, 192
HNO ₃	Nitric acid. B.p. 86 193, 194, 15841, 15842
HO ₄ Re	Rhenic acid. 194a
H ₂	Hydrogen. B.p. -252.7 80, 174, 175, 195, 15829, 194b, 195a, 15828c
H ₂ O	Water. B.p. 100 9, 48, 53, 72, 81, 99, 105, 107, 176, 179, 191, 193, 196-954, 15828, 15831, 15835-15838, 15841-16242, 16552-16563, 16566, 68a, 194a, 16551a, 15831a
H ₂ O ₂	Hydrogen peroxide. B.p. 152.1 196
H ₂ O ₄ S	Sulfuric acid. 197
H ₂ S	Hydrogen sulfide. B.p. -63.5 49, 82, 192, 198, 955, 956, 6c, 15842a
H ₃ N	Ammonia. B.p. -33 10, 199, 957-980, 16243-16247, 956a, 15842a
H ₄ N ₂	Hydrazine. B.p. 113.5 200, 981, 15843, 956a
H ₄ Si	Silane. B.p. -111.86 982
He	Helium. B.p. -268.9 983, 82a, 194b, 982a
I ₂	Iodine. B.p. 185.3 54
I ₄ Sn	Tin iodide. B.p. 340 64
Kr	Krypton. B.p. -152 983a
MnS	Manganese sulfide. 67

Formula	Name and System No.
NO	Nitric oxide. B.p. -153.6 984
NO ₂	Nitrogen peroxide. B.p. 26 984
N ₂	Nitrogen. B.p. -195 83, 985-987, 15826, 15829, 1a, 984a
N ₂ O	Nitrous oxide. B.p. -90.7 84, 988, 984a
N ₂ O ₅	Nitrogen pentoxide. 201
Ne	Neon. B.p. -245.9 195, 985, 982a
O ₂	Oxygen. B.p. -183 2, 85, 986, 15826
O ₂ S	Sulfur dioxide. B.p. -10 50, 86, 100, 108, 180, 202, 989-1007, 15839, 15844, 988a, 16247a, 16247b
O ₃ S	Sulfur trioxide. B.p. 47 203, 15841, 988a
O ₁₀ P ₄	Phosphorus pentoxide. 204
Pb	Lead. B.p. 1525 171, 1008
S	Sulfur. B.p. 444.6 1009, 1009a
Se	Selenium. B.p. 688 1009, 1010
Sn	Tin. B.p. 2275 172, 1008
Te	Tellurium 1010, 1009a
Xe	Xenon. B.p. -109 1010a
CCl ₂ F ₂	Trichlorodifluoromethane. B.p. -29.8 181, 1011-1018, 15839
CCl ₃ F	Trichlorofluoromethane. B.p. 24.9 1019-1021
CCl ₃ NO ₂	Trichloronitromethane. B.p. 111.9 1022-1084
CCl ₄	Carbon tetrachloride. B.p. 76.75 55, 112, 118, 138, 154, 166, 205, 1085-1168, 15845-15852, 16248-16262, 127b, 136b, 1168a-1168c, 15851a, 16254a
CF ₄	Carbon tetrafluoride. B.p. -128 1168d, 1168e
CS ₂	Carbon disulfide. B.p. 46.2 87, 167, 206, 1085, 1169-1278, 15853-15857, 16263-16280
CHBrCl ₂	Bromodichloromethane. B.p. 90.1 1022, 1279-1337, 15858-15861
CHBr ₃	Bromoform. B.p. 149.5 1338-1418
CHClF ₂	Chlorodifluoromethane. B.p. -40.8 182, 1011, 1419-1424
CHCl ₂ F	Dichlorofluoromethane. 1425

Formula	Name and System No.
CHCl ₃	Chloroform. B.p. 61 139, 194, 207, 1086, 1169, 1426-1502, 15842, 15862-15868, 16281-16305, 136c, 15868a, 16286a, 16297a, 16563a, 16566a
CHCl ₃ S	Perfluoromethylmercaptan. 116a
CHF ₃	Fluoroform. 1503, 1168d
CH ₂ BrCl	Bromochloromethane. B.p. 69 1504
CH ₂ Br ₂	Dibromomethane. B.p. 97.0 1023, 1505-1534
CH ₂ ClF	Chlorofluoromethane. 1534a
CH ₂ ClNO ₂	Chloronitromethane. B.p. 122.5 1535-1541
CH ₂ Cl ₂	Dichloromethane. B.p. 41.5 208, 1170, 1426, 1504, 1542-1575, 15869, 15870, 16281, 16306, 16307, 136d
CH ₂ I ₂	Diiodomethane. B.p. 181 1576-1602
CH ₂ O	Formaldehyde. B.p. -21 209
CH ₂ O ₂	Formic acid. B.p. 100.75 11, 210, 1024, 1087, 1171, 1279, 1338, 1427, 1603-1712, 15862, 15871-15875, 16282, 16551a
CH ₃ Br	Bromoethane. B.p. 3.65 1713-1720
CH ₃ Cl	Chloromethane. B.p. -23.7 88, 1012, 1721, 1722
CH ₃ Cl ₃ Si	Trichloromethylsilane. B.p. 66.4 140, 1723, 126a, 167a, 1087a, 1724a, 16307a, 16307b
CH ₃ I	Iodomethane. B.p. 42.55 1172, 1428, 1542, 1603, 1725-1747, 16263-16265, 16308, 16309
CH ₃ NO ₂	Methyl nitrite. B.p. -16 1748-1752
CH ₃ NO ₂	Nitromethane. B.p. 101 141, 211, 1025, 1088, 1173, 1280, 1429, 1604, 1753-1879, 15876-15894, 16310-16318, 16552-16554, 16566
CH ₃ NO ₃	Methyl nitrate. B.p. 64.8 212, 1089, 1174, 1281, 1543, 1725, 1880-1909
CH ₄	Methane. B.p. -164 77, 983, 987, 1910, 1911, 16319, 88a, 1910a
CH ₄ Cl ₂ Si	Dichloromethylsilane. 142, 1912
CH ₄ O	Methanol. B.p. 64.7 12, 73, 213, 1026, 1090, 1175, 1282, 1430, 1505, 1544, 1713, 1726, 1753, 1880, 1913-2127, 15853, 15863, 15985-15916, 16248, 16249, 16263, 16266-16271, 16283-16287, 16306-16308, 16320-16338, 988b, 16247a, 16338a, 16338b, 16563a, 16566a
CH ₄ S	Methanethiol. B.p. 6.8 989, 2128-2134
CH ₅ N	Methylamine. B.p. -6 214, 957, 2135-2146, 16339
CH ₆ N	Methylhydrazine. B.p. 88 215

Formula	Name and System No.
$C_2Br_2Cl_2$	1,2-Dibromodichloroethylene. B.p. 172 2147, 2148
$C_2Br_2F_4$	1,2-Dibromotetrafluoroethane. 56
C_2ClF_5	Chloropentafluoroethane. B.p. -38.5 1419, 2149
$C_2Cl_2F_4$	1,2-Dichlorotetrafluoroethane. 1425, 2150, 188b, 1534a
$C_2Cl_3F_3$	1,1,2-Trichlorotrifluoroethane. B.p. 47.6 57, 216, 1545, 1913, 2151-2153, 15895, 15917, 15839a
C_2Cl_3N	Trichloroacetonitrile. 2154
C_2Cl_4	Tetrachloroethylene. B.p. 121.1 217, 1027, 1091, 1431, 1535, 1605, 1754, 1914, 2155-2228, 15876, 15918, 15919, 16310, 16340-16347, 16552, 16553, 16555, 16566
$C_2Cl_4F_2$	1,1,1,2-Tetrachlorodifluoroethane. B.p. 91.6 58
$C_2Cl_4F_2$	1,1,2,2-Tetrachlorodifluoroethane. B.p. 92.4 2151
C_2Cl_4O	Trichloroacetyl chloride. B.p. 118 168
C_2Cl_6	Hexachloroethane. B.p. 184.8 113, 1176, 2229-2269
$C_2F_4N_2O_4$	1,1,2,2-Tetrafluorodinitroethane. 1092
C_2F_6	Hexafluoroethane. B.p. -78 2270, 15840
$C_2HBrClF_3$	2-Bromo-2-chloro-1,1,1-trifluoroethane. 2271
C_2HBrCl_2	<i>cis</i> -1-Bromo-1,2-dichloroethylene. B.p. 113.8 2272
C_2HBrCl_2	<i>trans</i> -1-Bromo-1,2-dichloroethylene. 2273
C_2HBrCl_2	1-Bromo-2,2-dichloroethylene. B.p. 107 2274
C_2HBr_2Cl	1,2-Dibromo-1-chloroethylene. B.p. 140 2275, 2276
C_2HBr_3O	Bromal. B.p. 174 2277
C_2HClF_2	Chlorodifluoroethylene. 2278
C_2HClF_4	Chlorotetrafluoroethane. B.p. -10 2279
C_2HCl_3	Trichloroethylene. B.p. 86.2 218, 1093, 1283, 1606, 1755, 1915, 2280-2335, 15920-15926, 16250, 16348
$C_2HCl_3F_2$	1,2,2-Trichloro-1,1-difluoroethane. B.p. 71.1 59
C_2HCl_3O	Chloral. B.p. 97.75 219, 1284, 1756, 2155, 2336-2370
$C_2HCl_3O_2$	Trichloroacetic acid. B.p. 196 2229, 2371-2394
C_2HCl_5	Pentachloroethane. B.p. 162.0 220, 1607, 2371, 2395-2486
$C_2HF_3O_2$	Trifluoroacetic acid. 183, 221, 2486a

Formula	Name and System No.
C_2H_2	Acetylene. B.p. -84 89, 958, 2487-2489, 16349
C_2H_2BrCl	<i>cis</i> -1-Bromo-2-chloroethylene. B.p. 106.7 1916, 2490-2493
C_2H_2BrCl	<i>trans</i> -1-Bromo-2-chloroethylene. B.p. 75.3 2494
C_2H_2BrI	<i>cis</i> -1-Bromo-2-iodoethylene. B.p. 149.05 2495-2498
$C_2H_2Br_2$	<i>cis</i> -1,2-Dibromoethylene. B.p. 112.5 1917, 2499
$C_2H_2Br_2$	<i>trans</i> -1,2-Dibromoethylene. B.p. 108 1918, 2500
C_2H_2ClI	<i>cis</i> -1-Chloro-2-iodoethylene. B.p. 116 2501, 2502
C_2H_2ClI	<i>trans</i> -1-Chloro-2-iodoethylene. B.p. 113 2503
$C_2H_2Cl_2$	1,1-Dichloroethylene. B.p. 31 1919
$C_2H_2Cl_2$	<i>cis</i> -1,2-Dichloroethylene. B.p. 60.2 222, 1920, 2504-2512, 15927
$C_2H_2Cl_2$	<i>trans</i> -1,2-Dichloroethylene. B.p. 48.35 223, 1921, 2513-2520, 15928
$C_2H_2Cl_2F_2$	1,1-Dichloro-2,2-difluoroethane. 60
$C_2H_2Cl_2F_2$	1,2-Dichloro-1,2-difluoroethane. B.p. 29.8 1420
$C_2H_2Cl_2O$	Chloroacetyl chloride. B.p. 106 169
$C_2H_2Cl_2O_2$	Dichloroacetic acid. B.p. 190 2521-2528
$C_2H_2Cl_4$	1,1,2,2-Tetrachloroethane. B.p. 146.2 114, 170, 1339, 1608, 2529-2604, 15929
$C_2H_2F_4$	1,1,1,2-Tetrafluoroethane. B.p. -26.1 2605
$C_2H_2F_4$	1,1,2,2-Tetrafluoroethane. B.p. -19.7 1013, 2605
C_2H_3Br	Bromoethylene. B.p. 15.8 1177, 1609, 1922, 2606-2614
$C_2H_3BrO_2$	Bromoacetic acid. B.p. 205.1 1340, 2395, 2615-2639
C_2H_3Cl	Chloroethylene. B.p. -13.6 959, 2640-2643, 2639a
$C_2H_3ClO_2$	Chloroacetic acid. B.p. 189.35 1341, 2230, 2372, 2396, 2529, 2644-2727, 16350, 16351
$C_2H_3Cl_2NO_2$	Methyl <i>N,N</i> -dichlorocarbamate. 224
$C_2H_3Cl_3$	1,1,1-Trichloroethane. B.p. 74.1 1923, 2728-2730, 2730a, 2730b
$C_2H_3Cl_3$	1,1,2-Trichloroethane. B.p. 113.65 225, 1924, 2156, 2728, 2731-2745
$C_2H_3Cl_3O$	Methyl trichloromethyl ether. B.p. 131.2 2746-2751
$C_2H_3Cl_3O$	2,2,2-Trichloroethanol. B.p. 152 2752

Formula	Name and System No.
$C_2H_3Cl_3O_2$	Chloral hydrate. B.p. 97.5 1094, 1432, 2753-2756
$C_2H_3F_3O$	2,2,2-Trifluoroethanol. 2757
C_2H_3N	Acetonitrile. B.p. 81.6 13, 143, 226, 1095, 1433, 1546, 1757, 1925, 2154, 2280, 2758-2816, 15845, 15854, 15864, 15918, 15920, 15929-15943, 16352-16355, 16556, 1609a, 15828a, 16551b
C_2H_3NO	Hydroxyacetonitrile (Glycolonitrile). 2817
C_2H_3NO	Methylisocyanate. B.p. 37.9 1095a, 2817a-2817d, 1433a
C_2H_3NS	Methyl thiocyanate. B.p. 132.5 2818
C_2H_4	Ethylene. B.p. -103.9 90, 982, 990, 2487, 2819, 16349, 195a, 2639a
C_2H_4BrCl	1-Bromo-2-chloroethane. B.p. 106.7 1926, 2820-2831
$C_2H_4Br_2$	1,1-Dibromoethane. B.p. 109.5 1927, 2832-2856, 136e
$C_2H_4Br_2$	1,2-Dibromoethane. B.p. 131.5 1096, 1342, 1610, 1928, 2644, 2857-2931, 16251, 16356-16359, 136f
$C_2H_4Cl_2$	1,1-Dichloroethane. B.p. 57.4 144, 1097, 1178, 1434, 1611, 1929, 2730, 2932-2959
$C_2H_4Cl_2$	1,2-Dichloroethane. B.p. 83.45 70, 115, 145, 227, 1098, 1435, 1612, 1881, 1930, 2281, 2336, 2640, 2729, 2731, 2758, 2857, 2932, 2960-3010, 15871, 15944-15946, 16360, 2817a
$C_2H_4Cl_2O$	Bis(chloromethyl) ether. B.p. 105 228, 1179, 3011-3020
$C_2H_4Cl_2O$	2,2-Dichloroethanol. B.p. 146.2 1343, 2157, 2530, 3021-3045
$C_2H_4F_2$	1,1-Difluoroethane. B.p. -24.7 1014, 2149
C_2H_4O	Acetaldehyde. B.p. 20.2 229, 1019, 1547, 1714, 1931, 3046-3066, 15844, 15947, 15948, 16361, 15947a
C_2H_4O	Ethylene oxide. B.p. 10 230, 1932, 2960, 3046, 3067-3082
C_2H_4OS	Thioacetic acid. B.p. 89.5 3083-3085
$C_2H_4O_2$	Acetic acid. B.p. 118.1 14, 231, 1028, 1099, 1180, 1285, 1344, 1436, 1506, 1576, 1613, 1758, 1933, 2158, 2282, 2397, 2495, 2531, 2732, 2820, 2832, 2858, 2961, 3086- 3240, 15865, 15872, 15948-15953, 16282, 16340, 16356, 16361-16382, 16564, 16565, 2758a, 16551a
$C_2H_4O_2$	Methyl formate. B.p. 31.9 15, 74, 232, 1020, 1181, 1437, 1548, 1715, 1727, 1934, 2128, 2373, 2521, 2606, 2645, 3047, 3067, 3241-3286, 16264, 16272-16274, 16309, 16383- 16390
C_2H_4S	Ethylene sulfide. B.p. 55.7 1759, 1935, 3241, 3287-3296
C_2H_5Br	Bromoethane. B.p. 38.4 233, 1100, 1182, 1438, 1549, 1614, 1882, 1936, 3048, 3242, 3287, 3297- 3331, 15954, 16266, 16272, 16320, 16321, 16383-16386

Formula	Name and System No.
C ₂ H ₅ BrO	2-Bromoethanol. B.p. 150.2 234, 1286, 2159, 2283, 2532, 2859, 3332-3362
C ₂ H ₅ BrO	Bromomethyl methyl ether. B.p. 87.5 3363, 3364
C ₂ H ₅ Cl	Chloroethane. B.p. 12.4 91, 1183, 1439, 1615, 1937, 2129, 2607, 3049, 3243, 3365-3372, 136g
C ₂ H ₅ ClO	2-Chloroethanol. B.p. 127 16, 235, 1029, 1287, 1345, 1507, 1760, 2160, 2284, 2398, 2533, 2833, 2860, 2962, 3373-3489, 15846, 15877, 15921, 15955-15960
C ₂ H ₅ ClO	Chloromethyl methyl ether. B.p. 59.5 1101, 1184, 1440, 1550, 1616, 1938, 2933, 3244, 3288, 3297, 3490-3518
C ₂ H ₅ I	Iodoethane. B.p. 72.3 236, 1102, 1185, 1441, 1617, 1761, 1883, 1939, 2759, 3086, 3298, 3519- 3548, 15961, 16322, 16323, 16391
C ₂ H ₅ IO	2-Iodoethanol. B.p. 176.5 237, 2534, 3549-3562
C ₂ H ₅ NO	Acetamide. B.p. 221.2 238, 1346, 1940, 2161, 2231, 2399, 2535, 2733, 2834, 2861, 3087, 3373, 3563-3843
C ₂ H ₅ NO	<i>N</i> -Methylformamide. 239
C ₂ H ₅ NO ₂	Ethyl nitrite. B.p. 17.4 75, 1186, 1716, 2130, 2608, 3245, 3299, 3365, 3844-3857
C ₂ H ₅ NO ₂	Nitroethane. B.p. 114.2 240, 1103, 1187, 1288, 1618, 1941, 2337, 3088, 3374, 3858-3897, 15962- 15964, 16392
C ₂ H ₅ NO ₃	Ethyl nitrate. B.p. 87.68 241, 1104, 1188, 1289, 1508, 1762, 1942, 2285, 2963, 3089, 3858, 3898- 3941
C ₂ H ₆	Ethane. B.p. -88 38, 92, 102, 955, 988, 991, 1503, 1910, 1943, 2270, 2488, 2819, 3942- 3948, 15840, 16319, 16349
C ₂ H ₆ Cl ₂ Si	Dichlorodimethylsilane. 1723, 3949, 3950, 3948a, 16307a, 16307b
C ₂ H ₆ O	Ethyl alcohol. B.p. 78.3 17, 242, 1030, 1105, 1189, 1290, 1442, 1509, 1551, 1728, 1763, 1884, 1944, 2147, 2152, 2162, 2272-2275, 2286, 2338, 2490, 2494, 2499, 2500, 2504, 2513, 2609, 2734, 2757, 2760, 2821, 2835, 2862, 2934, 2964, 3050, 3090, 3246, 3300, 3366, 3490, 3519, 3859, 3898, 3942, 3951-4182, 15837, 15847, 15855, 15858, 15866, 15869, 15896, 15917, 15922, 15927, 15928, 15930, 15945, 15947, 15954, 15961, 15965-16019, 16252-16254, 16275, 16276, 16288-16294, 16324, 16352, 16391, 16393-16408, 16556-16562, 241a
C ₂ H ₆ O	Methyl ether. B.p. -23.65 18, 93, 103, 960, 992, 1015, 1721, 4183, 16243
C ₂ H ₆ OS	Dimethyl sulfoxide. 243, 4184, 16409, 4183a
C ₂ H ₆ O ₂	Ethylene Glycol. B.p. 197.4 244, 1291, 1347, 1577, 1764, 1945, 2163, 2232, 2287, 2400, 2536, 2735, 2822, 2836, 2863, 3375, 3563, 4185-4474, 16020, 16410-16416, 16324a, 16409a
C ₂ H ₆ O ₄ S	Methyl sulfate. B.p. 189.1 245, 2233, 2401, 2646, 4509-4529

Formula	Name and System No.
C_2H_6S	Ethanethiol. B.p. 36.2 1552, 1765, 1946, 3247, 3301, 3492, 4475-4487, 16387
C_2H_6S	Methyl sulfide. B.p. 37.4 1190, 1619, 1766, 1947, 3091, 3248, 3302, 3491, 3844, 3951, 4775, 4488-4508
$C_2H_6S_2$	Methyl disulfide. B.p. 109.44 4530-4537
C_2H_7N	Dimethylamine. B.p. 7.3 246, 961, 2135, 4538-4547, 16021
C_2H_7N	Ethylamine. B.p. 16.55 247, 962, 4548-4556
C_2H_7NO	2-Aminoethanol. B.p. 170.8 248, 1348, 1578, 1767, 3564, 4185, 4557-4634
$C_2H_7O_3P$	Dimethyl phosphite. 4635
$C_2H_8N_2$	1,1-Dimethylhydrazine. 249, 981, 15843
$C_2H_8N_2$	Ethylenediamine. B.p. 116 250, 4636-4649, 16022
$C_3Cl_3F_5$	1,2,2-Trichloropentafluoropropane. B.p. 72.5 61
C_3F_6	Hexafluoropropene. 1016, 1421, 2278
C_3F_6O	Hexafluoroacetone. 15839a
C_3F_7I	Heptafluoro-1-iodopropane. 4649a
C_3F_8	Perfluoropropane. 1422
$C_3HF_5O_2$	Pentafluoropropionic acid. 251, 4650
C_3HF_7	Heptafluoropropane. 1017
$C_3H_2ClF_3O_2$	3-Chloro-2,2,3-trifluoropropionic acid. 4651
$C_3H_2F_4O_2$	2,2,3,3-Tetrafluoropropionic acid. 4652
$C_3H_2F_6O$	1,1,1,3,3,3-Hexafluoro-2-propanol. 251a, 4652a
$C_3H_3ClF_3NO$	3-Chloro-2,2,3-trifluoropropionamide. 4653
$C_3H_3Cl_3O_2$	Methyl trichloroacetate. B.p. 152.8 4654-4660
$C_3H_3F_4NO$	2,2,3,3-Tetrafluoropropionamide. 4661
C_3H_3N	Acrylonitrile. B.p. 77.3 76, 146, 252, 1106, 1948, 2761, 4662-4667, 15931, 15965, 16023, 3951a, 15828b, 16022a, 16022b, 16551a, 16551b
C_3H_3NS	Thiazole. B.p. 111.5 253
C_3H_4	Propadiene. B.p. -32 963, 4668-4671, 16417-16419
C_3H_4	Propyne. B.p. -23 964, 2489, 4668, 4672-4674, 16417-16419

Formula	Name and System No.
$C_3H_4Br_2$	<i>cis</i> -1,2-Dibromopropene. B.p. 135.2 4675
$C_3H_4Br_2$	<i>trans</i> -1,2-Dibromopropene. B.p. 125.95 4676
$C_3H_4Cl_2$	1,2-Dichloropropene. B.p. 76.8 1949
$C_3H_4Cl_2$	1,3-Dichloropropene. 4677
$C_3H_4Cl_4$	1,1,2,2-Tetrachloropropane. B.p. 153 4678-4681
$C_3H_4Cl_4$	1,1,2,3-Tetrachloropropane. B.p. 180 4682, 4683
$C_3H_4N_2$	Pyrazole. B.p. 187.5 4714-4720
C_3H_4O	Acrolein. B.p. 52.45 254, 1191, 1950, 4662, 4685-4691, 76a, 15828a, 15828b, 16022a, 16551a, 16551b
C_3H_4O	2-Propyne-1-ol. B.p. 113 255, 4692, 16024, 16025
$C_3H_4O_2$	Acrylic acid. B.p. 140.5 256, 4693-4695, 16026
$C_3H_4O_3$	Ethylene carbonate. 257, 4186
$C_3H_4O_3$	Pyruvic acid. B.p. 166.8 4696-4713
C_3H_5Br	<i>cis</i> -1-Bromopropene. B.p. 57.8 1952, 3953, 15966
C_3H_5Br	<i>trans</i> -1-Bromopropene. B.p. 63.25 1951, 3952, 15967
C_3H_5Br	2-Bromopropene. B.p. 48.35 1953, 3954, 15968
C_3H_5Br	3-Bromopropene. B.p. 70.5 1192, 1620, 1768, 1885, 1954, 3092, 3493, 3520, 3899, 3955, 4721-4740, 4740a
C_3H_5BrO	Epibromohydrin. B.p. 138.5 2164, 2864, 3093, 4741-4755
$C_3H_5BrO_2$	α -Bromopropionic acid. B.p. 205.8 2402, 4756-4766
$C_3H_5Br_3$	1,2,3-Tribromopropane. B.p. 220 3565, 4767-4786
C_3H_5Cl	<i>cis</i> -1-Chloropropene. B.p. 32.8 3956
C_3H_5Cl	<i>trans</i> -1-Chloropropene. B.p. 37.4 3957
C_3H_5Cl	2-Chloropropene. B.p. 22.65 1621, 1955, 3249, 3845, 3958, 4787-4793
C_3H_5Cl	3-Chloropropene. B.p. 45.15 258, 1193, 1622, 1886, 1956, 3250, 3494, 3959, 4677, 4787, 4794-4807
C_3H_5Cl	Methylvinylchloride. 259
C_3H_5ClO	1-Chloro-2-propanone. B.p. 121 260, 1623, 2165, 4809-4838
C_3H_5ClO	2-Chloro-2-propen-1-ol. 4808

Formula	Name and System No.
C_3H_5ClO	α -Chloropropionaldehyde. B.p. 86 261
C_3H_5ClO	Epichlorohydrin. B.p. 116.45 155, 262, 1031, 1624, 1957, 2166, 2823, 3094, 3960, 4839-4895, 16340-16345, 16362, 16420-16422
$C_3H_5ClO_2$	Methyl chloroacetate. B.p. 131.4 263, 1349, 1958, 2167, 2537, 2865, 3095, 3376, 4896-4947, 15897
$C_3H_5Cl_3$	1,1,3-Trichloropropane. B.p. 148 4948, 4949
$C_3H_5Cl_3$	1,2,2-Trichloropropane. B.p. 122 4950-4955
$C_3H_5Cl_3$	1,2,3-Trichloropropane. B.p. 156.85 2647, 3096, 3566, 4187, 4839, 4956-4994, 16423
C_3H_5F	2-Fluoropropene. B.p. -24 965
C_3H_5I	3-Iodopropene. B.p. 102.0 264, 1032, 1625, 1769, 1959, 2339, 3097, 3377, 3900, 3961, 4188, 4995-5023, 15969, 16027, 16028, 16424-16426
C_3H_5N	Propionitrile. B.p. 97 147, 265, 1960, 3962, 4663, 5024-5046, 16023
C_3H_5NO	Hydracrylonitrile. B.p. 229.7 266
$C_3H_5N_3O_9$	Nitroglycerin. 5047
C_3H_6	Cyclopropane. B.p. -31.5 966
C_3H_6	Propene. B.p. -48 967, 993, 4669, 4672, 4685, 5048, 16417, 93a, 983a, 1010a, 1168e, 1910a
$C_3H_6Br_2$	1,2-Dibromopropane. B.p. 141 2866, 3098, 3332, 3378, 3549, 3567, 4189, 4840, 4896, 5049-5088
$C_3H_6Br_2$	1,3-Dibromopropane. B.p. 166.9 3021, 3099, 3379, 3568, 4190, 5089-5132
$C_3H_6Br_2O$	2,3-Dibromo-1-propanol. B.p. 219.5 5133-5152
$C_3H_6Cl_2$	1,1-Dichloropropane. B.p. 90 5153, 5154
$C_3H_6Cl_2$	1,2-Dichloropropane. B.p. 97 267, 1961, 2288, 2965, 3963, 5155-5162, 16029
$C_3H_6Cl_2$	1,3-Dichloropropane. B.p. 129.8 1033, 5163-5165
$C_3H_6Cl_2$	2,2-Dichloropropane. B.p. 70.4 1626, 1962, 3011, 3100, 3901, 3964, 5166-5182
$C_3H_6Cl_2O$	1,3-Dichloro-2-propanol. B.p. 175.8 1350, 2403, 2538, 3569, 4191, 5183-5256, 16427-16430
$C_3H_6Cl_2O$	2,3-Dichloro-1-propanol. B.p. 183.8 268, 4192, 5257-5306, 16431
C_3H_6O	Acetone. B.p. 56.1 269, 1108, 1194, 1292, 1443, 1553, 1627, 1729, 1770, 1963, 2153, 2168, 2289, 2505, 2514, 2641, 2736, 2762, 2935, 2966, 3051, 3251, 3289, 3303, 3495, 3521, 3943, 3965, 4476, 4488, 4548, 4557, 4686, 4721, 4794, 5047, 5307-5397, 15848, 15856, 15867, 15932, 15970, 16030-16039, 16267, 16277, 16281, 16283, 16288, 16289, 16295-16300, 16306, 16322, 16324-16328, 16360, 16432-16439, 993a, 16247a, 16431a, 16431b, 16565a, 16565b, 16566a

Formula	Name and System No.
C_3H_6O	Allyl alcohol. B.p. 96.9 270, 1034, 1109, 1195, 1293, 1351, 1444, 1510, 1771, 2169, 2290, 2867, 2936, 2967, 3522, 3902, 4722, 4841, 4897, 4995, 5166, 5307, 5398-5452, 15849, 15859, 15923, 16027, 16040-16048, 16440, 5397a
C_3H_6O	Propionaldehyde. B.p. 48.7 371, 1196, 1445, 1554, 1964, 2937, 3304, 3966, 4687, 5308, 5453-5459, 15898
C_3H_6O	Propylene oxide. B.p. 35 272, 1446, 1555, 3052, 3068, 3305, 4549, 5155, 5453, 5460-5472, 5397a
C_3H_6OS	Methyl thioacetate. B.p. 95.5 1965, 3967, 5473-5477
$C_3H_6O_2$	1,3-Dioxolane. B.p. 75 273, 5478-5482
$C_3H_6O_2$	Ethyl formate. B.p. 54.1 19, 274, 1197, 1447, 1556, 1730, 1966, 2506, 2515, 2938, 3290, 3306, 3496, 3523, 3968, 4723, 4795, 5167, 5309, 5483-5510, 15971, 16278, 16301
$C_3H_6O_2$	Glycidol. 5510a
$C_3H_6O_2$	Methoxyacetaldehyde. B.p. 92 275
$C_3H_6O_2$	Methyl acetate. B.p. 57.1 20, 276, 1110, 1198, 1448, 1557, 1731, 1967, 2507, 2516, 2763, 2939, 3307, 3497, 3524, 3969, 4724, 4796, 5168, 5310, 5454, 5483, 5511-5561, 15899, 16268, 16277, 16284, 16302, 16325, 16329, 16330, 16432, 16441, 993b, 3052a, 3101a, 15947a, 15948a, 16247b, 16254a, 16431a, 16431b, 16563a, 16566a
$C_3H_6O_2$	Propionic acid. B.p. 140.7 21, 277, 1935, 1199, 1352, 1511, 1579, 1628, 1772, 2170, 2404, 2496, 2539, 2737, 2824, 2837, 2868, 3102, 3860, 4693, 4696, 4741, 4842, 4898, 4956, 4996, 5049, 5089, 5562-5667, 15949, 16049, 16357, 16442, 15872a, 16362a, 16551a
$C_3H_6O_3$	Ethylene glycol monoformate. B.p. 180 5668
$C_3H_6O_3$	Methyl carbonate. B.p. 90.25 278, 1111, 1200, 1294, 1512, 1968, 2291, 2340, 2968, 3103, 3525, 3903, 3970, 4997, 5398, 5669-5710
$C_3H_6O_3$	Methyl glycolate. B.p. 151 22, 5711, 5712
$C_3H_6O_3$	Trioxane. B.p. 114.5 279, 1558, 5713-5722, 16050-16056
C_3H_7Br	1-Bromopropane. B.p. 71.0 1112, 1201, 1449, 1629, 1773, 1887, 1969, 2764, 3104, 3498, 3526, 3904, 3971, 4725, 5311, 5399, 5484, 5511, 5669, 5723-5751, 15972, 279a
C_3H_7Br	2-Bromopropane. B.p. 59.4 1202, 1450, 1630, 1774, 1888, 1970, 2940, 3105, 3499, 3972, 5312, 5400, 5485, 5512, 5752-5771, 16301-16303
C_3H_7Cl	1-Chloropropane. B.p. 46.4 280, 1203, 1631, 1732, 1889, 1971, 3012, 3252, 3500, 3973, 4489, 4797, 5313, 5455, 5486, 5513, 5772-5787, 16269, 16278
C_3H_7Cl	2-Chloropropane. B.p. 34.9 281, 1204, 1632, 1972, 3053, 3253, 3308, 3846, 3974, 4477, 4490, 4798, 5314, 5487, 5788-5796

Formula	Name and System No.
C_3H_7ClO	1-Chloro-2-propanol. B.p. 127 282, 1036, 1295, 1353, 1513, 1776, 2171, 2292, 2540, 2869, 2969, 3861, 4193, 5797-5821, 5837, 16029
C_3H_7ClO	2-Chloro-1-propanol. B.p. 133.7 283, 1777, 2172, 2293, 2870, 5822-5836
$C_3H_7ClO_2$	Chloromethoxymethoxymethane. B.p. 95 5838-5842
$C_3H_7ClO_2$	1-Chloro-2,3-propanediol. B.p. 213 5843-5847
C_3H_7I	1-Iodopropane. B.p. 102.4 1037, 1633, 1778, 1973, 2341, 3022, 3106, 3380, 3570, 3905, 3975, 4843, 4998, 5562, 5670, 5848-5870, 16057
C_3H_7I	2-Iodopropane. B.p. 89.45 1296, 1634, 1779, 1974, 2294, 2342, 3107, 3381, 3906, 3976, 5024, 5315, 5671, 5871-5891
C_3H_7N	Allylamine. B.p. 52.9 284
C_3H_7NO	Acetoxime. B.p. 135.8 5892
C_3H_7NO	Dimethylformamide. B.p. 153 285, 1635, 2765, 3254, 4651, 4652, 4653, 4661, 5893, 5894, 16443
C_3H_7NO	Propionamide. B.p. 222.1 286, 1354, 1975, 2173, 2234, 2405, 2541, 2871, 3382, 3571, 4194, 4558, 5050, 5090 5257, 5895-6090
$C_3H_7NO_2$	Ethyl carbamate. B.p. 185.25 1355, 1580, 2174, 2406, 2542, 2872, 3572, 4195, 4559, 4957, 5091, 5183, 5257, 5895, 6091-6233
$C_3H_7NO_2$	Isopropyl nitrite. B.p. 40.1 287, 1205, 1451, 1559, 1717, 1733, 2610, 3054, 3255, 3291, 3309, 3367, 4491, 4788, 4799, 5316, 5456, 5488, 5514, 5772, 5788, 6234-6249
$C_3H_7NO_2$	1-Nitropropane. B.p. 130.5 289, 1113, 1976, 2873, 3977, 6250-6269, 16058
$C_3H_7NO_2$	2-Nitropropane. B.p. 120 290, 1114, 1977, 3978, 6270-6293, 15973, 16059
$C_3H_7NO_2$	Propyl nitrite. B.p. 47.75 288, 1206, 1452, 1560, 2941, 3256, 3310, 3501, 4478, 4492, 4800, 5317, 5457, 5489, 5515, 5752, 5773, 5789, 6234, 6294-6303
$C_3H_7NO_3$	Propyl nitrate. B.p. 110.5 291, 1780, 2175, 2838, 3108, 3862, 3979, 6235, 6304-6326
C_3H_8	Propane. B.p. -44 956, 968, 994, 1423, 1911, 1978, 2766, 4670, 4673, 5048, 5318, 6327, 6328, 16319, 16418
C_3H_8O	Ethyl methyl ether. B.p. 10.8 23, 1207
C_3H_8O	Isopropyl alcohol. B.p. 82.3 292, 1038, 1115, 1208, 1297, 1453, 1514, 1561, 1734, 1781, 1890, 2176, 2295, 2767, 2839, 2874, 2942, 2970, 3311, 3527, 3847, 3863, 3907, 3944, 3980, 4493, 4664, 4726, 4801, 4809, 4844, 4899, 4999, 5025, 5156, 5169, 5319, 5401, 5473, 5490, 5516, 5672, 5723, 5753, 5774, 5790, 5848, 5871, 6250, 6270, 6304, 6329-6434, 15860, 15878, 15900, 15924, 15946, 16030, 16060-16080, 16255, 16279, 16304, 16433, 1978a, 16057a, 16255a, 16325a, 16433a, 16433b, 16443a-16446a, 16565a, 16565c

Formula	Name and System No.
C_3H_8O	Propyl alcohol. B.p. 97.25 24, 293, 969, 1039, 1116, 1209, 1298, 1356, 1454, 1515, 1735, 1782, 2177, 2296, 2501, 2503, 2543, 2648, 2768, 2840, 2875, 2943, 2971, 3109, 3312, 3502, 3528, 3864, 3908, 3945, 3981, 4654, 4675, 4676, 4727, 4742, 4845, 4900, 5000, 5026, 5051, 5170, 5320, 5402, 5474, 5673, 5724, 5754, 5775, 5849, 5872, 6251, 6271, 6294, 6305, 6435-6536, 15850, 15879, 15919, 15925, 16028, 16040, 16057, 16081-16100, 16256, 16310-16312, 16341, 16420, 16424, 16447, 16448, 16552, 16554, 16555, 16566, 4195a, 16448a
C_3H_8OS	2-Methylthioethanol 6537
$C_3H_8O_2$	2-Methoxyethanol. B.p. 124.5 294, 1040, 1357, 1979, 2178, 2544, 2746, 2876, 3013, 3333, 3383, 3982, 4636, 4901, 5001, 5052, 5850, 6306, 6538-6629, 16101-16105, 16449, 16450
$C_3H_8O_2$	Dimethoxymethane. B.p. 42.3 295, 1210, 1455, 1562, 1636, 1736, 1891, 1980, 2508, 2517, 2944, 3257, 3313, 3503, 3848, 3983, 4479, 4494, 4802, 5321, 5491, 5517, 5776, 5791, 6236, 6295, 6329, 6435, 6630-6647, 15901, 16265, 16270, 16280, 16308, 16331, 16451, 16105a
$C_3H_8O_2$	1,2-Propanediol. B.p. 187.8 296, 3573, 5157, 6091, 6648- 6678, 16106
$C_3H_8O_2$	1,3-Propanediol. B.p. 214.8 297, 6679, 6679a
$C_3H_8O_3$	Glycerol. B.p. 290 3574, 4196, 6680-6781, 15059a
C_3H_8S	Ethyl methyl sulfide. 1456, 6782-6787
C_3H_8S	Propanethiol. B.p. 67.5 1457, 1981, 3984, 5322, 5492, 5725, 5755, 5777, 6436, 6630, 6788-6807, 16081
C_3H_8S	2-Propanethiol. B.p. 52.60 6808-6814
$C_3H_9BO_3$	Methyl borate. B.p. 68.7 1117, 1211, 1299, 1458, 1982, 2297, 2945, 2972, 3504, 3529, 3985, 4728, 5323, 5518, 5726, 5756, 5778, 6815-6835, 16332
C_3H_9ClSi	Chlorotrimethylsilane. B.p. 57.5 148, 1118, 1459, 1724, 1783, 1912, 2769, 2946, 4665, 5027, 6836, 6837, 6835a
C_3H_9N	Isopropylamine. B.p. 32.4 6838, 6837a
C_3H_9N	Propylamine. B.p. 49.7 298, 5324, 6631, 6839-6844
C_3H_9N	Trimethylamine. B.p. 3.5 25, 299, 970, 1637, 2136, 3110, 4183, 4538, 6845-6852, 16243-16247
C_3H_9NO	1-Amino-2-propanol. B.p. 159.9 300, 6853-6856
$C_3H_{10}N_2$	1,2-Propanediamine. B.p. 120.9 301, 6857-6859
$C_3H_{10}OSi$	Trimethylsilanol. B.p. 99 6860
$C_4Cl_3F_7$	2,2,3-Trichloroheptafluorobutane. B.p. 97.4 6861-6863
C_4Cl_3	Hexachlorobutadiene. 126b

Formula	Name and System No.
C ₄ F ₈	Perfluorocyclobutane. B.p. -4 1018, 1424, 2279
C ₄ HF ₇ O ₂	Perfluorobutyric acid. B.p. 122.0 302, 6864-6866, 15838
C ₄ H ₂	Diacetylene. 971
C ₄ H ₂ O ₃	Maleic anhydride. 6867, 6868, 6869, 6867a
C ₄ H ₄	1-Butene-3-yne. B.p. 5.0 972, 2137, 6845, 6870, 6871, 16451a, 16451b
C ₄ H ₄ Cl ₂	2,3-Dichloro-1,3-butadiene. B.p. 98 1983
C ₄ H ₄ N ₂	Pyrazine. B.p. 118 303, 1984, 3986, 6538, 6872
C ₄ H ₄ N ₂	Pyridazine. B.p. 207.2 6873-6882
C ₄ H ₄ O	1-Butyne-3-one. B.p. 85 304
C ₄ H ₄ O	Furan. B.p. 31.7 305, 1212, 1563, 1985, 3258, 3368, 3849, 4550, 4789, 6237, 6883, 6884
C ₄ H ₄ O ₂	Diketene. 5325, 6885
C ₄ H ₄ S	Thiophene. B.p. 84 306, 1119, 1638, 1892, 1986, 2298, 2973, 3530, 3909, 3987, 5326, 5727, 6330, 6788, 6886-6910
C ₄ H ₅ Cl	2-Chloro-1,3-butadiene. 4666, 6870, 6911-6912
C ₄ H ₅ ClO ₂	α -Chlorocrotonic acid. B.p. 212.5 6913, 6914
C ₄ H ₅ Cl ₃	2,3,4-Trichloro-1-butene. 6914a
C ₄ H ₅ Cl ₃ O	α,α,β -Trichlorobutyraldehyde. B.p. 164 4958
C ₄ H ₅ Cl ₃ O ₂	Ethyl trichloroacetate. B.p. 167.2 6915-6920
C ₄ H ₅ N	3-Butenenitrile. B.p. 118.9 307
C ₄ H ₅ N	<i>cis, trans</i> -Crotononitrile. B.p. 107.5-120.5 308
C ₄ H ₅ N	Methacrylonitrile. 309
C ₄ H ₅ N	Pyrrole. B.p. 129.8 310, 2179, 2747, 2841, 2877, 3014, 4197, 4846, 5053, 6539, 6648, 6921- 6951
C ₄ H ₅ NS	Allyl isothiocyanate. B.p. 152.05 1213, 1987, 3575, 4198, 5896, 6649, 6952-6962
C ₄ H ₆	1,3-Butadiene. B.p. -4.5 973, 1718, 1748, 2138, 2642, 3055, 3069, 3988, 4539, 4671, 4674, 6846, 16339, 16419, 1119a, 1213a, 1783a, 6962a-6967a, 16451a, 16451c, 16451d
C ₄ H ₆	1-Butyne. B.p. 7 974, 6968, 6969, 6962a, 16451c
C ₄ H ₆ ClN	2-Chloro-2-methylpropionitrile. B.p. 116 311
C ₄ H ₆ Cl ₂	1,3-Dichloro-2-butene. 6911, 6970, 6914a

Formula	Name and System No.
C ₄ H ₆ Cl ₂ O ₂	Ethyl dichloroacetate. B.p. 158.1 5563, 6971-6982
C ₄ H ₆ O	1-Butene-3-one. 312, 6912, 6970
C ₄ H ₆ O	3-Butyn-1-ol. B.p. 128.9 313
C ₄ H ₆ O	3-Butyne-2-ol. B.p. 109 314
C ₄ H ₆ O	Crotonaldehyde. B.p. 102.15 315, 1639, 1784, 1988, 3111, 3989, 5851, 6437, 6983-6993, 15974, 16107- 16109, 16557
C ₄ H ₆ O	Methacrylaldehyde. B.p. 68 316
C ₄ H ₆ O ₂	Allyl formate. B.p. 80 1120, 2974, 3531, 3990, 6994-6997
C ₄ H ₆ O ₂	2,3-Butanedione. B.p. 87-88 317, 1214, 1989, 3112, 3991, 6331, 6438, 6998-7001, 15975
C ₄ H ₆ O ₂	3-Butenoic acid. 318
C ₄ H ₆ O ₂	2-Butyne-1,4-diol. 7002
C ₄ H ₆ O ₂	Butyrolactone. B.p. 204.3 321
C ₄ H ₆ O ₂	Crotonic acid. B.p. 189 26, 319, 320
C ₄ H ₆ O ₂	Dioxene. B.p. 94 322, 7003
C ₄ H ₆ O ₂	Methyl acrylate. B.p. 80 324, 1990, 3992, 6332, 6439, 7004-7006, 15902
C ₄ H ₆ O ₂	Methacrylic acid. B.p. 160.5 323, 2975, 7007
C ₄ H ₆ O ₂	Vinyl acetate. B.p. 72.7 325, 1991, 3056, 3113, 5327, 6333, 7008-7012, 16031, 16361, 4666a, 15902a, 16023a
C ₄ H ₆ O ₃	Acetic anhydride. B.p. 138 3114, 5328, 5564, 7013-7025, 16363, 16363a
C ₄ H ₆ O ₃	Methyl pyruvate. B.p. 137.5 3115, 5565, 7026-7050
C ₄ H ₆ O ₃	Propylene carbonate. B.p. 242.1 326
C ₄ H ₆ O ₄	Ethylene glycol diformate. B.p. 174 7051
C ₄ H ₆ O ₄	Methyl oxalate. B.p. 164.45 1358, 2235, 2407, 2545, 2649, 3576, 4199, 4959, 5184, 5258, 5897, 6092, 7052-7122, 16427, 16452-16457
C ₄ H ₇ Br	<i>trans</i> -1-Bromo-1-butene. B.p. 94.70 3993
C ₄ H ₇ Br	<i>cis</i> -1-Bromo-1-butene. B.p. 86.15 3994
C ₄ H ₇ Br	2-Bromo-1-butene. B.p. 81.0 3995
C ₄ H ₇ Br	<i>cis</i> -2-Bromo-2-butene. B.p. 93.9 3996
C ₄ H ₇ Br	<i>trans</i> -2-Bromo-2-butene. B.p. 85.55 3997

Formula	Name and System No.
$C_2H_5BrO_2$	Ethyl bromoacetate. B.p. 158.2 1359, 2408, 2546, 3577, 4200, 5054, 5092, 5566, 5898, 7123-7173, 16458-16460
C_4H_7Cl	<i>cis</i> -1-Chloro-1-butene. B.p. 63.4 3999
C_4H_7Cl	<i>trans</i> -1-Chloro-1-butene. B.p. 68 3998
C_4H_7Cl	2-Chloro-1-butene. B.p. 58.4 4000
C_4H_7Cl	<i>cis</i> -2-Chloro-2-butene. B.p. 62.4 4002
C_4H_7Cl	<i>trans</i> -2-Chloro-2-butene. B.p. 66.6 4001
C_4H_7Cl	1-Chloro-2-methyl-1-propene. B.p. 68.1 327, 5329
C_4H_7ClO	α -3-Chloro-2-butene-1-ol. B.p. 164 328
C_4H_7ClO	β -3-Chloro-2-butene-1-ol. B.p. 166 329
C_4H_7ClO	2-Chloroethyl vinyl ether. B.p. 108 330, 3384, 7174, 7175
$C_4H_7ClO_2$	4-Chloromethyl-1,3-dioxolane. B.p. 66/40mm 331
$C_4H_7ClO_2$	Ethyl chloroacetate. B.p. 143.5 332, 1360, 2409, 2547, 2878, 3334, 3385, 3578, 4003, 4201, 4960, 5403, 5567, 6440, 6540, 7052, 7176-7223, 15976, 16461, 16462, 15834a, 16307a
$C_4H_7Cl_3O$	Ethyl 1,1,2-trichloroethyl ether. B.p. 172.5 1361, 5093, 6093, 7225-7238
$C_4H_7Cl_3O$	1,1,1-Trichloro- <i>tert</i> -butanol. 7224
C_4H_7N	Butyronitrile. B.p. 118 333, 6441, 7239-7245
C_4H_7N	Isobutyronitrile. B.p. 103 334, 4004, 5002, 6334, 6442, 7246-7251
C_4H_7N	Pyrroline. B.p. 90.9 1215, 1992, 6443, 6886, 7252
C_4H_7NO	2-Hydroxyisobutyronitrile. 335, 4635, 7253-7255
C_4H_8	1-Butene. B.p. -6 975, 995, 1719, 1749, 2139, 2643, 3070, 3259, 4540, 6847, 6963, 16244, 16339, 7255a-7256b
C_4H_8	2-Butene. B.p. 1-3.7 997, 998, 2140, 2141, 3071, 3072, 3260, 3261, 4541, 4542, 6848, 6849, 6871, 6964, 6968, 6969, 7255a, 7256c-7256e, 16451a
C_4H_8	2-Methylpropene. B.p. -6 976, 996, 1750, 2131, 2142, 3073, 3262, 4543, 6850, 7256, 16245, 7256c, 7256f
$C_4H_8Br_2O$	Bis(2-bromoethyl) ether. 4202, 6650
$C_4H_8Cl_2O$	Bis(2-chloroethyl) ether. B.p. 178.65 336, 1362, 2976, 3386, 3580, 4203, 4560, 4714, 5094, 5899, 6094, 7257-7303, 15955, 118a, 148a, 1724a, 3948a, 6835a, 15834b, 16307b
$C_4H_8Cl_2O$	1,2-Dichloroethyl ethyl ether. B.p. 145.5 1363, 2818, 3116, 3579, 6444, 6952, 7304-7332

Formula	Name and System No.
C ₄ H ₈ Cl ₂ O	1,3-Dichloro-2-methyl-2-propanol. B.p. 174 337
C ₄ H ₈ Cl ₂ S	Bis(2-chloroethyl) sulfide. B.p. 216.8 4204, 7333-7341
C ₄ H ₈ O	2-Butanone. B.p. 79.6 338, 1121, 1216, 1300, 1460, 1564, 1640, 1785, 1993, 2299, 2343, 2509, 2518, 2947, 2977, 3117, 3292, 3505, 3532, 3910, 4005, 4495, 4688, 4729, 5330, 5404, 5519, 5568, 5674, 5730, 5757, 5838, 5873, 6272, 6335, 6445, 6789, 6815, 6839, 6887, 6998, 7342-7385, 15851, 15868, 15870, 15977, 16032, 16060, 16082, 16110-16122, 16250, 16252, 16257-16258, 16275, 16285, 1629, 16304, 16305, 16364, 16365, 16393-16396, 16463-16467, 16431a, 16433c, 16443a, 16565c
C ₄ H ₈ O	1-Butene-3-ol. B.p. 96 339, 7386
C ₄ H ₈ O	Butyraldehyde. B.p. 76 340, 1217, 1461, 1994, 4006, 5331, 5520, 5728, 5758, 6816, 6888, 7342, 7387-7399, 15978, 16033, 16123-16127
C ₄ H ₈ O	Crotonyl alcohol. B.p. 119 341
C ₄ H ₈ O	Cyclopropyl methyl ether. B.p. 44.73 5458
C ₄ H ₈ O	Ethyl vinyl ether. B.p. 35.5 342, 3057, 4007, 15979
C ₄ H ₈ O	Isobutene oxide. B.p. 50 1463, 1565, 2948
C ₄ H ₈ O	Isobutyraldehyde. B.p. 63.5 343, 1122, 1218, 1462, 1995, 2949, 4008, 4687, 5332, 5493, 5521, 5729, 5759, 7343, 7387, 7400-7405, 16128, 16129
C ₄ H ₈ O	2-Methyl-2-propen-1-ol. B.p. 113.8 7406
C ₄ H ₈ O	Methyl propenyl ether. B.p. 46.3 344
C ₄ H ₈ O	Tetrahydrofuran. B.p. 66 345, 1464, 1996, 2510, 2519, 4009, 6273, 6817, 7407, 16332, 4204a, 6335a, 7406a, 16324a
C ₄ H ₈ OS	Ethyl thioacetate. B.p. 116.6 4010, 4205, 5405, 6336, 6446, 7408-7415
C ₄ H ₈ OS	2-(Methylthio)propionaldehyde. 346
C ₄ H ₈ OS	1,4-Oxathiane. B.p. 149.2 347
C ₄ H ₈ O ₂	Butyric acid. B.p. 162.45 27, 348, 1123, 1219, 1364, 1581, 1641, 2180, 2236, 2300, 2410, 2548, 2738, 2842, 2879, 2978, 3118, 3263, 3314, 4655, 4697, 4961, 5055, 5095, 5158, 5569, 6915, 6971, 7053, 7123, 7176, 7257, 7388, 7416-7513, 16468, 15872b, 16362a
C ₄ H ₈ O ₂	1,2-Dimethoxyethylene. B.p. 102 1997
C ₄ H ₈ O ₂	<i>p</i> -Dioxane. B.p. 101.32 349, 1041, 1124, 1465, 1642, 1786, 1998, 2181, 2301, 2739, 2979, 3119, 3387, 3865, 3911, 4011, 4206, 4637, 5003, 5159, 5333, 5406, 5570, 5675, 5852, 5874, 6307, 6337, 6447, 6541, 7174, 7344, 7514-7555, 15857, 16020, 16392, 16469, 16470, 118b, 148b, 2769a
C ₄ H ₈ O ₂	1,3-Dioxane. B.p. 104 350, 7556

Formula	Name and System No.
$C_2H_4O_2$	Ethoxyacetaldehyde. B.p. 105 351
$C_2H_4O_2$	Ethyl acetate. B.p. 77.05 28, 352, 1125, 1220, 1301, 1466, 1737, 1787, 1999, 2302, 2753, 2770, 2980, 3120, 3315, 3506, 3533, 4012, 4730, 5028, 5171, 5334, 5407, 5676, 5731, 6760, 5779, 6274, 6338, 6448, 6818, 6889, 7345, 7514, 7557-7594, 15903, 15933, 15956, 15980, 16253, 16259, 16276, 16279, 16286, 16323, 16333, 16364, 16366, 16391, 16393, 16397, 16398, 16444, 16463, 16471, 16472, 16557, 5521a, 6964a, 16431b, 16433c
$C_4H_8O_2$	2-Hydroxybutyraldehyde. 353
$C_4H_8O_2$	Isobutyric acid. B.p. 154.35 354, 1042, 1221, 1365, 1582, 2182, 2411, 2549, 2880, 4656, 4743, 4962, 5056, 5096, 6916, 6972, 7026, 7054, 7124, 7177, 7515, 7595-7667, 16130, 16473, 16474, 15872c
$C_4H_8O_2$	Isopropyl formate. B.p. 68.8 355, 1126, 1222, 1467, 2000, 3507, 3534, 5335, 5522, 5732, 6819, 7346, 7557, 7668-7673, 16303
$C_4H_8O_2$	3-Methoxypropionaldehyde. 356
$C_4H_8O_2$	2-Methyl-1,3-dioxolane. B.p. 82.5 357
$C_4H_8O_2$	Methyl propionate. B.p. 79.85 358, 1127, 1223, 1302, 1468, 1788, 2001, 2303, 2771, 3535, 4013, 5029, 5172, 5408, 5733, 5875, 6339, 6449, 6890, 7347, 7558 7674-7694, 15904, 16049, 16257, 16313, 16394
$C_4H_8O_2$	Propyl formate. B.p. 80.9 359, 1128, 1224, 1303, 1469, 1789, 2002, 2304, 2344, 2772, 2981, 3121, 3536, 4014, 4731, 5030, 5173, 5409, 5734, 5876, 6340, 6450, 6891, 7348, 7389, 7559, 7674, 7695-7723, 16083, 16464, 1642a
$C_4H_8O_2$	2-Vinyloxyethanol. B.p. 143 360, 4207
$C_4H_8O_2S$	Sulfolane. 16475
$C_4H_8O_3$	Ethylene glycol monoacetate. B.p. 190.9 3581, 4208, 5900, 7055, 7258, 7724-7771
$C_4H_8O_3$	Methyl lactate. B.p. 144.8 361, 1366, 2183, 2412, 2550, 2881, 4902, 4963, 6542, 7125, 7178, 7772- 7829, 16461
$C_4H_8O_3$	Propylene glycol monoformate. 7830
C_4H_8S	Thiophane. B.p. 118.8 1043, 1643, 2003, 3122, 3388, 4847, 6308, 6341, 6451, 7831-7848
C_4H_9Br	1-Bromobutane. B.p. 101.5 1044, 1516, 1644, 1790, 2004, 2345, 2773, 3023, 3123, 3335, 3389, 3866, 3912, 4015, 4209, 4744, 4848, 5410, 5571, 5677, 6309, 6452, 7516, 7849- 7878, 6341a
C_4H_9Br	2-Bromobutane. B.p. 91.2 1304, 2005, 3124, 3913, 4016, 5678, 6342, 6453, 7349, 7675, 7695, 7879- 7887
C_4H_9Br	1-Bromo-2-methylpropane. B.p. 91.4 1305, 1645, 1791, 2006, 2346, 2774, 3125, 3336, 3390, 3867, 3914, 4017, 4210, 5031, 5411, 5679, 6310, 6343, 6454, 6983, 7350, 7517, 7560, 7676, 7696, 7879, 7888-7916, 15981, 361a

Formula	Name and System No.
C ₄ H ₉ Br	2-Bromo-2-methylpropane. B.p. 73.3 1129, 1225, 1646, 1792, 1893, 2007, 3126, 3537, 3915, 4018, 5336, 5680, 6344, 6455, 6820, 7351, 7561, 7677, 7697, 7917-7926
C ₄ H ₉ Cl	1-Chlorobutane. B.p. 77.9 362, 1226, 1647, 1793, 1894, 2008, 2347, 2775, 3127, 3508, 3868, 3916, 4019, 4849, 5337, 5412, 5681, 6345, 6456, 6821, 6892, 6994, 7352, 7562, 7678, 7698, 7849, 7927-7949, 16131, 16132, 16476, 16563
C ₄ H ₉ Cl	2-Chlorobutane. B.p. 68.25 1227, 1895, 2009, 3128, 4020, 5338, 5523, 6346, 6457, 6822, 7353, 7563, 7699, 7950-7956
C ₄ H ₉ Cl	1-Chloro-2-methylpropane. B.p. 68.8 363, 1228, 1648, 1794, 1896, 2010, 2776, 3129, 3509, 3917, 4021, 4732, 5339, 5413, 5494, 5524, 5735, 6347, 6458, 6823, 7354, 7390, 7518, 7564, 7668, 7679, 7700, 7950, 7957-7974, 15982, 16061, 16084, 16133, 16326, 16399, 16434
C ₄ H ₉ Cl	2-Chloro-2-methylpropane. B.p. 50.8 1229, 1649, 2011, 3264, 3510, 4022, 5340, 5495, 5525, 6238, 6296, 6459, 6632, 6824, 7400, 7975-7982
C ₄ H ₉ ClO	2-Chloroethyl ethyl ether. B.p. 98.5 1130, 1230, 1517, 2982, 4496, 5475, 6893, 7888, 7927, 7983-7991
C ₄ H ₉ ClO	1-Chloro-2-methyl-2-propanol B.p. 126.7 364
C ₄ H ₉ Cl ₃ Sn	Butyltin trichloride. 7992, 7993, 16477
C ₄ H ₉ I	1-Iodobutane. B.p. 130.4 1650, 1795, 2012, 2882, 3024, 3130, 3391, 3582, 4023, 4211, 4850, 4903, 5414, 5572, 5797, 5822, 5901, 6095, 6348, 6460, 6543, 6921, 7027, 7179, 7416, 7595, 7772, 7794-8023
C ₄ H ₉ I	2-Iodobutane. B.p. 120.0 2013, 3131, 4024, 6311, 6462, 8024-8027
C ₄ H ₉ I	1-Iodo-2-methylpropane. B.p. 120.8 365, 1045, 1367, 1651, 1796, 2014, 2184, 2348, 2883, 3025, 3132, 3392, 3583, 4025, 4212, 4851, 4904, 5573, 5798, 6096, 6312, 6349, 6461, 6544, 7239, 7417, 7773, 8028-8053, 16342, 16421, 5414a
C ₄ H ₉ N	Methallylamine. B.p. 78.7 366
C ₄ H ₉ N	Pyrrolidine. B.p. 88 8054
C ₄ H ₉ NO	2-Butanone oxime. 8055, 8056
C ₄ H ₉ NO	<i>N,N</i> -Dimethylacetamide. B.p. 165 3133
C ₄ H ₉ NO	Morpholine. B.p. 128 367, 8057-8059
C ₄ H ₉ NO ₂	Butyl nitrite. B.p. 78.2 368, 1131, 1231, 1306, 1470, 2305, 2777, 2983, 5174, 5341, 5736, 6825, 6894, 6995, 7355, 7565, 7680, 7701, 7889, 7917, 7928, 7951, 7957, 8060- 8071
C ₄ H ₉ NO ₂	Isobutyl nitrite. B.p. 67.1 369, 1132, 1232, 1471, 2950, 4733, 5175, 5342, 5526, 5737, 5761, 5780, 6826, 6895, 7356, 7566, 7669, 7918, 7929, 7952, 7958, 7975, 8072-8079
C ₄ H ₉ NO ₂	<i>N</i> (2-Hydroxyethyl)acetamide. 370

Formula	Name and System No.
$C_4H_9NO_3$	Isobutyl nitrate. B.p. 122.9 371, 2185, 3134, 5574, 6545, 7994, 8028, 8080-8099
$C_4H_9NO_3$	2-Methyl-2-nitro-1-propanol. 8100
C_4H_{10}	Butane. B.p. -0.5 184, 977, 999, 1720, 1751, 2132, 2143, 2150, 3058, 3074, 3265, 3369, 3850, 3946, 4545, 5343, 6851, 6965, 8101, 16246, 7256a, 7256d, 8100a, 16451b, 16451c, 16451d
C_4H_{10}	2-Methylpropane. B.p. -10 185, 978, 1000, 1722, 1752, 2133, 2144, 3075, 3266, 4544, 6327, 6852, 15905, 16247, 7256b, 7256e, 7256f, 8100a, 16451b, 16451d
$C_4H_{10}O$	Butyl alcohol. B.p. 117.75 29, 372, 1046, 1133, 1233, 1307, 1368, 1797, 2015, 2148, 2186, 2276, 2306, 2497, 2502, 2551, 2843, 2884, 2984, 3135, 3393, 3538, 3584, 3869, 3918, 4026, 4213, 4638, 4734, 4745, 4810, 4852, 4905, 5004, 5032, 5057, 5176, 5344, 5682, 5738, 5799, 5853, 5877, 6252, 6275, 6313, 6546, 6857, 6922, 6973, 7004, 7008, 7126, 7180, 7240, 7259, 7304, 7357, 7391, 7401, 7408, 7519, 7681, 7702, 7774, 7850, 7880, 7890, 7930, 7959, 7995, 8029, 8080, 8102-8215, 16131, 16134-16151, 16260, 16397, 16465, 16471, 16476, 16478-16482, 16569, 15982a, 16409a, 16481a, 16481b, 16482a
$C_4H_{10}O$	<i>sec</i> -Butyl alcohol. B.p. 99.4 373, 1047, 1134, 1308, 1472, 1798, 2187, 2307, 2885, 2985, 3316, 3870, 3919, 4027, 4811, 4853, 4906, 5415, 5683, 5762, 5878, 6253, 6276, 6463, 6547, 7305, 7358, 7409, 7520, 7568, 7596, 7682, 7703, 7851, 7881, 7891, 7931, 7960, 8102, 8216-8255, 16110, 16130, 16134, 16152-16169, 15851a
$C_4H_{10}O$	<i>tert</i> -Butyl alcohol. B.p. 82.5 374, 1048, 1135, 1235, 1309, 1473, 1799, 1897, 2188, 2308, 2951, 2986, 3871, 3920, 4028, 4497, 4735, 4803, 4854, 5345, 5684, 5739, 5763, 5781, 5879, 6254, 6277, 6350, 6827, 7359, 7521, 7569, 7683, 7704, 7852, 7892, 7919, 7932, 7961, 7976, 7996, 8256-8287, 15852, 16111, 16133, 16152, 16170-16174, 2015a, 3538a, 8102a, 15905a, 15982b, 16169a, 16482b
$C_4H_{10}O$	Ethyl ether. B.p. 34.5 30, 39, 186, 375, 1136, 1234, 1474, 1566, 1652, 1738, 1898, 2016, 2271, 2374, 2522, 2650, 2778, 2987, 3059, 3136, 3267, 3293, 3317, 3511, 3851, 4029, 4480, 4498, 4551, 4790, 4804, 5346, 5460, 5496, 5527, 5782, 6239, 6297, 6351, 6464, 6840, 6966, 7418, 7597, 8104, 8288-8305, 15983, 16388, 16389, 16483, 4649a
$C_4H_{10}O$	Isobutyl alcohol. B.p. 107.1 376, 1049, 1137, 1236, 1310, 1369, 1475, 1518, 1800, 2189, 2309, 2349, 2552, 2740, 2779, 2825, 2844, 2886, 2988, 3394, 3539, 3872, 3921, 3947, 4639, 4736, 4746, 4812, 4855, 4907, 5005, 5033, 5058, 5177, 5347, 5685, 5740, 5800, 5854, 5880, 6255, 6278, 6314, 6465, 6548, 6858, 6923, 7005, 7127, 7181, 7241, 7360, 7392, 7402, 7410, 7522, 7570, 7705, 7853, 7882, 7893, 7920, 7933, 7962, 7997, 8030, 8081, 8103, 1256, 8306-8392, 15861, 15906, 15926, 16123, 16128, 16175-16190, 16343, 16392, 16422, 16469, 16484, 4029a, 15982c, 16484a
$C_4H_{10}O$	Methyl propyl ether. B.p. 38.9 377, 1237, 1476, 1567, 1739, 2017, 3268, 3318, 3852, 4030, 4499, 4552, 5348, 5783, 6240, 6633, 8288, 8393-8396
$C_4H_{10}O_2$	Acetaldehyde dimethyl acetal. B.p. 64.3 380, 1238, 1311, 1478, 2018, 3540, 4031, 4737, 5497, 5529, 5741, 5764, 6466, 7393, 7934, 7963, 8072, 8397-8400, 15907, 16124
$C_4H_{10}O_2$	<i>levo</i> -2,3-Butanediol. B.p. 183 378, 8401

Formula	Name and System No.
$C_4H_{10}O_2$	<i>meso</i> -2,3-Butanediol. B.p. 183 379, 7386, 8402, 8403
$C_4H_{10}O_2$	1,4-Butanediol. B.p. 230 8404
$C_4H_{10}O_2$	1,2-Dimethoxyethane. B.p. 83 381, 8405
$C_4H_{10}O_2$	2-Ethoxyethanol. B.p. 135.1 382, 1370, 1583, 1801, 2190, 2413, 2553, 2887, 3337, 3395, 4032, 4561, 4908, 5059, 5801, 5855, 6279, 6315, 6924, 7128, 7182, 7571, 7775, 7998, 8031, 8082, 8105, 8306, 8406-8511, 15984, 16059, 16191, 16485-16487
$C_4H_{10}O_2$	Ethoxymethoxymethane. B.p. 65.91 383, 1477, 1899, 2019, 4033, 4738, 5528, 5742, 7921, 15908, 15985
$C_4H_{10}O_2$	1-Methoxy-2-propanol. B.p. 118 384, 8512, 6650a
$C_4H_{10}O_2$	2-Methoxy-1-propanol. B.p. 130 385
$C_4H_{10}O_3$	Diethylene glycol. B.p. 245.5 386, 3585, 5133, 5902, 6680, 7003, 7260, 8513-8612
$C_4H_{10}S$	Butanethiol. B.p. 97.5 1050, 1519, 1802, 3396, 5686, 6467, 6925, 7707, 7935, 8106, 8613-8629, 16135
$C_4H_{10}S$	2-Butanethiol. B.p. 85.15 6896, 8630-8641
$C_4H_{10}S$	Ethyl sulfide. B.p. 92.2 1138, 1312, 1479, 1653, 1803, 2020, 2310, 3015, 3137, 3397, 3922, 4034, 5349, 5416, 5476, 5575, 5687, 6352, 6468, 6926, 7361, 7572, 7684, 7706, 7854, 7894, 7983, 8060, 8107, 8216, 8257, 8613, 8642-8665
$C_4H_{10}S$	Isopropyl methyl sulfide. B.p. 84.76 6897, 8630, 8666-8673
$C_4H_{10}S$	2-Methyl-1-propanethiol. B.p. 88 2311, 2989, 5477, 8642, 8674-8691
$C_4H_{10}S$	2-Methyl-2-propanethiol. B.p. 64.35 8692-8696
$C_4H_{10}S$	Methyl propyl sulfide. B.p. 95.47 8697-8704
$C_4H_{10}S_2$	Ethyl disulfide. B.p. 154.11 8705, 8706
$C_4H_{11}ClSi$	Chloromethyltrimethylsilane. B.p. 97 4035
$C_4H_{11}N$	Butylamine. B.p. 77.8 387, 4036, 5350, 6353, 7362, 8108, 8707-8708e, 15986, 16062, 16136, 16193, 16478, 2020a
$C_4H_{11}N$	Diethylamine. B.p. 55.9 388, 1139, 1239, 2021, 2952, 3319, 4037, 4553, 5351, 5530, 6634, 7363, 7523, 7573, 8289, 8393, 8397, 8709-8718, 15934, 16194
$C_4H_{11}N$	Isobutylamine. B.p. 68 389, 2022, 5352, 8719-8725
$C_4H_{11}NO$	2-Amino-2-methyl-1-propanol. B.p. 165.4 8726
$C_4H_{11}NO$	2-Dimethylaminoethanol. B.p. 134.6 390, 4546, 8727-8730, 16021
$C_4H_{11}NO$	3-Methoxypropylamine. B.p. 116 391

Formula	Name and System No.
$C_4H_{11}NO_2$	2,2'-Iminodiethanol. B.p. 268 392, 3586, 4554, 4562, 8731-8735
$C_4H_{11}O_3P$	Diethyl phosphite. 2752, 2817, 7224, 7253, 8258, 8736-8739
$C_4H_{12}Ge$	Tetramethylgermane. B.p. 43.5 8289a
$C_4H_{12}N_2$	Tetramethylhydrazine. 393
$C_4H_{12}Si$	Tetramethylsilane. B.p. 26.64 1740
$C_4H_{12}OSi$	Methoxytrimethylsilane. B.p. 57 2023
$C_4H_{12}O_4Si$	Tetramethoxysilane. B.p. 121.8 8740
$C_5Cl_2F_6$	1,2-Dichlorohexafluorocyclopentene. B.p. 90.6 6861, 8741
C_5F_{10}	Perfluorocyclopentane. 189, 8742, 8743
$C_5F_{11}IO$	Heptafluoroisopropyl 2-iodo-tetrafluoroethyl ether. B.p. 86 279a
C_5F_{12}	Perfluoropentane. 3, 188, 190, 8742
$C_5H_4F_8O$	2,2,3,3,4,4,5,5-Octafluoro-1-pentanol. 8744, 8745
$C_5H_4O_2$	2-Furaldehyde. B.p. 161.45 394, 1140, 1371, 1480, 2191, 2237, 2414, 2554, 2888, 3060, 3138, 3398, 3587, 4214, 4964, 5060, 5097, 5185, 5576, 6097, 6549, 6953, 6974, 7056, 7225, 7261, 7306, 7419, 7574, 7598, 7724, 7999, 8406, 8746-8829, 15950, 16452, 16488-16491
C_5H_5N	Pyridine. B.p. 115.5 31, 156, 395, 1051, 1141, 1536, 1654, 1804, 2024, 2192, 2741, 2889, 3139, 3399, 4038, 4215, 4856, 4950, 5353, 5417, 5577, 6469, 6550, 7013, 7420, 7524, 7831, 8000, 8032, 8109, 8217, 8307, 8407, 8614, 8643, 8830-8872, 15833, 15873, 16195-16212, 16363, 16367-16374, 16410, 16442, 16468, 16479, 16492-16494, 16564, 16565, 1480a, 2779b
C_5H_6	Cyclopentadiene. B.p. 41.0 3269, 5354, 8872a
$C_5H_6N_2$	2-Methylpyrazine. B.p. 133 396
C_5H_6O	2-Methylfuran. B.p. 63.7 397, 1240, 2025, 4039, 5459, 5531, 7364, 15909, 16034
$C_5H_6O_2$	Furfuryl alcohol. B.p. 169.35 398, 1584, 2193, 2555, 3338, 3400, 3588, 5098, 5903, 6098, 8746, 8873- 8894
C_5H_6S	2-Methylthiophene. B.p. 111.92 4530, 8895-8898
C_5H_6S	3-Methylthiophene. B.p. 114.96 8899-8905
C_5H_7Cl	Chloroprene. B.p. 59.4 6967
C_5H_7ClO	2-Chloroallyl vinyl ether. 4808
C_5H_7N	3-Methyl-3-butenenitrile. B.p. 137 399

Formula	Name and System No.
C_5H_7N	1-Methylpyrrole. B.p. 112.8 3016, 6470, 6551, 7832, 7984, 8110, 8308, 8644
C_5H_7N	2-Methylpyrrole. B.p. 147.5 8408, 8906
C_5H_7NO	Furfurylamine. B.p. 144 400
C_5H_8	Cyclopentene. B.p. 43 2026, 3270, 5461, 5532, 8907
C_5H_8	Isoprene. B.p. 34.3 1241, 1805, 2027, 2145, 2611, 2780, 3271, 3320, 4040, 4481, 4500, 5355, 5462, 5498, 5784, 6241, 6636, 8290, 8394, 8908-8916, 15935, 16035, 16314, 16315, 16334, 16335, 16353, 16354, 16383, 16435, 16436, 400a, 8258a, 8872a, 15909a, 16105a, 16169a, 16212a
C_5H_8	3-Methyl-1,2-butadiene. B.p. 40.8 2028, 3272, 3321, 4041, 5356, 6635, 6790, 8291, 8908, 8917
C_5H_8	Piperylene. B.p. 42.5 1806, 2029, 2030, 3273, 5357, 8907, 8909, 2780a, 8917a
$C_5H_8Cl_4$	Tetrachloropentane. 4684, 8918
C_5H_8O	Allyl vinyl ether. B.p. 67.4 401, 5418
C_5H_8O	Cyclopentanone. B.p. 130.65 402, 2194, 2748, 3140, 4563, 4857, 4909, 4951, 5578, 7183, 7599, 7776, 8001, 8409, 8919-8931
C_5H_8O	1-Methoxy-1,3-butadiene. B.p. 90.71 403, 2031
C_5H_8O	3-Methyl-3-butene-2-one. B.p. 98.5 404
C_5H_8O	2-Methyl-3-butyn-2-ol. B.p. 103 405
C_5H_8O	4-Pentenal. B.p. 106 406
C_5H_8O	3-Penten-2-one. B.p. 123.5 407
$C_5H_8O_2$	Allyl acetate. B.p. 105 408, 5419
$C_5H_8O_2$	3,3-Dimethoxypropyne. B.p. 111 16024
$C_5H_8O_2$	Ethyl acrylate. B.p. 100 409, 2032, 4042, 4694, 7006, 8932, 15987, 16026, 16213
$C_5H_8O_2$	Isopropenyl acetate. B.p. 96.5 410, 5358, 7014, 8935
$C_5H_8O_2$	Methyl methacrylate. B.p. 99.5 411, 2033, 7007, 8111, 8410, 8933, 8934
$C_5H_8O_2$	2,3-Pentanedione. B.p. 109 412
$C_5H_8O_2$	2,4-Pentanedione. B.p. 138 413, 5579, 7028, 8935-8946
$C_5H_8O_2$	Δ -Valerolactone. 414
$C_5H_8O_2$	Vinyl propionate. B.p. 95.0 415
$C_5H_8O_3$	Ethyl pyruvate. B.p. 155.5 5580, 7421, 7600, 8947-8974

Formula	Name and System No.
$C_5H_8O_3$	Levulinic acid. B.p. 252 3589, 5904, 8975-8997
$C_5H_8O_3$	Methyl acetoacetate. B.p. 169.5 2415, 2556, 7226, 7262, 7601, 8747, 8998-9041
$C_5H_8O_4$	Methylene diacetate. B.p. 164 3140a, 7015, 16363a
$C_5H_8O_4$	Methyl malonate. B.p. 181.5 2238, 2416, 5099, 6099, 9042-9105
$C_5H_8O_4$	Propylene glycol diformate. 9106
$C_5H_9ClO_2$	Propyl chloroacetate. B.p. 162.3 416, 1372, 2417, 2557, 3590, 4216, 5581, 5905, 6471, 7422, 8112, 8309, 9107-9128, 16085
C_5H_9N	Isovaleronitrile. B.p. 130.5 2195, 6552, 8002, 9129-9131
C_5H_9N	Valeronitrile. B.p. 141.3 2890, 6553, 8113, 8411, 9132-9144
C_5H_9NO	α -Hydroxyvaleronitrile. 8736
C_5H_9NO	<i>N</i> -Methyl-2-pyrrolidone. B.p. 251 7002, 416a, 8917a
C_5H_{10}	Amylenes. 2146, 2782, 2783, 5465, 9145, 9146, 15936, 6837b
C_5H_{10}	Cyclopentane. B.p. 49.3 1242, 1568, 1655, 1741, 1810, 1900, 2034, 2781, 2953, 3141, 3274, 3322, 3512, 3853, 3923, 4043, 4482, 4501, 4805, 5359, 5463, 5499, 5533, 5785, 5792, 6242, 6298, 6354, 6637, 6791, 6808, 6841, 7670, 7708, 7964, 7977, 8073, 8259, 8292, 8310, 8719, 8910, 9147-9153, 16390
C_5H_{10}	2-Methyl-1-butene. B.p. 32 1001, 1807, 2035, 3076, 3275, 4044, 4503, 5360, 5464, 5793, 8911, 9154
C_5H_{10}	3-Methyl-1-butene. B.p. 21.2 1002, 1244, 1657, 1743, 1809, 2037, 2612, 3077, 3276, 3370, 3854, 4045, 4484, 4504, 4547, 4555, 4791, 5362, 6244, 6356, 6638, 6883, 8294, 8913, 9158
C_5H_{10}	2-Methyl-2-butene. B.p. 37.7 1003, 1243, 1481, 1569, 1656, 1742, 1808, 2036, 2784, 3078, 3277, 3323, 3513, 3855, 4046, 4483, 4502, 5361, 5500, 5534, 5794, 6243, 6355, 6639, 6792, 6842, 8114, 8260, 8293, 8395, 8709, 8912, 8917, 9147, 9155-9157, 16271, 16273, 16280, 16314, 16316, 16320, 16331, 16334, 16353, 16355, 16384, 16387, 16388, 16435, 16451, 16483
C_5H_{10}	1-Pentene. B.p. 30.2 1004, 2038, 2785, 3079, 3278, 5363, 5535, 6640
C_5H_{10}	2-Pentene. B.p. 35.8 1005, 2039, 2040, 2786, 3080, 3279, 5364, 5466, 6641
$C_5H_{10}Cl_2O_2$	Bis(2-chloroethoxy)methane. B.p. 218.1 417
$C_5H_{10}N_2$	3-Dimethylaminopropionitrile. B.p. 174.5 418
$C_5H_{10}O$	Allyl ethyl ether. B.p. 63 4047, 16063, 16153
$C_5H_{10}O$	1-Butenyl methyl ether. B.p. 72-76 419, 420, 15988

Formula	Name and System No.
C ₅ H ₁₀ O	Cyclopentanol. B.p. 140.85 421, 1245, 1811, 2196, 3339, 3401, 4813, 4910, 6554, 6927, 6954, 7184, 7263, 7307, 7777, 8003, 8083, 8412, 8936, 9159-9184
C ₅ H ₁₀ O	Isopropenyl methyl ether. B.p. 61.9 422
C ₅ H ₁₀ O	Isopropyl vinyl ether. B.p. 55.7 423, 4048, 6357
C ₅ H ₁₀ O	Isovaleraldehyde. B.p. 92.5 424, 1052, 1142, 2312, 2990, 3142, 3924, 7365, 7575, 7685, 7936, 8311, 8645, 9185-9188, 16175
C ₅ H ₁₀ O	3-Methyl-2-butanone. B.p. 95.4 426, 1143, 1246, 1313, 1520, 1658, 1812, 2041, 2313, 2991, 4050, 5420, 5688, 5856, 6358, 6472, 6898, 7525, 7895, 7937, 7985, 8061, 8115, 8312, 8646, 8710, 8720 9189-9198
C ₅ H ₁₀ O	3-Methyl-2-buten-1-ol. B.p. 140 424a, 9198f
C ₅ H ₁₀ O	3-Methyl-3-buten-1-ol. B.p. 130 424b, 9198g, 16213c
C ₅ H ₁₀ O	2-Methyl-3-buten-2-ol. B.p. 97 424c, 1481a, 1143a, 2991a, 7574a, 8260a, 9198a-9198g, 15868a, 16169b, 16213a
C ₅ H ₁₀ O	2-Pentanone. B.p. 102.35 427, 1247, 1314, 1521, 1659, 1813, 2826, 4049, 5006, 5160, 5421, 5857, 6359 6473, 6985, 7855, 7896, 8116, 8313, 8830, 9199-9213, 16214
C ₅ H ₁₀ O	3-Pentanone. B.p. 102 428, 1053, 1248, 1315, 1522, 1660, 1814, 2042, 2314, 2350, 2827, 2845, 3143, 3873, 4858, 5007, 5422, 5839, 5858, 6360, 6474, 6986, 7833, 7856, 7883, 7897, 7986, 8117, 8218, 8261, 8314, 8647, 8831, 9185, 9199, 9214- 9240, 15880, 16086, 16176, 16311, 16317, 16424-16426, 16447
C ₅ H ₁₀ O	Propyl vinyl ether. B.p. 65.1 429, 4051, 15989
C ₅ H ₁₀ O	Tetrahydropyran. B.p. 88 430
C ₅ H ₁₀ O	Valeraldehyde. B.p. 103.3 431, 432
C ₅ H ₁₀ OS	2-Methylthioethyl vinyl ether. 6537
C ₅ H ₁₀ O ₂	Butyl formate. B.p. 106.6 433, 1316, 1815, 2043, 2351, 3144, 4814, 5008, 6361, 6475, 7857, 7898, 8033, 8118, 8219, 8315, 8832, 9200, 9214, 9241-9257, 16137, 1660a
C ₅ H ₁₀ O ₂	4,5-Dimethyl-1,3-dioxolane. 434
C ₅ H ₁₀ O ₂	3-Ethoxy-1,2-epoxypropane. B.p. 124 435
C ₅ H ₁₀ O ₂	Ethyl propionate. B.p. 99.15 32, 436, 1054, 1249, 1317, 1816, 2044, 2315, 2352, 2491, 2787, 3145, 4052, 5009, 5034, 5161, 5423, 6476, 6987, 7576, 7858, 7899, 8119, 8220, 8316, 9189, 9201, 9215, 9258-9274
C ₅ H ₁₀ O ₂	3-Hydroxy-3-methyl-2-butanone. B.p. 141 437
C ₅ H ₁₀ O ₂	Isobutyl formate. B.p. 98.3 438, 1144, 1250, 1318, 1661, 1817, 2045, 2316, 2353, 3146, 3402, 4053, 5010, 5424, 5689, 5881, 6362, 6477, 7526, 7834, 7859, 7900, 8120, 8221, 8262, 8317, 9202, 9216, 9258, 9275-9289, 16177

Formula	Name and System No.
$C_5H_{10}O_2$	Isopropyl acetate. B.p. 90.8 439, 1145, 1251, 1319, 1523, 1818, 2046, 2317, 2354, 2788, 2992, 3147, 4054, 5011, 5153, 5365, 5690, 5743, 5859, 5882, 6363, 7016, 7366, 7527, 7860, 7901, 7938, 8062, 8121, 8318, 9190, 9290-9303, 15990, 16036, 16064, 16433, 16445
$C_5H_{10}O_2$	Isovaleric acid. B.p. 176.5 440, 1252, 1373, 1585, 2197, 2239, 2277, 2418, 2558, 2651, 2891, 3591, 4509, 4965, 5061, 5100, 7129, 8004, 8748, 9042, 9107, 9304-9385, 16495- 16499, 15873a
$C_5H_{10}O_2$	3-Methoxybutyraldehyde. B.p. 131 441
$C_5H_{10}O_2$	Methyl butyrate. B.p. 102.65 442, 1055, 1320, 1819, 2047, 2355, 2846, 3148, 3403, 4055, 4815, 4859, 5012, 5035, 5425, 5860, 6364, 6478, 6988, 7029, 7528, 7861, 7902, 8034, 8122, 8222, 8319, 8648, 9203, 9217, 9241, 9259, 9386-9399
$C_5H_{10}O_2$	Methyl isobutyrate. B.p. 92.3 443, 1146, 1321, 1524, 1820, 2048, 2318, 2356, 3149, 3541, 4056, 5013 5426, 5691, 5861, 5883, 6365, 6479, 7862, 7884, 7903, 8123, 8223, 8263, 8320, 8649, 9186, 9191, 9204, 9218, 9275, 9290, 9400-9412
$C_5H_{10}O_2$	Propyl acetate. B.p. 101.6 33, 444, 1056, 1253, 1322, 1525, 1821, 2049, 2357, 2492, 2742, 2754, 2789, 2847, 3150, 3404, 3874, 4057, 4816, 4860, 5014, 5036, 5366, 5427, 5862, 6366, 6480, 7030, 7529, 7835, 7863, 7904, 8035, 8124, 8224, 8264, 8321, 8413, 8650, 9205, 9219, 9242, 9260, 9276, 9386, 9413-9428, 15937, 16087, 16317, 16425, 16447
$C_5H_{10}O_2$	Tetrahydrofurfuryl alcohol. 445, 9429, 7406a
$C_5H_{10}O_2$	Valeric acid. B.p. 186.35 446, 447, 1374, 2240, 2419, 2559, 2652, 3151, 4510, 5062, 5101, 6917, 8998, 9043, 9430-9485, 1661a, 15873b
$C_5H_{10}O_2$	1-Vinyloxy-2-propanol 448
$C_5H_{10}O_2$	3-Vinyloxypropanol. 449, 6651, 6679
$C_5H_{10}O_3$	Butylene glycol monoformate. 9509.
$C_5H_{10}O_3$	β -Ethoxypropionic acid. B.p. 219.2 450
$C_5H_{10}O_3$	α -Methoxybutyric acid. 451
$C_5H_{10}O_3$	Ethyl carbonate. B.p. 126.5 452, 2198, 2560, 2892, 3340, 3405, 3592, 4217, 4861, 4911, 4952, 5582, 6928, 8005, 8036, 8084, 8125, 8322, 8833, 8919, 9159, 9486-9508, 16346
$C_5H_{10}O_3$	Ethyl lactate. B.p. 153.9 2420, 2561, 4657, 4966, 6975, 7057, 7130, 7185, 7308, 8414, 8749, 9160, 9510-9562
$C_5H_{10}O_3$	2-Methoxyethyl acetate. B.p. 144.6 453, 2199, 2421, 2562, 2893, 3152, 3341, 3406, 4218, 4698, 4747, 4862, 4912, 5163, 5583, 6100, 6555, 7058, 7131, 7186, 7309, 7423, 7602, 7778, 8006, 8037, 8085, 8126, 8323, 8415, 8750, 9161, 9486, 9510, 9563-9617, 2049a
$C_5H_{10}O_3$	Methoxymethyl propionate. 454

Formula	Name and System No.
$C_5H_{10}O_3$	Methyl β -methoxypropionate. B.p. 84/100 mm 455
$C_5H_{11}Br$	1-Bromo-3-methylbutane. B.p. 120.65 1057, 1537, 1662, 1822, 2050, 2200, 2358, 2790, 3153, 3342, 3407, 3593, 3875, 4058, 4219, 4863, 4913, 5584, 5802, 5823, 5906, 6101, 6367, 6481, 6556, 6929, 7242, 7424, 7530, 7603, 8038, 8086, 8127, 8265, 8324, 8416, 8751, 8834, 8920, 9162, 9243, 9304, 9487, 9563, 9618-9642, 5427a
$C_5H_{11}Br$	1-Bromopentane. B.p. 130.0 9643
$C_5H_{11}Cl$	1-Chloro-3-methylbutane. B.p. 99.4 1058, 1538, 1663, 1823, 2052, 2359, 3026, 3154, 3408, 3925, 4059, 5015, 5428, 5585, 5692, 6368, 6482, 6557, 7246, 7531, 7709, 7836, 8128, 8225, 8266, 8325, 9192, 9220, 9261, 9277, 9291, 9387, 9400, 9413, 9644-9656
$C_5H_{11}Cl$	1-Chloropentane. B.p. 108.35 456, 2051, 4060
$C_5H_{11}I$	1-Iodo-3-methylbutane. B.p. 147.65 1375, 1664, 2563, 2653, 3027, 3155, 3409, 3550, 3594, 4220, 4748, 4914, 5186, 5586, 5907, 6102, 6483, 6558, 7031, 7059, 7132, 7187, 7425, 7604, 7779, 8129, 8226, 8326, 8417, 8752, 9305, 9430, 9488, 9511, 9564, 9657- 9689
$C_5H_{11}I$	2-Iodo-2-methylbutane. B.p. 127.5 9489
$C_5H_{11}N$	Piperidine. B.p. 105.8 457, 2053, 7532, 8835, 9221, 9690-9693, 16492
$C_5H_{11}NO$	<i>N,N</i> -Dimethylpropionamide. B.p. 175.5 5587
$C_5H_{11}NO$	4-Methylmorpholine. B.p. 115.6 458
$C_5H_{11}NO$	Tetrahydrofurfurylamine. B.p. 153 459
$C_5H_{11}NO_2$	Ethyl <i>N</i> -ethylaminoformate. 9694, 9695
$C_5H_{11}NO_2$	Isoamyl nitrite. B.p. 97.15 460, 1147, 1254, 1323, 1526, 1824, 2319, 2848, 2993, 5016, 5863, 5884, 6899, 7533, 7864, 7885, 7905, 7939, 9193, 9206, 9222, 9278, 9292, 9401, 9414, 9644, 9696-9709
$C_5H_{11}NO_3$	Isoamyl nitrate. B.p. 149.75 461, 1376, 2422, 2564, 4967, 5063, 5102, 5588, 6103, 6559, 6976, 7133, 7188, 7426, 7605, 7780, 8418, 8873, 9512, 9565, 9657, 9710-9735
C_5H_{12}	2-Methylbutane. B.p. 27.6 979, 1006, 1021, 1255, 1570, 1665, 1744, 1825, 2054, 2134, 2613, 2791, 3061, 3081, 3280, 3324, 3371, 3856, 4061, 4485, 4505, 4556, 4792, 5367, 5467, 5501, 5795, 6245, 6299, 6369, 6642, 6843, 6884, 7427, 8227, 8267, 8295, 8914, 9155, 9158, 9736-9738, 15938, 16315, 16316, 16321, 16340, 16354, 16355, 16385, 16436
C_5H_{12}	Pentane. B.p. 36.15 462, 1007, 1256, 1482, 1571, 1666, 1745, 1826, 1901, 2055, 2614, 2792, 3062, 3082, 3156, 3281, 3294, 3294, 3325, 3372, 3857, 4062, 4486, 4506, 4697, 4793, 4806, 5368, 5469, 5502, 5536, 5786, 5796, 6246, 6300, 6370, 6484, 6643, 6793, 6809, 6828, 7978, 8074, 8228, 8268, 8296, 8327, 8396, 8711, 8721, 8915, 9148, 9156, 9736, 9739-9745, 15881, 16274, 16309, 16386, 16389, 16451, 16483, 4666b, 6837c, 16169c
$C_5H_{12}N_2$	1-Methylpiperazine. B.p. 138 463

Formula	Name and System No.
$C_5H_{12}N_2O$	Tetramethylurea. B.p. 176.5 9746
$C_5H_{12}O$	Amyl alcohol. B.p. 137.8 464, 1257, 2056, 2201, 2894, 3343, 3410, 3595, 3876, 4063, 4817, 4864, 4915, 6256, 6280, 6560, 6930, 7411, 7781, 8007, 8087, 8419, 8836, 9132, 9490, 9566, 9618, 9747-9774, 16215-16219, 1147a, 9746a
$C_5H_{12}O$	Active amyl alcohol. B.p. 128.5 8744, 8921, 9775-9788
$C_5H_{12}O$	<i>tert</i> -Amyl alcohol. B.p. 102.25 465, 1059, 1148, 1258, 1324, 1827, 2202, 2320, 2793, 2849, 2895, 2994, 3542, 3877, 3926, 4818, 4865, 4916, 5017, 5037, 5369, 5744, 5865, 5885, 6316, 6561, 6931, 7247, 7310, 7412, 7534, 7865, 7906, 7940, 7965, 8229, 8737, 8837, 9207, 9223, 9244, 9262, 9279, 9388, 9402, 9415, 9415, 9567, 9619, 9645, 9739, 9789-9810, 16220-16222
$C_5H_{12}O$	Butyl methyl ether. B.p. 71 2057, 4064, 15991, 16065, 16154
$C_5H_{12}O$	<i>tert</i> -Butyl methyl ether. B.p. 55 466, 2059, 6643a, 8268a, 8915a, 9198a, 15909b, 16169d, 16212a, 16213a
$C_5H_{12}O$	Ethyl isopropyl ether. B.p. 54 16066, 16155
$C_5H_{12}O$	Ethyl propyl ether. B.p. 63.6 467, 1259, 1483, 1667, 1902, 2058, 2954, 3514, 4065, 5370, 5503, 5745, 5765, 6301, 6371, 6485, 6794, 7953, 7966, 8077, 8712, 9149, 9811-9815, 16067, 16156
$C_5H_{12}O$	Isoamyl alcohol. B.p. 132.05 468, 1060, 1149, 1260, 1377, 1527, 1586, 1828, 2203, 2321, 2423, 2565, 2850, 2896, 2995, 3344, 3411, 3543, 3596, 3878, 4066, 4221, 4749, 4819, 4866, 4917, 4968, 5018, 5064, 5746, 5803, 5908, 6104, 6317, 6486, 6562, 6933, 6999, 7134, 7175, 7189, 7264, 7311, 7782, 7866, 7907, 8008, 8039, 8088, 8328, 8420, 8651, 8745, 8838, 8906, 8922, 8937, 9109, 9224, 9245, 9491, 9513, 9568, 9620, 9646, 9658, 9775, 9816-9901, 15992, 16223- 16229, 16344, 16346, 16358, 16359, 16493, 3156a, 9746a, 16374a
$C_5H_{12}O$	Isobutyl methyl ether. B.p. 59 16068, 16157
$C_5H_{12}O$	2-Methyl-1-butanol. B.p. 128.9 8923, 9902-9905
$C_5H_{12}O$	3-Methyl-2-butanol. B.p. 112.9 469, 1061, 1261, 1325, 1829, 2322, 2996, 4867, 5886, 7867, 7908, 9906- 9913
$C_5H_{12}O$	2-Pentanol. B.p. 119.3 470, 1062, 1150, 1262, 1830, 2204, 2323, 2897, 3412, 3597, 3927, 4820, 4868, 4918, 5693, 6318, 6563, 6932, 7190, 7535, 7783, 7909, 8009, 8089, 8130, 8421, 8924, 9133, 9225, 9246, 9569, 9621, 9914-9940
$C_5H_{12}O$	3-Pentanol. B.p. 115.4 471, 1063, 1151, 1263, 1831, 2324, 2794, 2997, 3413, 4869, 4919, 5864, 6564, 7413, 7536, 7868, 7910, 7941, 8131, 8839, 9226, 9247, 9263, 9389, 9416, 9941-9950
$C_5H_{12}O_2$	Diethoxymethane. B.p. 87.5 472, 1264, 1326, 1528, 2060, 2325, 2998, 3157, 3928, 4067, 5371, 5429, 5694, 5887, 6372, 6487, 6900, 7367, 7577, 7686, 7710, 7837, 7942, 8063, 8329, 8652, 9194, 9280, 9293, 9403, 9647, 9696, 9789, 9951-9957, 15993, 16088
$C_5H_{12}O_2$	2,2-Dimethoxypropane. B.p. 80 2061, 4068

Formula	Name and System No.
$C_5H_{12}O_2$	1,2-Dimethoxypropane. B.p. 92 473
$C_5H_{12}O_2$	1-Ethoxy-2-propanol. B.p. 132.2 474
$C_5H_{12}O_2$	3-Methoxy-1-butanol. B.p. 161.1 475
$C_5H_{12}O_2$	3-Methyl-1,3-butanediol. B.p. 203 475a, 9430a, 9957a
$C_5H_{12}O_2$	1,5-Pentanediol. B.p. 242.5 476
$C_5H_{12}O_2$	2-Propoxyethanol. B.p. 151.35 477, 1378, 1587, 1832, 2205, 2424, 2666, 2898, 3414, 3598, 3879, 4222, 4564, 5103, 5187, 5804, 5909, 6105, 6934, 6977, 7135, 7191, 7265, 7312, 7784, 8040, 8090, 8753, 9163, 9514, 9570, 9622, 9659, 9710, 9816, 9958- 10022
$C_5H_{12}O_3$	2(2-Methoxyethoxy)ethanol. B.p. 192.95 478, 3599, 4223, 4565, 5259, 5910, 6106, 6565, 7725, 8513, 8754, 9711, 10023-10100
$C_5H_{12}O_3$	1,1,2-Trimethoxyethane. B.p. 126 479
$C_5H_{12}S$	Ethyl isopropyl sulfide. B.p. 107.22 4531
$C_5H_{12}S$	3-Methyl-1-butaneithiol. B.p. 120 9817, 10101, 16223
$C_5H_{13}ClOSi$	2-Chloroethoxytrimethylsilane. B.p. 134.3 3415
$C_5H_{13}N$	<i>N</i> -Methylbutylamine. B.p. 91.1 480
$C_5H_{13}NO$	3-Ethoxypropylamine. 482
$C_5H_{13}NO$	1-Ethylamino-2-propanol. B.p. 159.4 481
$C_5H_{14}N_2$	<i>N,N</i> -Dimethyl-1,3-propanediamine. B.p. 134.9 483
$C_5H_{14}OSi$	Ethoxytrimethylsilane. B.p. 75 4069, 10102, 16400
$C_5H_{14}OSi$	Methoxymethyltrimethylsilane. B.p. 83 2062
$C_6F_{12}O$	Perfluorocyclic ether. 10103
C_6F_{14}	Perfluorohexane. 4650, 8743, 10103, 10104, 10105
$C_6F_{15}N$	Perfluorotriethylamine. 8916, 9154, 9157, 9737, 10106-10108
$C_6H_3Cl_3$	1,3,5-Trichlorobenzene. B.p. 208.4 2654, 4224, 5188, 9306, 10110-10143
$C_6H_3Cl_3$	1,2,4-Trichlorobenzene. 10109
C_6H_4BrCl	<i>p</i> -Bromochlorobenzene. B.p. 196.4 2375, 2655, 3600, 4225, 5189, 5911, 7428, 9307, 10144-10167
$C_6H_4Br_2$	<i>o</i> -Dibromobenzene. B.p. 181.5 4756

Formula	Name and System No.
$C_6H_4Br_2$	<i>p</i> -Dibromobenzene. B.p. 220.25 2615, 2656, 3601, 4226, 5912, 6107, 6681, 8514, 10168-10244
$C_6H_4ClNO_2$	<i>m</i> -Chloronitrobenzene. B.p. 235.5 3602, 4227, 5913, 6682, 8515, 10168, 10245-10269
$C_6H_4ClNO_2$	<i>o</i> -Chloronitrobenzene. B.p. 246.0 3603, 4228, 5914, 6683, 8516, 10270-10288
$C_6H_4ClNO_2$	<i>p</i> -Chloronitrobenzene. B.p. 239.1 3604, 4229, 5915, 6684, 8517, 8975, 10169, 10289-10318
$C_6H_4Cl_2$	<i>c</i> -Dichlorobenzene. B.p. 179.5 2616, 2657, 3416, 3605, 4230, 4566, 5134, 5190, 5260, 5589, 5916, 6108, 7060, 7227, 7260, 7429, 7726, 8755, 8999, 9044, 9308, 9431, 10319-10366
$C_6H_4Cl_2$	<i>p</i> -Dichlorobenzene. B.p. 174.4 1588, 1668, 2376, 2617, 2658, 3028, 3158, 3417, 3606, 4231, 4511, 4567, 4757, 5191, 5261, 5590, 5917, 6109, 7061, 7136, 7228, 7267, 7430, 7606, 7727, 8756, 8874, 9000, 9045, 9309, 9432, 9515, 9694, 9958, 10367-10432
C_6H_5Br	Bromobenzene. B.p. 156.1 1379, 1589, 1669, 2377, 2425, 2567, 2618, 2659, 2899, 3029, 3159, 3418, 3551, 3607, 4232, 4512, 4568, 4699, 4969, 5192, 5262, 5591, 5805, 5824, 5918, 6110, 6488, 6935, 7032, 7062, 7137, 7137, 7192, 7229, 7268, 7313, 7431, 7607, 7785, 8132, 8330, 8422, 8757, 8938, 8947, 9001, 9046, 9310, 9433, 9516, 9571, 9712, 9818, 9959, 10319, 10433-10481, 16453, 16454, 16458, 16473, 16500-16503
C_6H_5BrO	<i>o</i> -Bromophenol. B.p. 194.8 3608, 5919, 7269, 10367, 10482-10507
C_6H_5Cl	Chlorobenzene. B.p. 131.8 484, 1152, 1380, 1484, 1670, 1833, 2063, 2660, 2755, 2900, 3030, 3160, 3345, 3419, 3609, 4070, 4233, 4569, 4700, 4870, 4920, 5372, 5430, 5592, 5806, 5825, 5920, 6111, 6257, 6373, 6489, 6566, 6853, 6936, 7033, 7193, 7314, 7432, 7578, 7608, 7786, 8091, 8133, 8230, 8331, 8423, 8758, 8840, 8875, 8925, 8939, 8948, 9164, 9311, 9492, 9517, 9572, 9747, 9776, 9790, 9819, 9914, 9960, 10433, 10508-10539, 15828, 15831, 15994, 16356- 16358, 16437, 2794a, 2817b
C_6H_5ClO	<i>o</i> -Chlorophenol. B.p. 176.8 1381, 2426, 2568, 3610, 4234, 7270, 7433, 9312, 9660, 10320, 10368, 10434, 10540-10574, 16504, 484a, 15831a
C_6H_5ClO	<i>p</i> -Chlorophenol. B.p. 219.75 3611, 4235, 5921, 6652, 10170, 10575-10643
$C_6H_5Cl_3Si$	Phenyltrichlorosilane. B.p. 201.0 10644, 10645
C_6H_5F	Fluorobenzene. B.p. 84.9 1671, 1903, 2064, 3161, 3420, 3929, 4071, 5373, 6374, 6490, 6829, 7368, 7579, 7711, 8064, 8134, 8269, 8332, 10646-10650
C_6H_5FO	<i>o</i> -Fluorophenol. 9777, 9820
C_6H_5I	Iodobenzene. B.p. 188.55 2378, 2619, 2661, 3612, 4236, 4513, 4570, 4758, 5135, 5193, 5263, 5922, 6112, 7271, 7434, 7609, 7728, 8424, 8759, 8940, 9002, 9047, 9313, 9434, 9961, 10540, 10646, 10651-10701
$C_6H_5NO_2$	Nitrobenzene. B.p. 210.85 485, 1153, 1382, 1485, 1746, 1834, 2065, 2379, 2427, 2523, 2569, 2620, 2662, 2901, 3162, 3613, 3880, 4072, 4237, 4571, 4767, 5843, 5923, 6113, 6685, 6913, 7729, 7869, 7943, 7954, 8135, 8231, 8297, 8518, 8976, 9145, 9738, 9740, 10023, 10110, 10171, 10321, 10435, 10508, 10575, 10651, 10702-10787, 16505

Formula	Name and System No.
$C_6H_5NO_2$	<i>o</i> -Nitrophenol. B.p. 217.25 3614, 4238, 5924, 6114, 6653, 6873, 7333, 8519, 10172, 10482, 10576, 10702, 10788-10849
C_6H_6	Benzene. B.p. 80.1 119, 157, 486, 1064, 1154, 1265, 1327, 1486, 1529, 1672, 1835, 1904, 2066, 2326, 2360, 2511, 2795, 2902, 2999, 3063, 3083, 3163, 3326, 3363, 3421, 3515, 3544, 3881, 3930, 4073, 4184, 4239, 4572, 4640, 4667, 4692, 4701, 4739, 4871, 5178, 5374, 5431, 5478, 5504, 5537, 5593, 5695, 5713, 5747, 5766, 5807, 5840, 5888, 5893, 6258, 6281, 6319, 6375, 6491, 6567, 6644, 6654, 6795, 6830, 6901, 6989, 6996, 7000, 7248, 7369, 7394, 7403, 7537, 7580, 7671, 7687, 7712, 7911, 7922, 7955, 7967, 7987, 8054, 8055, 8065, 8076, 8136, 8232, 8270, 8298, 8333, 8398, 8425, 8520, 8615, 8631, 8653, 8674, 8722, 8760, 8841, 9150, 9165, 9187, 9195, 9208, 9227, 9247, 9264, 9281, 9294, 9390, 9404, 9417, 9648, 9697, 9741, 9748, 9791, 9821, 9906, 9915, 9941, 9951, 10102, 10106, 10509, 10647, 10793, 10850-10882, 15874, 15910, 15939, 15957, 15995, 16022, 16025, 16041, 16069, 16089, 16101, 16112, 16138, 16158, 16170, 16178, 16195, 16214, 16220, 16224, 16230, 16248, 16254-16256, 16260-16262, 16296, 16305, 16318, 16336, 16337, 16348, 16360, 16395, 16400-16405, 16437, 16438, 16441, 16446, 16448, 16449, 16464, 16466, 16472, 16480, 16481, 16484, 16483, 16506- 16510, 16558-16562, 4652a, 6967a, 7016a, 10882a, 16229a, 16254a, 16337a, 16374b, 16433a, 16438a, 16446a, 16482b, 16484a, 16563a, 16565a., 16565b, 16565c, 16566a
$C_6H_6Cl_2Si$	Phenyldichlorosilane. B.p. 182.9 10644
C_6H_6O	Phenol. B.p. 182 487, 1155, 1383, 2241, 2428, 2524, 2570, 2663, 2903, 3422, 3552, 3615, 4240, 4514, 4573, 4715, 4768, 4970, 5065, 5104, 5164, 5194, 5264, 5375, 5826, 5925, 6115, 6568, 6874, 7063, 7272, 7370, 7435, 7610, 7730, 7787, 8010, 8137, 8426, 8761, 8842, 8876, 9003, 9048, 9166, 9314, 9435, 9518, 9573, 9661, 9746, 9749, 9822, 9962, 10024, 10111, 10144, 10173, 10322, 10369, 10436, 10510, 10541, 10652, 10883-11023, 15832, 16037, 16231, 16410-16414, 16500, 16511-16514, 16514a
$C_6H_6O_2$	Pyrocatechol. B.p. 245.9 3616, 4241, 5926, 6686, 8521, 10112, 10174, 10245, 10270, 10289, 10788, 11024-11091
$C_6H_6O_2$	Resorcinol. B.p. 281.4 3617, 4074, 5927, 6687, 10175, 10271, 10290, 11024, 11092-11129
$C_6H_6O_3$	Pyrogallol. B.p. 309 11092, 11130-11135
C_6H_6S	Benzenethiol. B.p. 169.5 3423, 9823, 10370, 11136-11141
C_6H_7N	Aniline. B.p. 184.35 104, 488, 1384, 1673, 2242, 2429, 2571, 2904, 3164, 3618, 4075, 4242, 4574, 5105, 5265, 5928, 6655, 8138, 8877, 9049, 9146, 9167, 9824, 9963, 10025, 10113, 10145, 10323, 10371, 10437, 10511, 10542, 10653, 10704, 10850, 10883, 11142-11241, 16406, 16407, 16415, 16506, 16511, 16515- 16525
C_6H_7N	2-Picoline. B.p. 129 489, 1674, 2796, 3165, 4243, 5594, 6569, 8139, 8843, 9168, 9778, 9825, 9916, 10884, 11242, 11250, 16196, 16232, 16375-16378, 16411
C_6H_7N	3-Picoline. B.p. 144 490, 1675, 3166, 4244, 5595, 6937, 9826, 10543, 10885, 11251-11254, 16412

Formula	Name and System No.
C ₆ H ₇ N	4-Picoline. B.p. 145.3 491, 1676, 3167, 5596, 6938, 10544, 10886, 11255, 11256
C ₆ H ₈	1,3-Cyclohexadiene. B.p. 80.8 493, 1156, 1266, 1487, 1677, 2067, 3168, 3931, 4076, 5376, 5432, 5538, 6376, 6492, 6831, 7371, 7581, 7968, 8140, 8271, 8334, 8675, 9792, 9827, 10851, 11257, 11258, 15911, 15996, 16042, 16070, 16090, 16171, 16179, 16197, 16338
C ₆ H ₈	1,4-Cyclohexadiene. B.p. 85.6 492, 1157, 2068, 3169, 4077, 6377, 8676, 10852, 15997
C ₆ H ₈ ClN	Aniline hydrochloride. 11259
C ₆ H ₈ N ₂	2-Amino-3-methylpyridine. B.p. 221 11260, 11261
C ₆ H ₈ N ₂	2,5-Dimethylpyrazine. B.p. 154 494
C ₆ H ₈ N ₂	2-Ethylpyrazine. 495
C ₆ H ₈ N ₂	<i>o</i> -Phenylenediamine. B.p. 258.6 3619, 4245, 5929, 11262-11281
C ₆ H ₈ N ₂	Phenylhydrazine. B.p. 243 496
C ₆ H ₈ O	2,5-Dimethylfuran. B.p. 93.3 497, 2069, 7372, 9295
C ₆ H ₈ O	2,4-Hexadienal. B.p. 171 498
C ₆ H ₈ O ₂	1,3-Butadienyl acetate. B.p. 138.5 499
C ₆ H ₈ O ₂	Vinyl crotonate. B.p. 132.7 500
C ₆ H ₈ O ₄	Methyl fumarate. B.p. 193.25 501, 2664, 5930, 6116, 7731, 8522, 9315, 10026, 10324, 10577, 10654, 10887, 11282-11314
C ₆ H ₈ O ₄	Methyl maleate. B.p. 204.05 2665, 3620, 4246, 5931, 6117, 6688, 8523, 10578, 10705, 10789, 10888, 11282, 11315-11348
C ₆ H ₉ N	1-Ethylpyrrol. B.p. 130.4 4247, 8141, 9828
C ₆ H ₉ N ₃	3,3'-Iminodipropionitrile. 502
C ₆ H ₁₀	Biallyl. B.p. 60.2 1488, 1678, 1837, 2070, 2955, 3282, 3327, 3516, 4078, 5377, 5505, 5539, 6247, 6378, 6645, 6796, 7979, 8299, 8713, 9151, 9811, 11349, 15912, 15998
C ₆ H ₁₀	Cyclohexene. B.p. 82.75 503, 1065, 1158, 1267, 1328, 1489, 1679, 1836, 2071, 2327, 2905, 3000, 3170, 3424, 4079, 4248, 5433, 5540, 6379, 6493, 6902, 7373, 7436, 7538, 7582, 7688, 7713, 7969, 8142, 8233, 8272, 8335, 8427, 8677, 9793, 9829, 9907, 9917, 10853, 11257, 11350-11355, 15913, 15999, 16043, 16071, 16091, 16139, 16172, 16180, 16198, 16336
C ₆ H ₁₀	2,3-Dimethyl-1,3-butadiene. B.p. 68.9 2072
C ₆ H ₁₀	2-Ethyl-1,3-butadiene. B.p. 66.9 504

Formula	Name and System No.
C ₆ H ₁₀	1,3-Hexadiene. B.p. 72.9 2073, 4080, 6380
C ₆ H ₁₀	2,4-Hexadiene. B.p. 82 2074, 4081, 6381
C ₆ H ₁₀	1-Hexyne. B.p. 70.2 4082, 16000, 11355a, 11355b
C ₆ H ₁₀	3-Hexyne. B.p. 80.2 4083, 16001
C ₆ H ₁₀	Methylcyclopentene. B.p. 75.85 1268, 2075, 4084, 4085, 6494, 8273, 11356
C ₆ H ₁₀	3-Methyl-1,3-pentadiene. B.p. 77 2076, 4086, 6382
C ₆ H ₁₀	4-Methyl-1,3-pentadiene 505
C ₆ H ₁₀ O	Allyl ether. B.p. 94.84 5434, 16044
C ₆ H ₁₀ O	Cyclohexanone. B.p. 155.6 506, 1385, 2430, 2572, 3346, 3621, 4575, 4678, 4971, 5106, 5195, 5266, 5597, 6118, 6282, 7064, 7194, 7315, 7437, 7539, 7611, 7788, 8762, 8949, 9004, 9316, 9519, 9662, 10438, 10512, 10889, 11144, 11357-11379, 16233, 16512, 16526, 16233a
C ₆ H ₁₀ O	2-Ethylcrotonaldehyde. B.p. 135.3 507, 16107
C ₆ H ₁₀ O	2-Hexenal. B.p. 149 508
C ₆ H ₁₀ O	1-Hexene-5-one. B.p. 129 509, 10101
C ₆ H ₁₀ O	Mesityl oxide. B.p. 129.5 510, 1386, 2206, 2573, 2906, 3171, 3347, 3425, 4750, 4872, 4921, 5066, 5598, 5696, 6383, 6570, 6939, 7034, 7195, 7395, 7789, 8011, 8143, 8428, 8844, 9169, 9493, 9623, 9663, 9779, 9830, 9918, 10513, 11380-11402
C ₆ H ₁₀ O	Methylcyclopentanone. B.p. 138 9750
C ₆ H ₁₀ O	Methylidihydropyran. B.p. 118.5 510a, 2076a, 8273a, 9198b, 11402a, 11402b, 16172a
C ₆ H ₁₀ O	2-Methyl-2-pentenal. B.p. 138.2 511
C ₆ H ₁₀ O ₂	Crotonyl acetate. B.p. 129 512
C ₆ H ₁₀ O ₂	Ethyl crotonate. B.p. 137.8 513
C ₆ H ₁₀ O ₂	2,5-Hexanedione. B.p. 191.3 4249, 11403-11407
C ₆ H ₁₀ O ₂	Isopropyl acrylate. 2077
C ₆ H ₁₀ O ₂	Propyl acrylate. 2078
C ₆ H ₁₀ O ₂	Vinyl butyrate. B.p. 116.7 514
C ₆ H ₁₀ O ₂	4-Vinyl-1,3-dioxane. B.p. 144.9 513a
C ₆ H ₁₀ O ₂	Vinyl isobutyrate. B.p. 105.4 515

Formula	Name and System No.
$C_6H_{10}O_3$	Ethyl acetoacetate. B.p. 180.4 2243, 2431, 4972, 7230, 7273, 7438, 7582a, 9317, 9436, 10114, 10146, 10325, 10372, 10439, 10655, 10890, 11408-11468, 16527-16529
$C_6H_{10}O_4$	Butylene glycol diformate. 11469
$C_6H_{10}O_4$	Ethylidene diacetate. B.p. 168.5 1387, 1590, 2244, 3426, 3622, 4250, 5932, 6119, 7138, 7439, 9050, 9318 9574, 9964, 10027, 10326, 10440, 10891, 11470-11501
$C_6H_{10}O_4$	Ethyl oxalate. B.p. 185.65 2245, 2432, 2667, 3623, 4251, 4515, 5107, 5196, 5267, 5933, 6120, 6689, 7274, 7732, 9005, 9051, 9319, 9437, 10327, 10373, 10441, 10579, 10656, 10893, 11145, 11283, 11408, 11502-11564, 16515-16518, 16530
$C_6H_{10}O_4$	Glycol diacetate. B.p. 186.3 516, 3624, 4252, 5934, 6690, 9052, 9320, 9438, 10028, 10657, 10892, 11284, 11565-11589, 16513
$C_6H_{10}O_4$	Methyl succinate. B.p. 195.5 2246, 2666, 4253, 6121, 10147, 10580, 10658, 10894, 11315, 11502, 11590-11629
$C_6H_{10}S$	Allyl sulfide. B.p. 139.35 1388, 1680, 1838, 2207, 2574, 3172, 3348, 3427, 3625, 4576, 4751, 4821, 4922, 5067, 5599, 5892, 6122, 6571, 6940, 7035, 7196, 7414, 7440, 7870, 8144, 8336, 8845, 9170, 9321, 9494, 9624, 9649, 9751, 9831, 9965, 10442, 10514, 11245, 11251, 11380, 11630-11642
$C_6H_{11}BrO_2$	Ethyl α -bromoisobutyrate. B.p. 178 2433, 7441, 9053, 11643-11646
$C_6H_{11}ClO_2$	Butyl chloroacetate. B.p. 181.9 517, 4254, 5935, 8145, 9832, 10659, 11647, 11654, 16140
$C_6H_{11}ClO_2$	Isobutyl chloroacetate. B.p. 174.4 518, 2434, 8337, 10443, 10660, 11655-11644, 16181
$C_6H_{11}N$	Capronitrile. B.p. 163.9 8429, 9171, 9833, 9966, 11665-11671
$C_6H_{11}N$	Diallylamine. B.p. 110.4 519
$C_6H_{11}NO$	Caprolactam. 520, 11146
$C_6H_{11}NO_2$	Nitrocyclohexane. B.p. 205.3 3626, 4577, 5936, 7733, 10029, 11147, 11672-11682
$C_6H_{11}NO_3$	2-Methyl-2-nitropropyl vinyl ether. 521, 8100
C_6H_{12}	Cyclohexane. B.p. 80.75 129, 158, 522, 1066, 1159, 1269, 1329, 1490, 1681, 1839, 1905, 2079, 2328, 2361, 2756, 2797, 2907, 3001, 3084, 3173, 3428, 3545, 3932, 4087, 4255, 4578, 4873, 5162, 5179, 5378, 5435, 5470, 5541, 5600, 5697, 5714, 5748, 5767, 5808, 5827, 5841, 5889, 6259, 6283, 6384, 6495, 6572, 6782, 6797, 6832, 6903, 6990, 7009, 7017, 7243, 7249, 7374, 7442, 7540, 7583, 7689, 7714, 7886, 7912, 7923, 7944, 7970, 7988, 8066, 8077, 8146, 8234, 8274, 8338, 8430, 8616, 8632, 8654, 8666, 8678, 8707, 8723, 8763, 8846, 9172, 9196, 1209, 9228, 9249, 9265, 9282, 9296, 9405, 9418, 9698, 9742, 9752, 9794, 9834, 9919, 9942, 9952, 10107, 10515, 10648, 10706, 10854, 11148, 11258, 11350, 11683-11699, 15914, 15958, 16002, 16045, 16050, 16072, 16092, 16102, 16113, 16159, 16173, 16182, 16199, 16221, 16249, 16258, 16259, 16261, 16318, 16327, 16329, 16333, 16337, 16338, 16348, 16396, 16398, 16401, 16438, 16441, 16444, 16446, 16448, 16449, 16466, 16472, 16480, 16484, 16488, 16506-16508, 16558, 16233b, 16255a, 16374b, 16443a, 16482b, 16484a, 16508a, 16565b, 16565c

Formula	Name and System No.
C_6H_{12}	2-Ethyl-1-butene. B.p. 64.95 4088, 5545
C_6H_{12}	2,3-Dimethyl-1-butene. B.p. 55.62 5542
C_6H_{12}	2,3-Dimethyl-2-butene. B.p. 73.38 5543
C_6H_{12}	3,3-Dimethyl-1-butene. B.p. 41.4 5544
C_6H_{12}	Hexene. B.p. 63.6 523, 1840, 2081, 3882, 4089, 4973, 5379, 5471, 5546, 6783, 7541, 8431, 11700, 15882, 15962, 16114, 16423, 16470, 16485, 1159a, 2079a, 2207a, 2328a 2574a, 2730a, 2742a, 4739a, 5748a, 6384a, 6495a, 7374a, 8234a, 8707a, 8713a, 10854a, 11355a, 11700a-11700d
C_6H_{12}	<i>cis</i> -2-Hexene. B.p. 68.8 4090, 5547, 16115
C_6H_{12}	<i>cis</i> -3-Hexene. B.p. 66.4 2080, 4091, 16116
C_6H_{12}	2-Methyl-1-pentene. 16117
C_6H_{12}	Methylcyclopentane. B.p. 72.0 1160, 1270, 1330, 1491, 1572, 1682, 1841, 1906, 2082, 2329, 2362, 2798, 2956, 3002, 3085, 3174, 3283, 3328, 3429, 3883, 3933, 4092, 4256, 4579, 5180, 5380, 5436, 5506, 5551, 5698, 5749, 5768, 6385, 6496, 6784, 6798, 6833, 6904, 7542, 7584, 7672, 7690, 7715, 7924, 7971, 7980, 8067, 8078, 8147, 8235, 8275, 8339, 8399, 8633, 8667, 8692, 8708, 8714, 1724, 9229, 9406, 9699, 9743, 9795, 9812, 9835, 9920, 10649, 10855, 11683, 11701- 11704, 16397, 16507, 16509
C_6H_{12}	2-Methyl-2-pentene. 16118
C_6H_{12}	<i>cis</i> -3-Methyl-2-pentene. B.p. 70.2 4093, 5548, 16119
C_6H_{12}	<i>trans</i> -3-Methyl-2-pentene. B.p. 67.6 4094
C_6H_{12}	4-Methyl-1-pentene. B.p. 54.0 5549
C_6H_{12}	4-Methyl-2-pentene. B.p. 56.7 524, 4095, 5550
C_6H_{12}	1,1,2-Trimethylcyclopropane. B.p. 52.6 5381
$C_6H_{12}Cl_2O$	Bis(chloroisopropyl) ether. B.p. 187.0 525, 5837
$C_6H_{12}Cl_2O_2$	1,2-Bis(2-chloroethoxy)ethane. B.p. 240.9 526
$C_6H_{12}O$	<i>trans</i> -2-Butenyl ethyl ether. B.p. 100.45 4098
$C_6H_{12}O$	<i>cis</i> -2-Butenyl ethyl ether. B.p. 100.3 4099
$C_6H_{12}O$	Butyl vinyl ether. B.p. 93.8 527, 2083, 4096, 8148, 16141
$C_6H_{12}O$	Cyclohexanol. B.p. 160.65 528, 1067, 1389, 1842, 2247, 2435, 2575, 3627, 4257, 4658, 4874, 4923, 4974, 5068, 5108, 5197, 5268, 5937, 6123, 6955, 7065, 7139, 7197, 7543, 7790, 8764, 8878, 9006, 9109, 9520, 9664, 9713, 9967, 10328, 10374, 10444, 10545, 10661, 10856, 10895, 11149, 11357, 11630, 11665, 11684, 11705-11773, 16233, 16453, 16455, 16456, 16459, 16501, 16502, 16512, 16519, 16531, 11704a, 16233c, 16481a

Formula	Name and System No.
$C_6H_{12}O$	2,2-Dimethyltetrahydrofuran. B.p. 90 529
$C_6H_{12}O$	2,5-Dimethyltetrahydrofuran. B.p. 90 530
$C_6H_{12}O$	2-Ethylbutyraldehyde. B.p. 116.7 531
$C_6H_{12}O$	Ethyl methallyl ether. B.p. 76.65 4100
$C_6H_{12}O$	Hexaldehyde. B.p. 128.3 532, 8149
$C_6H_{12}O$	2-Hexanone. B.p. 127 533, 2749, 3430, 5601, 6573, 7036, 7198, 8150, 8340, 9495, 9921, 11631, 11774-11776, 16093, 16118
$C_6H_{12}O$	3-Hexanone. B.p. 124 534, 1068, 2208, 3431, 4875, 4924, 5602, 5809, 6574, 8012, 8151, 8341, 8432, 8848, 9496, 9625, 11777-11791
$C_6H_{12}O$	Isobutyl vinyl ether. B.p. 83.0 535, 4097, 8342, 16003
$C_6H_{12}O$	2-Methylpentanal. B.p. 118.3 536, 6497, 16094
$C_6H_{12}O$	4-Methyl-2-pentanone. B.p. 115.9 537, 1272, 1331, 1492, 1843, 2084, 2209, 2851, 3175, 3432, 3884, 4101, 4876, 4925, 5382, 5603, 5810, 6386, 6575, 7871, 8152, 8343, 8433, 8849, 9626, 9836, 9943, 10857, 11381, 11632, 11685, 11792-11808, 16073, 16298, 16508
$C_6H_{12}O$	2-Methyl-2-pentene-4-ol. 538, 16234
$C_6H_{12}O$	3,3-Dimethyl-2-butanone (Pinacolone). B.p. 106 539, 1271, 1332, 1683, 1844, 3176, 3433, 4877, 6387, 6498, 7544, 7838, 7872, 8236, 8344, 8847, 9250, 9266, 9283, 9391, 9419, 9650, 9700, 10858, 11686, 11809-11817
$C_6H_{12}OS$	2-Ethylthioethyl vinyl ether. B.p. 169.7 540
$C_6H_{12}O_2$	Amyl formate. B.p. 132 541, 9753, 16215
$C_6H_{12}O_2$	Butyl acetate. B.p. 126.2 542, 1161, 1493, 2210, 2908, 3177, 3349, 3434, 3628, 3885, 4258, 4878, 4926, 4953, 5383, 5604, 5811, 6576, 7585, 8013, 8041, 8153, 8237, 8345, 8434, 8850, 8926, 8950, 9134, 9173, 9575, 9627, 9754, 9837, 9922, 9968, 10516, 10859, 10896, 11382, 11633, 11687, 11774, 11777, 11818-11837, 15940, 16125, 16142, 16235, 16236, 16262, 16482, 6655a, 11704a, 11826a, 16409a, 16481a, 16481b
$C_6H_{12}O_2$	<i>sec</i> -Butyl acetate. B.p. 112.4 543, 8238, 11818, 16160, 16235, 16237
$C_6H_{12}O_2$	4,4-Dimethyl-1,3-dioxane. B.p. 133.4 543a, 9198c, 9198f, 9198g, 11402a, 11896a, 16213c
$C_6H_{12}O_2$	Ethyl butyrate. B.p. 119.9 159, 544, 1845, 2211, 2743, 2909, 3178, 3886, 4259, 4822, 4879, 4927, 6499, 6577, 7586, 8014, 8042, 8154, 8346, 8435, 8851, 9135, 9576, 9628, 9755, 9838, 9923, 10517, 11634, 11778, 11792, 11897-11911, 16345, 16421
$C_6H_{12}O_2$	2-Ethylbutyric acid. B.p. 194.2 545

Formula	Name and System No.
$C_6H_{12}O_2$	Ethyl isobutyrate. B.p. 110.1 546, 1069, 1846, 2212, 2363, 2493, 2744, 2828, 3179, 3887, 4102, 4823, 4880, 5019, 5038, 5437, 5812, 5866, 6320, 6500, 6578, 7545, 7873, 8024, 8043, 8155, 8347, 9230, 9251, 9629, 9651, 9924, 10860, 11688, 11793, 11809, 11912-11921
$C_6H_{12}O_2$	2-Ethyl-2-methyl-1,3-dioxolane. B.p. 117.6 547
$C_6H_{12}O_2$	Caproic acid. B.p. 205.15 548, 2380, 2621, 2668, 3629, 5109, 5938, 10115, 10148, 10176, 10329, 10375, 10662, 10707, 11285, 11316, 11590, 11838-11896, 9957a, 11837a
$C_6H_{12}O_2$	4-Hydroxy-4-methyl-2-pentanone. B.p. 166 549, 11383, 11922, 11923
$C_6H_{12}O_2$	Isoamyl formate. B.p. 124.2 550, 2213, 2910, 3180, 3435, 3630, 4260, 4881, 4928, 5605, 5813, 5828, 6579, 6941, 7443, 8015, 8044, 8092, 8156, 8348, 8436, 8852, 8927, 8951, 9174, 9497, 9577, 9630, 9756, 9839, 11384, 11635, 11775, 11779, 11819, 11897, 11924-11929, 16225, 16347
$C_6H_{12}O_2$	Isobutyl acetate. B.p. 117.2 551, 1070, 1847, 2214, 2576, 3436, 3888, 4824, 4882, 5438, 5814, 5829, 6501, 6580, 6942, 7037, 7546, 8016, 8025, 8045, 8157, 8239, 8349, 8437, 8853, 9136, 9578, 9631, 9840, 9925, 11780, 11794, 11898, 11930-11940, 16183, 16482a
$C_6H_{12}O_2$	Isocaproic acid. B.p. 199.5 2436, 5110, 9054, 10330, 10376, 10663, 10897, 11317, 11409, 11503, 11591, 11941-1972
$C_6H_{12}O_2$	Isopropyl propionate. B.p. 110.3 552, 11795, 11810, 11820
$C_6H_{12}O_2$	4-Methyl-4-hydroxytetrahydropyran. B.p. 188 552a, 9438a, 11837a
$C_6H_{12}O_2$	Methyl isovalerate. B.p. 116.3 553, 1071, 1848, 2215, 2829, 2852, 3437, 4103, 4883, 5039, 6388, 6502, 6581, 7038, 8026, 8046, 8158, 8240, 8350, 8438, 8765, 8854, 9632, 9796, 9926, 11781, 11796, 11899, 11912, 11930, 11973-11980
$C_6H_{12}O_2$	2-Methylpentanoic acid. B.p. 196.4 554
$C_6H_{12}O_2$	Propyl propionate. B.p. 122.1 555, 2216, 2911, 3181, 3438, 3631, 4884, 4929, 5606, 6503, 6582, 8017, 8093, 8159, 8351, 8439, 8855, 9633, 9841, 11385, 11782, 11820, 11900, 11924, 11981-11983, 16094a
$C_6H_{12}O_2$	Tetrahydropyran-2-methanol. B.p. 187.2 557
$C_6H_{12}O_2$	4-Vinyloxy-1-butanol 556, 8404
$C_6H_{12}O_2S$	2,4-Dimethylsulfolane. 11984, 11985
$C_6H_{12}O_3$	2,2-Dimethoxy-3-butanone. B.p. 145 558
$C_6H_{12}O_3$	2-Ethoxyethyl acetate. B.p. 156.8 559, 1591, 2437, 2577, 3632, 4261, 4702, 5069, 5111, 5165, 5607, 5939, 6124, 6583, 6656, 7140, 7199, 7275, 7316, 7444, 7612, 7791, 8018, 8160, 8352, 8440, 8766, 8879, 9055, 9110, 9322, 9498, 9521, 9665, 9714, 9842, 9969, 10377, 10445, 10898, 11470, 11504, 11565, 11821, 11986-12038, 16238

Formula	Name and System No.
$C_6H_{12}O_3$	Ethyl α -hydroxyisobutyrate. B.p. 150 10899
$C_6H_{12}O_3$	Isopropyl lactate. B.p. 166.9 7141, 10900, 11705, 11986, 12039-12047
$C_6H_{12}O_3$	Methyl 3-ethoxypropionate. 560
$C_6H_{12}O_3$	Paraldehyde. B.p. 124 561, 2217, 2912, 3064, 3439, 4104, 4262, 4930, 6504, 6584, 7613, 8094, 8161, 8441, 8740, 9175, 9499, 9634, 9757, 9843, 9927, 9970, 10518, 11246, 11386 11706, 11822, 11901, 11925, 11931, 11973, 12048-12056, 15948, 16232, 16347
$C_6H_{12}O_3$	Propyl lactate. B.p. 171.7 2438, 3633, 5198, 5940, 7142, 7276, 8767, 9971, 10378, 10901, 11358, 11707, 12057-12093, 16428, 16429, 16532, 16533
$C_6H_{12}O_3$	Trioxane. B.p. 114.5 562
$C_6H_{12}O_3$	2(2-Vinylxyethoxy)ethanol. 563, 8524
$C_6H_{13}Br$	1-Bromohexane. B.p. 156.5 3182, 3440, 3634, 4263, 4516, 5199, 5608, 5941, 6125, 7066, 7143, 7200, 7277, 7317, 7445, 7614, 8162, 8353, 9057, 9323, 9439, 9579, 9715, 10902, 11505, 11708, 11987, 12094-12104
$C_6H_{13}Cl$	1-Chlorohexane. B.p. 134.5 564
$C_6H_{13}ClO_2$	Chloroacetal. B.p. 157.4 6126, 6956, 7067, 7615, 9522, 10446, 10546, 11359, 11709, 12057, 12105- 12127, 16503
$C_6H_{13}N$	Cyclohexylamine. B.p. 134.5 565, 11150, 11689, 11710, 16519, 16229a, 16233a, 16233b, 16233c
$C_6H_{13}N$	Hexamethylenimine. B.p. 138 566
$C_6H_{13}NO$	<i>N,N</i> -Dimethylbutyramide. 7446
$C_6H_{13}NO$	2,6-Dimethylmorpholine. B.p. 146.6 567
$C_6H_{13}NO$	4-Ethylmorpholine. B.p. 138.3 568
$C_6H_{13}NO_2$	4-Morpholinoethanol. B.p. 225.5 569
C_6H_{14}	2,2-Dimethylbutane. B.p. 49.7 1573, 2085, 3284, 4487, 4508, 5552, 6799, 6810, 9152, 16390, 1161a
C_6H_{14}	2,3-Dimethylbutane. B.p. 58.0 1273, 1494, 1574, 1684, 1849, 1907, 2086, 2799, 2957, 3183, 3285, 3295, 3329, 3517, 4105, 4264, 4507, 4807, 5384, 5439, 5507, 5553, 5750, 5769, 6248, 6302, 6389, 6505, 6646, 6785, 6800, 6811, 6834, 6844, 7375, 7587, 7716, 7972, 7981, 8241, 8276, 8300, 8693, 8715, 9153, 9797, 9813, 9844, 11349
C_6H_{14}	Hexane. B.p. 68.95 130, 570, 1162, 1274, 1333, 1495, 1575, 1685, 1747, 1850, 1908, 2087, 2330, 2364, 2577a, 2730b, 2744a, 2800 2913, 2958, 3003, 3184, 3286, 3296, 3330, 3364, 3441, 3518, 3546, 3889, 3934, 4106, 4265, 4580, 4691, 4740, 4975, 5040, 5181, 5385, 5440, 5472, 5508, 5554, 5609, 5699, 5716, 5151, 5770, 5787, 6249, 6260, 6284, 6303, 6390, 6506, 6647, 6786, 6801, 6812, 6835, 6838, 6905, 6997, 7376, 7396, 7407, 7547, 7588, 7673, 7691,

Formula	Name and System No.
C_6H_{14}	Hexane (<i>continued</i>) 7717, 7925, 7945, 7956, 7973, 7982, 8068, 8079, 8163, 8242, 8277, 8301, 8354, 8400, 8442, 8679, 8694, 8716, 8725, 9188, 9198d, 9210, 9231, 9267, 9284 9297, 9407, 9420, 9701, 9758, 9798, 9814, 9845, 9908, 9928, 9944, 9953, 10104, 10108, 10519, 10650, 10708, 10861, 11151, 11351, 11356, 11690, 11700, 11701, 11811, 12128-12134, 15883, 15915, 15963, 16004, 16046, 16051, 16074, 16095, 16120, 16126, 16143, 16161, 16174, 16184, 16290-16294, 16297, 16328, 16330, 16365, 16366, 16399, 16403, 16423, 16432, 16434, 16463, 16470, 16485, 16509, 16559, 2217a, 8708a, 11355b, 12127a, 16338a, 16508a
C_6H_{14}	2-Methylpentane. B.p. 60.4 150, 2088, 4107, 5555, 6802, 6813, 6836, 8695, 16121, 1162a
C_6H_{14}	3-Methylpentane. B.p. 63.3 149, 2089, 5556, 6803, 6814, 6837, 8696, 16122, 1162b
$C_6H_{14}N_2$	2,5-Dimethylpiperazine. B.p. 164 571, 8443, 9759
$C_6H_{14}N_2O$	4-(2-Aminoethyl)morpholine. B.p. 204.7 572
$C_6H_{14}N_2O$	1-Piperazineethanol. B.p. 246.3 573
$C_6H_{14}O$	Amyl methyl ether. B.p. 100 34
$C_6H_{14}O$	<i>tert</i> -Amyl methyl ether. B.p. 86 574, 2090, 8243, 9929
$C_6H_{14}O$	Butyl ethyl ether. B.p. 92.2 575, 2091, 4109, 16005, 16075, 1495a
$C_6H_{14}O$	<i>tert</i> -Butyl ethyl ether. B.p. 73 576, 4108, 8244, 9930, 16076, 16162
$C_6H_{14}O$	2-Ethyl-1-butanol. B.p. 148.9 577, 12135-12138
$C_6H_{14}O$	Ethyl isobutyl ether. B.p. 79 8355, 16006
$C_6H_{14}O$	Hexyl alcohol. B.p. 157.85 578, 1072, 1390, 1851, 2439, 2578, 2914, 3635, 4266, 4885, 4931, 4976, 5070, 5200, 5269, 5385a, 5942, 6127, 6957, 6978, 7068, 7144, 7201, 7278, 7792, 8019, 8302, 8738, 8768, 8880, 9111, 9523, 9580, 9666, 9716, 9972, 10331, 10379, 10447, 10520, 10664, 10709, 10862, 10903, 11152, 11360, 11471, 11636, 11666, 11711, 11988, 12039, 12048, 12058, 12094, 12105, 12139-12194, 16230, 12127a
$C_6H_{14}O$	Isopropyl ether. B.p. 69 35, 120, 151, 579, 1163, 1496, 2331, 2512, 2520, 2959, 3004, 3065, 3185, 3442, 3547, 4110, 5041, 5182, 5386, 5441, 5771, 6391, 6804, 6906, 7018, 7548, 7926, 7946, 7974, 8405, 8655 8717, 8932, 9198, 9954, 10863, 11702, 12128, 12139, 12195, 12196, 15941, 15959, 16007, 16038, 16077, 16163, 16194, 16213, 16239, 16299, 16440, 16445, 2091a, 8277a, 11402b, 16213b
$C_6H_{14}O$	Isopropyl propyl ether. B.p. 66 16008
$C_6H_{14}O$	2-Methyl-1-pentanol. B.p. 148 580
$C_6H_{14}O$	4-Methyl-2-pentanol. B.p. 131.8 581, 10864, 11691, 12197

Formula	Name and System No.
$C_6H_{14}O$	Propyl ether. B.p. 90.7 121, 582, 1164, 1334, 1530, 2092, 2332, 3005, 3017, 3186, 3443, 3935, 4111, 5042, 5387, 5442, 5610, 5700, 5890, 6392, 6507, 6585, 7039, 7252, 7377, 7589, 7692, 7718, 7839, 7874, 7947, 7989, 8069, 8164, 8245, 8278, 8356, 8656, 8856, 9129, 9137, 9232, 9252, 9268, 9298, 9392, 9408, 9421, 9652, 9690, 9702, 9799, 9945, 10865, 11352, 11692, 12198-12203, 16096, 151a, 1496a
$C_6H_{14}OS$	2-Butylthioethanol. 12204
$C_6H_{14}O_2$	Acetaldehyde diethyl acetal. B.p. 103.6 583, 1073, 1165, 1335, 1531, 1852, 2093, 2333, 2830, 2853, 3187, 3936, 4112, 4267, 5020, 5388, 5701, 5867, 6321, 6393, 6508, 7378, 7719, 7840, 7913, 8165, 8357, 8657, 9233, 9253, 9269, 9285, 9299, 9393, 9409, 9422, 9653, 9703, 10866, 11353, 11693, 11812, 11913, 11932, 11974, 12205- 12212, 16009
$C_6H_{14}O_2$	2-Butoxyethanol. B.p. 171.2 584, 1391, 1592, 2218, 2440, 2579, 2915, 3350, 3444, 3636, 4268, 4581, 5112, 5201, 5270, 5943, 6128, 6979, 7069, 7145, 7279, 7590, 7734, 7793, 8166, 8769, 8881, 9524, 9667, 9717, 10149, 10332, 10380, 10448, 10521, 10665, 10710, 10904, 11153, 11286, 11472, 11506, 11566, 11667, 11712, 11823, 11989, 12059, 12095, 12140, 12213-12282, 16534
$C_6H_{14}O_2$	1,2-Diethoxyethane. B.p. 123 585, 4113, 8444, 12195
$C_6H_{14}O_2$	Butyraldehyde dimethyl acetal. B.p. 114 2094, 7397
$C_6H_{14}O_2$	2,2-Dimethoxybutane. B.p. 106 2095
$C_6H_{14}O_2$	1,3-Dimethoxybutane. B.p. 120.5 586
$C_6H_{14}O_2$	Isobutyraldehyde dimethyl acetal. B.p. 104.7 587
$C_6H_{14}O_2$	Ethoxypropoxymethane. B.p. 113.7 588, 4114, 6322, 6509, 9270, 9423, 11914, 16010, 16097
$C_6H_{14}O_2$	Hexylene glycol. 12289, 12284, 16535
$C_6H_{14}O_2$	2-Methyl-1,5-pentanediol. B.p. 242.4 589
$C_6H_{14}O_2$	3-Methyl-1,5-pentanediol. B.p. 248.4 590
$C_6H_{14}O_2$	Pinacol. B.p. 174.35 591, 2441, 3637, 4269, 5202, 5944, 6129, 6958, 7070, 9668, 9973, 10381, 10449, 10522, 10711, 10790, 10905, 11154, 11473, 12060, 12106, 12285- 12317
$C_6H_{14}O_3$	Bis(2-methoxyethyl)ether. B.p. 162 592
$C_6H_{14}O_3$	Dipropylene glycol. B.p. 229.2 5136, 6657, 10246, 10291, 10791, 11025, 12318-12342
$C_6H_{14}O_3$	2(2-Ethoxyethoxy)ethanol. B.p. 201.9 593, 4270, 6130, 8445, 8525, 10906, 11155, 12343-12364
$C_6H_{14}O_3$	3-Methyl-1,3,5-pentanetriol. B.p. 295 593a, 11837b
$C_6H_{14}O_4$	Triethylene glycol. B.p. 288.7 594, 6691, 8526, 10272, 12365-12393

Formula	Name and System No.
$C_6H_{14}S$	Isopropyl sulfide. B.p. 120.5 1074, 1539, 1686, 1853, 2096, 2750, 3018, 3188, 3351, 3445, 3890, 4115, 4826, 4886, 6131, 6394, 6872, 6943, 7040, 7318, 7841, 7875, 8167, 8358, 8857, 9234, 9424, 9635, 11783, 11797, 11902, 11915, 11933, 12205, 12394-12397
$C_6H_{14}S$	Propyl sulfide. B.p. 141.5 1392, 1687, 1854, 2580, 3189, 3446, 4582, 4932, 5611, 5945, 6944, 6959, 7146, 7202, 7319, 7447, 7794, 8095, 8168, 8359, 8446, 8770, 8952, 9138, 9324, 9440, 9846, 9931, 10450, 10523, 11247, 11361, 11824, 12398- 12402
$C_6H_{15}B$	Triethylborane. 40
$C_6H_{15}BO_3$	Ethyl borate. B.p. 118.6 2219, 4116, 4827, 7549, 8047, 8169, 8360, 9636, 9847, 11784, 11903, 11934, 12049, 12403-12406
$C_6H_{15}N$	Diisopropylamine. B.p. 83.86 595, 6395, 11700a, 12128a
$C_6H_{15}N$	3,3-Dimethyl-1-butylamine. B.p. 112.8 597
$C_6H_{15}N$	1,3-Dimethylbutylamine. B.p. 108.5 596
$C_6H_{15}N$	Dipropylamine. B.p. 109.2 598, 7001, 7379, 9235, 11785, 11798, 11813, 12198, 12206, 12407-12411, 11700b, 12128b
$C_6H_{15}N$	Ethylbutylamine. B.p. 111.2 599
$C_6H_{15}N$	Ethyl- <i>sec</i> -butylamine. 599a
$C_6H_{15}N$	Hexylamine. B.p. 132.7 600, 6396, 11700c, 12128c
$C_6H_{15}N$	Isohexylamine. B.p. 123.5 12412-12414
$C_6H_{15}N$	Triethylamine. B.p. 89.4 601, 1275, 1497, 2097, 3190, 4117, 5154, 5389, 7380, 8303, 9197, 9815, 9955, 10867, 10907, 11700d, 11703, 12129, 12199, 12207, 12415, 12416, 15942, 16011, 16239, 16352, 16556, 2800a
$C_6H_{15}NO$	2-Butylaminoethanol. B.p. 199.31 602
$C_6H_{15}NO$	2-Diethylaminoethanol. B.p. 162 603, 1855, 3638, 8447, 8718, 9974, 10868, 11156, 11672, 12213, 12417- 12428
$C_6H_{15}NO$	3-Isopropoxypropylamine. B.p. 147 605
$C_6H_{15}NO$	1-Isopropylamino-2-propanol. B.p. 164.5 604
$C_6H_{15}NO_2$	1,1'-Iminodi-2-propanol. 6854, 12429
$C_6H_{15}NO_3$	2,2',2''-Nitrilotriethanol. 8731
$C_6H_{15}N_3$	4(2-Aminoethyl)piperazine. B.p. 222.0 606
$C_6H_{15}O_3P$	Dipropyl phosphate. 7254

Formula	Name and System No.
$C_6H_{16}N_2$	<i>N,N</i> -Diethylethylenediamine. B.p. 144.9 607
$C_6H_{16}N_2$	<i>N,N,N',N'</i> -Tetramethylethylenediamine. B.p. 120 608
$C_6H_{16}OSi$	Ethoxymethyltrimethylsilane. B.p. 102 4118
$C_6H_{16}OSi$	Trimethylpropoxysilane. B.p. 100.3 6510
$C_6H_{16}O_2Si$	Diethoxydimethylsilane. B.p. 114 4119
$C_5H_{18}OSi$	Hexamethyldisiloxane. B.p. 100 6511, 6860
C_7F_{14}	Perfluoromethylcyclohexane. B.p. 73 10869
C_7F_{16}	Perfluoroheptane. B.p. 81.6 3948, 6328, 7381, 8101, 9744, 10870, 12130, 12430-12433
$C_7H_5Cl_3$	α,α,α -Trichlorotoluene. B.p. 220.9 3639, 4271, 5946, 10177, 10247, 10581, 10712, 12434-12459
$C_7H_5F_3$	α,α,α -Trifluorotoluene. B.p. 103.9 62
C_7H_5N	Benzonitrile. B.p. 191.3 4272, 5113, 6132, 10030, 10150, 10382, 10666, 10908, 11157, 11507, 11592, 12214, 12460-12490
C_7H_5NO	Phenylisocyanate. B.p. 162.8 12491, 12492
$C_7H_6Cl_2$	α,α -Dichlorotoluene. B.p. 205.2 2669, 3640, 4273, 7448, 7616, 9325, 10582, 10713, 10909, 11026, 11410, 11593, 11838, 12493-12522
C_7H_6O	Benzaldehyde. B.p. 179.2 2248, 2442, 2670, 3641, 4274, 4682, 5114, 5203, 5612, 5947, 6918, 7280, 7449, 7617, 8882, 9007, 9326, 9441, 9975, 10333, 10383, 10667, 10714, 10910, 11158, 11411, 11508, 11643, 11673, 11713, 11941, 11990, 12061, 12061, 12141, 12215, 12523-12579, 16495, 16496, 16536, 16537
$C_7H_6O_2$	Benzoic acid. B.p. 250.5 3642, 4769, 5390, 5948, 10116, 10178, 10273, 10292, 11027, 12493, 12580-12624
$C_7H_6O_2$	Salicylaldehyde. B.p. 196.7 9442, 11942
C_7H_7Br	α -Bromotoluene. B.p. 198.5 2671, 4760, 7450, 7618, 9057, 9327, 9443, 10547, 10911, 11159, 11287, 11318, 11412, 11594, 11839, 11943, 12625-12647
C_7H_7Br	<i>m</i> -Bromotoluene. B.p. 184.5 2622, 2672, 3447, 3643, 4275, 4517, 4583, 5204, 5271, 5613, 5950, 6133, 7071, 7451, 7735, 9058, 9328, 9444, 10668, 10912, 11160, 11288, 11413, 11474, 11509, 11595, 11714, 11944, 12460, 12523, 12648-12666
C_7H_7Br	<i>o</i> -Bromotoluene. B.p. 181.45 2381, 2525, 2623, 2673, 3448, 3644, 4276, 4518, 4584, 5137, 5205, 5272, 5614, 5949, 6134, 7072, 7231, 7281, 7452, 7619, 8771, 8953, 9059, 9329, 9445, 10548, 10715, 10913, 11161, 11289, 11414, 11475, 11510, 11567, 11596, 11647, 11715, 11840, 11945, 12062, 12142, 12216, 12461, 12524, 12667-12704, 16350, 16504, 16514, 16515, 16520, 16521, 16527, 16530

Formula	Name and System No.
C ₇ H ₇ Br	<i>p</i> -Bromotoluene. B.p. 185 2249, 2674, 3449, 3645, 4277, 4519, 5206, 5273, 5951, 6135, 7073, 7435, 9060, 9330, 9446, 10483, 10549, 10914, 11162, 11415, 11511, 11568, 11597, 11716, 11841, 11946, 12462, 12525, 12705-12731, 16516
C ₇ H ₇ BrO	<i>o</i> -Bromoanisole. B.p. 217.7 3646, 5952, 8527, 10179, 10583, 10792, 11028, 11842, 12318, 12732- 12739
C ₇ H ₇ BrO	<i>p</i> -Bromoanisole. B.p. 217.7 12740-12742
C ₇ H ₇ Cl	α -Chlorotoluene. B.p. 179.3 2382, 2675, 3191, 3647, 4278, 4520, 5207, 5274, 5615, 5844, 7074, 7454, 7620, 8772, 8941, 9008, 9061, 9331, 9447, 10550, 10716, 10915, 11163, 11290, 11416, 11476, 11512, 11644, 11717, 11843, 11947, 12063, 12143, 12526, 12667, 12743-12781, 16351, 16428, 16430, 16495, 16497-16499, 16528, 16532, 16536-16541, 9847a
C ₇ H ₇ Cl	<i>m</i> -Chlorotoluene. B.p. 162.3 11844
C ₇ H ₇ Cl	<i>o</i> -Chlorotoluene. B.p. 159.2 1593, 1688, 2383, 2443, 2676, 3192, 3450, 3553, 3648, 4279, 4585, 4703, 4977, 5208, 5275, 5616, 5953, 6136, 6945, 7075, 7147, 7203, 7455, 7621, 8448, 8773, 8954, 9009, 9062, 9112, 9332, 9448, 9525, 9581, 9718, 9848, 9976, 10451, 10916, 11164, 11362, 11417, 11513, 11718, 11845, 11948, 11991, 12064, 12144, 12217, 12285, 12527, 12782-12804
C ₇ H ₇ Cl	<i>p</i> -Chlorotoluene. B.p. 163.5 609, 1689, 2444, 2677, 3193, 3451, 3649, 4280, 4521, 4586, 4704, 5115, 5209, 5617, 6137, 7076, 7148, 7232, 7282, 7456, 7622, 7736, 8449, 8774, 8955, 9010, 9063, 9113, 9333, 9449, 9526, 9719, 9849, 9977, 10917, 11136, 1165, 11363, 11418, 11477, 11514, 11655, 11719, 11846, 11949, 11992, 12065, 12145, 12218, 12286, 12463, 12528, 12805-12834
C ₇ H ₇ ClO	<i>m</i> -Chloroanisole. B.p. 193.3 6138, 6875, 8775, 12835, 12836
C ₇ H ₇ ClO	<i>o</i> -Chloroanisole. B.p. 195.7 3650, 5954, 6139, 7334, 10551, 10918, 12219, 12529, 12837
C ₇ H ₇ ClO	<i>p</i> -Chloroanisole. B.p. 197.8 3651, 5955, 6876, 10484, 10793, 12838-12845
C ₇ H ₇ F	<i>o</i> -Fluorotoluene. B.p. 114 9780, 9851
C ₇ H ₇ I	<i>p</i> -Iodotoluene. B.p. 214.5 2384, 2624, 2678, 3652, 4281, 5138, 5956, 6140, 9450, 10584, 10717, 10794, 10919, 11029, 11847, 12732, 12846-12876
C ₇ H ₇ NO ₂	<i>m</i> -Nitrotoluene. B.p. 230.8 3653, 4282, 5957, 6141, 6692, 8528, 8977, 10180, 10248, 10585, 11030, 11262, 12434, 12580, 12877-12919
C ₇ H ₇ NO ₂	<i>o</i> -Nitrotoluene. B.p. 221.75 3654, 4283, 4587, 4770, 5958, 6142, 6693, 6914, 8529, 8978, 10031, 10117, 10181, 10586, 10795, 11031, 11166, 11848, 12319, 12435, 12494, 12581, 12846, 12920-12979
C ₇ H ₇ NO ₂	<i>p</i> -Nitrotoluene. B.p. 238.9 3655, 4284, 5959, 6143, 6694, 8530, 8979, 10182, 10249, 10274, 10293, 11032, 11093, 11263, 11849, 12320, 12436, 12582, 12980-13018
C ₇ H ₈	Toluene. B.p. 110.7 160, 610, 1075, 1166, 1276, 1393, 1498, 1532, 1540, 1690, 1856, 2098, 2220, 2365, 2581, 2801, 2854, 2916, 3006, 3019, 3031, 3066, 3194, 3452, 3554, 3656, 3891, 3937, 4120, 4285, 4532, 4641, 4705, 4828, 4887, 4933,

Formula	Name and System No.
C_7H_8	Toluene (<i>continued</i>) 5021, 5043, 5210, 5276, 5391, 5443, 5479, 5618, 5702, 5815, 5868, 5960, 6144, 6261, 6285, 6323, 6397, 6512, 6586, 6658, 6695, 6855, 6859, 6885, 6946, 6991, 7077, 7244, 7382, 7398, 7404, 7457, 7550, 7556, 7591, 7623, 7720, 7795, 7842, 7876, 8020, 8027, 8048, 8096, 8170, 8246, 8279, 8304, 8361, 8450, 8512, 8531, 8617, 8776, 8858, 8928, 8942, 9139, 9176, 9211, 9236, 9254, 9271, 9286, 9300, 9334, 9394, 9410, 9425, 9500, 9527, 9582, 9637, 9643, 9691, 9704, 9760, 9781, 9800, 9852, 9903, 9909, 9932, 9946, 9978, 10452, 10524, 10718, 10871, 10920, 11167, 11252, 11255, 11387, 11694, 11704, 11720, 11786, 11799, 11814, 11825, 11904, 11916, 11926, 11935, 11975, 11981, 11993, 12050, 12131, 12146, 12200, 12208, 12287, 12394, 12403, 12407, 12412, 12417, 13019-13047, 15916, 15943, 15951, 15960, 16012, 16047, 16079, 16098, 16103, 16108, 16185, 16191, 16222, 16238, 16240-16242, 16251, 16300, 16362, 16406, 16408, 16409, 16420, 16422, 16439, 16443, 16467, 16469, 16471, 16475, 16479, 16489, 16490, 16493, 16523, 16534, 16542-16544, 21817c, 5893a, 16163a, 16337a, 16338b, 16433b, 16438a, 16481b, 16482a, 16565a, 16565b
$C_7H_8Cl_2Si$	Methylphenyldichlorosilane. B.p. 203.6 10645, 13048
C_7H_8O	Anisole. B.p. 153.8 611, 1394, 2445, 2582, 3032, 3195, 3453, 3657, 4286, 4588, 4659, 4679, 4706, 4978, 5071, 5211, 5619, 5816, 6145, 6587, 6960, 7041, 7078, 7149, 7204, 7320, 7458, 7624, 7796, 8171, 8451, 8777, 8883, 8956, 9011, 9064, 9114, 9335, 9451, 9528, 9583, 9669, 9720, 9853, 9979, 10453, 10921, 11168, 11364, 11419, 11478, 11515, 11721, 11994, 12066, 12107, 12147, 12220, 12288, 12418, 12530, 12782, 12805, 13049-13076, 16460, 16474, 16526, 16531, 2098a
C_7H_8O	Benzyl alcohol. B.p. 205.2 612, 2250, 3658, 4287, 5116, 5277, 5845, 5961, 6146, 7335, 7737, 8532, 10032, 10118, 10151, 10183, 10294, 10334, 10384, 10587, 10669, 10719, 10796, 10922, 11169, 11319, 12321, 12437, 12464, 12495, 12648, 12668, 12705, 12743, 12847, 12877, 12920, 12980, 13019, 13077-13145, 16240, 16505, 16524, 16538
C_7H_8O	<i>m</i> -Cresol. B.p. 202.2 2251, 2385, 2526, 2679, 3659, 4288, 4522, 5962, 6147, 6877, 7738, 8533, 9584, 10119, 10184, 10275, 10335, 10720, 10797, 10923, 11170, 11291, 11320, 11403, 11516, 11569, 11850, 11995, 12067, 12221, 12289, 12343, 12465, 12496, 12531, 12669, 12706, 12733, 12848, 12921, 13077, 13146-13215, 13302-13306, 16548
C_7H_8O	<i>o</i> -Cresol. B.p. 191.1 1395, 2252, 2386, 2446, 2527, 2680, 3660, 4289, 4589, 4716, 4979, 5117, 5212, 5278, 5963, 6148, 6696, 7739, 7797, 9065, 9336, 9452, 9529, 9585, 9980, 10033, 10120, 10152, 10185, 10336, 10385, 10454, 10485, 10552, 10670, 10721, 10798, 10924, 11171, 11292, 11321, 11420, 11479, 11517, 11598, 11722, 11950, 11996, 12040, 12068, 12096, 12148, 12222, 12290, 12344, 12419, 12466, 12497, 12532, 12625, 12649, 12670, 12707, 12744, 12783, 12806, 12837, 12849, 13078, 13146, 13216-13301, 16416, 16545-16547
C_7H_8O	<i>p</i> -Cresol. B.p. 201.7 2253, 2387, 2625, 2681, 3661, 4290, 4590, 4771, 5964, 6149, 6659, 6697, 6878, 7740, 8534, 9066, 9453, 9586, 10034, 10121, 10153, 10186, 10337, 10386, 10486, 10588, 10671, 10722, 10799, 10925, 11172, 11293, 11322, 11404, 11518, 11571, 11599, 11852, 11951, 11997, 12041, 12069, 12223, 12291, 12322, 12345, 12467, 12498, 12533, 12626, 12671, 12708, 12850, 13020, 13079, 13147, 13216, 13307-13396

Formula	Name and System No.
$C_7H_8O_2$	Guaiacol. B.p. 205.0 613, 2388, 2528, 2626, 3662, 4291, 4761, 5965, 6698, 6879, 7741, 10035, 10187, 10590, 10723, 11173, 11323, 11853, 11952, 12438, 13080, 13148, 13307, 13397-13436
$C_7H_8O_2$	<i>m</i> -Methoxyphenol. B.p. 243 614, 3663, 4292, 5966, 6660, 10188, 10589, 11033, 11264, 12583, 13437- 13453
C_7H_8S	α -Toluenethiol. B.p. 194.8 13454
$C_7H_9ClO_4$	2-Chloroallylidene diacetate. B.p. 212.2 615
C_7H_9N	Benzylamine. B.p. 185.0 9981, 10036, 10724, 10926, 11174, 12224, 13149, 13217, 13308, 13455- 13462
C_7H_9N	2,4-Lutidine. B.p. 159.0 10926a, 13462a, 13462b, 16514a
C_7H_9N	2,6-Lutidine. B.p. 144 616, 1691, 3196, 4293, 5620, 9782, 9854, 10553, 10927, 11253, 13021, 13463-13467, 16379-16381, 16413
C_7H_9N	Methylaniline. B.p. 196.25 3664, 4294, 4591, 5967, 6661, 9982, 10037, 10122, 10338, 10387, 10672, 10725, 10928, 11175, 11519, 11674, 12225, 12420, 12468, 12499, 12627, 12650, 12922, 13081, 13150, 13218, 13309, 13397, 13468-13495
C_7H_9N	Tetrahydrobenzoxonitrile. B.p. 195.1 619
C_7H_9N	<i>m</i> -Toluidine. B.p. 203.1 3665, 4295, 5968, 10123, 10189, 10673, 10726, 10929, 11675, 12672, 12851, 13082, 13151, 13219, 13310, 13398, 13496-13513
C_7H_9N	<i>o</i> -Toluidine. B.p. 200.35 617, 3666, 4296, 4592, 5969, 10154, 10190, 10674, 10727, 10930, 11676, 12439, 12469, 12500, 12651, 12673, 12709, 12852, 12923, 13083, 13152, 13220, 13311, 13399, 13468, 13514-13542
C_7H_9N	<i>p</i> -Toluidine. B.p. 200.55 618, 3667, 4297, 5970, 10124, 10155, 10191, 10675, 10728, 10931, 12501, 12628, 12674, 12710, 12853, 12924, 13084, 13153, 13221, 13312, 13400, 13543-13553
C_7H_9NO	<i>o</i> -Anisidine. B.p. 219.0 4298, 10192, 10250, 10729, 10800, 12854, 12878, 13085, 13222, 13313, 13554-13566
C_7H_{10}	Methylcyclohexadiene. 16200
$C_7H_{10}O$	1,2,3,6-Tetrahydrobenzaldehyde. B.p. 164.2 620
$C_7H_{10}O_4$	Allylidene diacetate. 621
$C_7H_{11}NO$	α -Hydroxycyclohexanenitrile. 8739
C_7H_{12}	2,4-Dimethyl-1,3-pentadiene. 622
C_7H_{12}	1,3-Heptadiene. 4121
C_7H_{12}	2,4-Heptadiene. 4122

Formula	Name and System No.
C ₇ H ₁₂	1-Heptyne. B.p. 99.5 4123, 16013, 13566a, 13566b
C ₇ H ₁₂	5-Methyl-1-hexyne. B.p. 90.8 4124
C ₇ H ₁₂ Cl ₄	Tetrachloroheptane. 8918
C ₇ H ₁₂ O	3-Heptene-2-one. B.p. 162.9 623, 11388
C ₇ H ₁₂ O	Methylcyclohexanone. B.p. 165.0 3197
C ₇ H ₁₂ O ₂	Butyl acrylate. B.p. 147 624, 8172, 16144
C ₇ H ₁₂ O ₂	Cyclohexyl formate. 11723
C ₇ H ₁₂ O ₂	2-Ethoxy-3,4-dihydro-1,2-pyran. B.p. 142.9 625
C ₇ H ₁₂ O ₂	4-Methyl-4-vinyl-1,3-dioxane. B.p. 151 625a, 11896a
C ₇ H ₁₂ O ₄	Ethyl malonate. B.p. 198.9 65, 2254, 4299, 6150, 8535, 10125, 10156, 10676, 10730, 10932, 11294, 11324, 11600, 11854, 11953, 12470, 12502, 12629, 12711, 12855, 13223, 13314, 13401, 13514, 13567-13601
C ₇ H ₁₂ O ₄	Pimelic acid. 626
C ₇ H ₁₃ ClO ₂	Isoamyl chloroacetate. B.p. 195.2 627, 2683, 3668, 4300, 7742, 9337, 9454, 9855, 10038, 11520, 11855, 12226, 13086, 13602-13609, 16226
C ₇ H ₁₄	1,1-Dimethylcyclopentane. B.p. 87.84 4125, 8634, 8659, 8680, 8700, 16201
C ₇ H ₁₄	<i>cis</i> -1,2-Dimethylcyclopentane. B.p. 99.53 4126, 8618, 8681, 16202
C ₇ H ₁₄	<i>trans</i> -1,2-Dimethylcyclopentane. B.p. 91.87 4127
C ₇ H ₁₄	<i>cis</i> -1,3-Dimethylcyclopentane. B.p. 91.72 4128, 16203
C ₇ H ₁₄	<i>trans</i> -1,3-Dimethylcyclopentane. B.p. 90.77 2099, 4129, 6907, 8620, 8635, 8658, 8668, 8682, 8699
C ₇ H ₁₄	2,3-Dimethyl-1-pentene. B.p. 84.2 4130
C ₇ H ₁₄	Ethylcyclopentane. B.p. 103.45 4131, 8619, 8683, 8899, 13022
C ₇ H ₁₄	1-Heptene. B.p. 93.64 629, 1857, 8173, 15884, 16543, 4740a, 13566a
C ₇ H ₁₄	<i>trans</i> -2-Heptene. B.p. 98.0 6588
C ₇ H ₁₄	3-Heptene. B.p. 94.8 13023, 13610, 16543
C ₇ H ₁₄	Methylcyclohexane. B.p. 101.65 161, 628, 1076, 1277, 1336, 1499, 1533, 1692, 1853, 2100, 2334, 2366, 2745, 2802, 2831, 3007, 3198, 3454, 3669, 3892, 3938, 4132, 4301, 4533, 4593, 4829, 4888, 4934, 5022, 5044, 5213, 5279, 5392, 5444, 5621, 5703, 5869, 5891, 6262, 6287, 6324, 6398, 6513, 6589, 6992, 7019, 7245, 7250, 7383, 7459, 7551, 7592, 7693, 7721, 7877, 7914, 7990, 8070, 8174, 8247, 8280, 8362, 8452, 8621, 8660, 8684, 8698, 8778, 8859, 9212, 9237,

Formula	Name and System No.
C_7H_{14}	Methylcyclohexane (<i>continued</i>) 9255, 9287, 9301, 9395, 9411, 9426, 9530, 9654, 9692, 9705, 9745, 9761, 9801, 9856, 9910, 9933, 9947, 9956, 10525, 10872, 11176, 11354, 11389, 11695, 11724, 11800, 11815, 11905, 11917, 11976, 12132, 12149, 12201, 12209, 12292, 12395, 12404, 12415, 13024, 13611-13615, 16014, 16052, 16164, 16204, 16313, 16404, 16426, 16439, 16489, 16491, 16522, 16542, 16560, 1166a, 16338a, 16338b
C_7H_{14}	1,1,2,2-Tetramethylcyclopropane. B.p. 75.9 4133
$C_7H_{14}O$	Butyl isopropenyl ether. B.p. 114.8 630
$C_7H_{14}O$	2,4-Dimethyl-3-pentanone. B.p. 124 4954, 9783, 9857
$C_7H_{14}O$	Heptaldehyde. B.p. 155 2447, 2583, 4680, 4980
$C_7H_{14}O$	2-Heptanone. B.p. 149 631, 3199, 4681, 4948, 11998
$C_7H_{14}O$	3-Heptanone. B.p. 147.6 632
$C_7H_{14}O$	4-Heptanone. B.p. 143 633, 1396, 2584, 2917, 3352, 3455, 3670, 4594, 4752, 4935, 5072, 7205, 7321, 7625, 7798, 9670, 9762, 9858, 9983, 10526, 11637, 12108, 13049, 13616-13628
$C_7H_{14}O$	Isoamyl vinyl ether. B.p. 112.6 9859
$C_7H_{14}O$	2-Methylcyclohexanol. B.p. 168.5 634, 1077, 3671, 4889, 5280, 6151, 6919, 7079, 7150, 7206, 7283, 8779, 8884, 9531, 9671, 9721, 10388, 10801, 10933, 11177, 11365, 11480, 11521, 11999, 12042, 12070, 12227, 12745, 12784, 12807, 13025, 13050, 13224, 13315, 13629-13656
$C_7H_{14}O$	3-Methylcyclohexanol. B.p. 168.5 1397, 13657
$C_7H_{14}O$	5-Methyl-2-hexanone. B.p. 144.2 635, 3456, 3672, 5073, 7460, 7626, 8453, 8957, 9532, 9587, 9860, 9984, 12000, 12150, 12398, 13658-13667
$C_7H_{14}O_2$	Amyl acetate. B.p. 148.8 636, 637, 1398, 2448, 2585, 3200, 3457, 3673, 4302, 4949, 5074, 6152, 8454, 9588, 9673, 9763, 13668-13674, 16216
$C_7H_{14}O_2$	<i>sec</i> -Amyl acetate. B.p. 133.5 638
$C_7H_{14}O_2$	Butyl propionate. B.p. 146.8 639, 1594, 2586, 3353, 3674, 4303, 5075, 7207, 7322, 7799, 8175, 8958, 9985, 13051, 13616, 13658, 13668, 13675-13681
$C_7H_{14}O_2$	Enanthic acid. B.p. 222.0 640, 2627, 3675, 4772, 8980, 10193, 10251, 10276, 10731, 12652, 12746, 12856, 12879, 12925, 13154, 13316, 13682-13707
$C_7H_{14}O_2$	Ethyl isovalerate. B.p. 134.7 641, 1399, 2221, 2587, 2918, 3201, 3676, 4304, 4830, 4936, 5076, 5622, 5830, 7042, 7208, 7323, 7801, 8021, 8049, 8176, 8363, 8455, 8929, 8959, 9177, 9501, 9589, 9638, 9674, 9861, 9986, 10527, 11390, 12001, 12051, 12399, 13708-13714
$C_7H_{14}O_2$	Ethyl valerate. B.p. 145.45 642, 1400, 2449, 3677, 4305, 5077, 5623, 7209, 7802, 9590, 9675, 9862, 9987, 10455, 13617, 13715-13719

Formula	Name and System No.
$C_7H_{14}O_2$	Isoamyl acetate. B.p. 142.1 643, 1401, 2450, 2588, 2919, 3202, 3354, 3458, 3678, 4306, 4831, 5078, 5624, 5831, 6590, 6947, 7043, 7210, 7627, 7803, 8050, 8177, 8364, 8456, 9178, 9591, 9639, 9672, 9863, 10339, 10456, 10528, 10554, 11906, 12002, 12097, 13052, 13618, 13659, 13669, 13675, 13715, 13720-13732, 16015, 16227, 16374a
$C_7H_{14}O_2$	Isobutyl propionate. B.p. 136.9 644, 1402, 2222, 2589, 2920, 3459, 3679, 4307, 4937, 5079, 6591, 7211, 7324, 7800, 8022, 8178, 8365, 8457, 8943 9140, 9179, 9676, 9864, 9988, 10529, 11391, 12052, 13619, 13660, 13720, 13733-13738
$C_7H_{14}O_2$	Isopropyl butyrate. B.p. 128 4955
$C_7H_{14}O_2$	Isopropyl isobutyrate. B.p. 120.8 645, 2223, 4832, 8051, 8179, 8366, 9640, 13026, 13739
$C_7H_{14}O_2$	4-Methoxy-4-methyl-2-pentanone. B.p. 165 6288
$C_7H_{14}O_2$	Methyl caproate. B.p. 149.8 646, 2451, 2590, 4308, 5625, 7804, 8458, 9533, 9678, 9722, 10457, 11366, 11725, 12785, 13740-13745
$C_7H_{14}O_2$	Propyl butyrate. B.p. 142.8 647, 2452, 2591, 3460, 3680, 4309, 4660, 4833, 5080, 5626, 7212, 7325, 7628, 7805, 8180, 8459, 9592, 9677, 9865, 10458, 10530, 12003, 12151, 13053, 13620, 13661, 13670, 13676, 13721, 13746-13751, 16462
$C_7H_{14}O_2$	Propyl isobutyrate. B.p. 133.9 648, 2224, 2921, 3203, 3461, 4310, 4834, 4938, 5081, 6948, 7806, 8052, 8181, 8367, 8944, 8960, 9502, 9679, 9764, 9866, 11392, 11776, 11826, 12053, 13752-13758
$C_7H_{14}O_3$	1,3-Butanediol methyl ether acetate. B.p. 171.75 649, 2453, 2592, 3681, 4311, 5118, 5971, 6153, 6662, 7151, 7284, 7461, 7629, 7743, 8460, 8780, 8885, 9338, 9455, 9680, 9723, 9989, 10340, 10390, 10459, 10935, 11481, 11522, 11572, 11726, 12152, 12228, 12675, 12808, 12835, 13054, 13225, 13317, 13759-13784
$C_7H_{14}O_3$	2,2-Dimethoxy-3-pentanone. B.p. 162.5 650
$C_7H_{14}O_3$	Ethyl 3-ethoxypropionate. B.p. 170.1 651
$C_7H_{14}O_3$	4-Hydroxyethyl-4-methyl-1,3-dioxane 651a
$C_7H_{14}O_3$	4-Hydroxy-3-methylol-4-methyltetrahydropyran 651b
$C_7H_{14}O_3$	Isobutyl lactate. B.p. 182.15 3682, 5972, 10039, 10389, 10677, 10934, 11178, 11677, 12229, 12534, 12653, 12676, 12712, 12747, 13155, 13226, 13318, 13602, 13629, 13785-13804, 16539, 16540, 16549, 16550
$C_7H_{14}O_3$	3-Methoxybutyl acetate. B.p. 171.3 652
$C_7H_{14}O_4$	2(2-Methoxyethoxy)ethyl acetate. B.p. 208.9 653
$C_7H_{15}N$	1,2-Dimethylpiperidine. B.p. 128 9784, 9867
$C_7H_{15}N$	2,6-Dimethylpiperidine. B.p. 128 9785, 9868
$C_7H_{15}NO$	<i>N,N</i> -Dimethylvaleramide. 9456

Formula	Name and System No.
C ₇ H ₁₆	2,2-Dimethylpentane. B.p. 79.1 131, 4134, 6787, 6805, 8636, 8673, 8685, 10873
C ₇ H ₁₆	2,3-Dimethylpentane. B.p. 89.79 132, 4135, 6908, 8622, 8637, 8663, 8671, 8686, 8702, 10874, 16510
C ₇ H ₁₆	2,4-Dimethylpentane. B.p. 80.8 133, 3008, 4136, 5557, 6806, 6909, 7010, 8638, 8664, 8672, 8687, 10875, 11696, 13805, 1166b
C ₇ H ₁₆	3,3-Dimethylpentane. B.p. 86.0 4137
C ₇ H ₁₆	3-Ethylpentane. B.p. 93.5 4138
C ₇ H ₁₆	Heptane. B.p. 98.4 654, 1078, 1167, 1278, 1337, 1500, 1534, 1693, 1859, 1909, 2101, 2335, 2367, 2803, 2855, 2922, 3009, 3020, 3204, 3331, 3355, 3462, 3548, 3683, 3894, 3939, 4139, 4312, 4534, 4595, 4890, 5023, 5045, 5214, 5281, 5393, 5445, 5480, 5558, 5627, 5704, 5718, 5817, 5842, 5870, 6263, 6289, 6325, 6399, 6514, 6592, 6856, 6862, 6910, 7011, 7020, 7251, 7384, 7462, 7552, 7593, 7694, 7722, 7843, 7878, 7887, 7915, 7948, 7991, 8056, 8071, 8182, 8248, 8281, 8368, 8461, 8623, 8639, 8661, 8688, 8781, 8860, 8895, 8900, 9198, 9213, 9238, 9256, 9273, 9288, 9302, 9396, 9412, 9427, 9534, 9655, 9693, 9706, 9802, 9869, 9911, 9934, 9948, 9957, 10531, 10876, 10936, 11179, 11355, 11697, 11727, 11787, 11801, 11816, 11907, 11918, 11936, 11977, 12133, 12153, 12196, 12202, 12210, 12293, 12396, 12405, 12408, 12416, 12421, 12430, 13027, 13610, 13611, 13739, 13806-13809, 15885, 15964, 16016, 16053, 16127, 16129, 16145, 16165, 16205, 16367, 16405, 16407-16409, 16443, 16465, 16467, 16475, 16481, 16490, 16491, 16523, 16534, 16542-16544, 16561, 2817d, 9456a, 11826a, 13566b, 16448a
C ₇ H ₁₆	2-Methylhexane. B.p. 90.0 2102, 3949, 4140, 5559, 8624, 8640, 16206
C ₇ H ₁₆	3-Methylhexane. B.p. 91.8 2103, 3950, 4141, 5560, 8625, 8641, 8662, 8670, 8689, 8701, 16206
C ₇ H ₁₆	2,2,3-Trimethylbutane. B.p. 80.87 134, 2104, 5561, 6807, 8690, 10877, 11698, 13805
C ₇ H ₁₆ O	Amyl ethyl ether. B.p. 120 655
C ₇ H ₁₆ O	<i>tert</i> -Amyl ethyl ether. B.p. 101 656, 4142, 8249
C ₇ H ₁₆ O	Butyl isopropyl ether. B.p. 103 6400
C ₇ H ₁₆ O	2-Heptyl alcohol. 13810
C ₇ H ₁₆ O	3-Heptyl alcohol. B.p. 156.4 7286
C ₇ H ₁₆ O	Heptyl alcohol. B.p. 176.15 657, 1079, 1403, 1595, 2454, 3684, 4313, 5215, 6154, 6980, 7080, 7152, 7285, 7326, 7744, 9115, 9681, 10341, 10391, 10460, 10802, 10937, 11180, 11523, 12004, 12043, 12071, 12098, 12230, 12471, 12535, 12677, 12748, 12809, 13028, 13055, 13227, 13469, 13515, 13759, 13811-13829
C ₇ H ₁₆ O	5-Methyl-2-hexanol. 658
C ₇ H ₁₆ O ₂	1-Butoxy-2-methoxyethane. B.p. 149.9 659
C ₇ H ₁₆ O ₂	1- <i>tert</i> -Butoxy-2-methoxyethane. 6593

Formula	Name and System No.
$C_7H_{16}O_2$	1-Butoxy-2-propanol. B.p. 170.1 660, 6662a
$C_7H_{16}O_2$	Diisopropoxymethane. 661
$C_7H_{16}O_2$	Dipropoxymethane. B.p. 137.2 662, 6515, 8369, 9503, 11638, 11827, 13752, 16099
$C_7H_{16}O_2$	2-Ethyl-1,5-pentanediol. B.p. 253.3 663
$C_7H_{16}O_3$	1(2-Ethoxyethoxy)-2-propanol. B.p. 198.1 664
$C_7H_{16}O_3$	Dipropylene glycol methyl ether. 13830, 6662b
$C_7H_{16}O_3$	2-Ethoxyethyl 2-methoxyethyl ether. B.p. 194.2 665, 13156, 13319
$C_7H_{16}O_3$	Ethyl orthoformate. B.p. 145.75 1404, 2455, 2593, 3463, 3685, 9593, 10461, 12005, 13056, 13708, 13722, 13831-13837
$C_7H_{16}O_3$	2(2-Propoxyethoxy)ethanol. B.p. 215.8 666
$C_7H_{16}O_4$	2(2(2-Methoxyethoxy)ethoxy)ethanol. B.p. 245.25 3686, 5973, 6594, 8536, 10040, 10194, 10295, 10732, 12346, 12880, 12926, 12981, 13838-13872
$C_7H_{17}NO$	1-Diethylamino-2-propanol. B.p. 159.5 667
$C_7H_{18}N_2$	3-Diethylaminopropylamine. B.p. 169.4 668
$C_7H_{18}OSi$	Butoxytrimethylsilane. B.p. 124.5 8183
$C_8F_{18}O$	Perfluorocyclic oxide. B.p. 102.6 6863, 8741, 12431, 13612, 13873-13875
$C_8F_{18}O$	Perfluorobutyl ether. B.p. 100 10878, 13806
$C_8H_5Cl_3$	<i>ar</i> -Trichlorostyrene. 13876
C_8H_6	Phenylacetylene. B.p. 142 3464, 4642, 6264, 8727
$C_8H_6Cl_2$	<i>ar</i> -Dichlorostyrene. 10041
C_8H_6O	Coumarone. B.p. 173 6663
C_8H_7N	Indole. B.p. 253.5 3687, 4314, 8537, 11034, 13437, 13877-13886
C_8H_7N	α -Toluonitrile. B.p. 232 13887
C_8H_8	Styrene. B.p. 145 669, 1694, 1860, 2105, 2456, 2694, 2684, 2923, 3033, 3205, 3465, 3688, 4143, 4315, 4643, 4939, 5216, 5629, 5705, 6155, 6265, 6401, 6516, 6595, 6699, 7081, 7153, 7213, 7327, 7463, 7630, 7807, 8184, 8250, 8282, 8370, 8462, 8728, 8282, 9012, 9067, 9339, 9535, 9594, 9682, 9724, 9870, 9904, 9935, 9990, 10462, 10938, 11181, 11242, 11421, 11524, 11728, 12006, 12072, 12109, 12154, 12536, 13057, 13228, 13463, 13677, 13709, 13716, 13733, 13746, 13753, 13831, 13888-13894, 16017, 16450, 16486
$C_8H_8Cl_2O$	2(2,4-Dichlorophenoxy)ethanol. 670

Formula	Name and System No.
C_8H_8O	Acetophenone. B.p. 202.05 671, 2389, 2628, 3689, 4316, 4596, 5217, 5282, 5974, 6156, 6664, 7745, 8538, 9068, 9457, 10042, 10126, 10157, 10487, 10555, 10591, 10733, 10803, 10939, 11182, 11325, 11422, 11601, 11856, 11954, 12503, 12630, 12749, 12838, 13157, 13229, 13320, 13402, 13470, 13516, 13543, 13554, 13567, 13603, 13682, 13895-13927
C_8H_8O	Epoxyethylbenzene. B.p. 194.2 672
$C_8H_8O_2$	Anisaldehyde. B.p. 249.5 8539, 10296, 11035, 12323, 12584, 12982, 13928-13942
$C_8H_8O_2$	Benzyl formate. B.p. 202.3 673, 3690, 4317, 6157, 6700, 8540, 10556, 10592, 10734, 10804, 10940, 11857, 11955, 12440, 12504, 12631, 13088, 13158, 13230, 13321, 13403, 13568, 13895, 13943-13959
$C_8H_8O_2$	Methyl benzoate. B.p. 199.45 674, 2629, 2685, 3691, 4318, 4762, 5975, 6158, 6701, 7746, 8541, 10043, 10127, 10158, 10488, 10593, 10678, 10735, 10805, 10941, 11295, 11326, 11602, 12231, 12505, 12632, 12857, 13089, 13159, 13231, 13322, 13404, 13569, 13604, 13838, 13896, 13943, 13960-13987
$C_8H_8O_2$	Phenyl acetate. B.p. 195.7 675, 2255, 2686, 3692, 4319, 5976, 6159, 6702, 7747, 8542, 9340, 10044, 10342, 10489, 10557, 10594, 10679, 10736, 10942, 11327, 11423, 11525, 11573, 11603, 11858, 12232, 12472, 12506, 12633, 12713, 12927, 13090, 13160, 13232, 13323, 13405, 13570, 13897, 13944, 13988-14015, 16513
$C_8H_8O_2$	α -Toluic acid. B.p. 266.5 3693, 10195, 11036, 11094, 12983, 14016-14045
$C_8H_8O_3$	Methyl salicylate. B.p. 222.3 3694, 4320, 5977, 6703, 8543, 8981, 10045, 10128, 10196, 10252, 10737, 10806, 12324, 12347, 12441, 12858, 12881, 12928, 13091, 13406, 13555, 13839, 14046-14085
C_8H_9BrO	<i>p</i> -Bromophenetole. B.p. 234.2 3695, 8544, 10197, 10595, 10807, 11037, 12325, 12442, 13877, 13928, 14086-14095
C_8H_9Cl	<i>o,m,p</i> -Chloroethylbenzene. 7464, 8726, 8886, 9013, 9429, 11405, 11922, 12135, 12155, 12233, 12422, 12537, 13810
C_8H_9N	2-Methyl-5-vinylpyridine. 14096
C_8H_{10}	Ethylbenzene. B.p. 136.15 162, 676, 1080, 1405, 1695, 1861, 2106, 2225, 2595, 2687, 2751, 2804, 2924, 3206, 3356, 3466, 3696, 4144, 4321, 4597, 4644, 4707, 4753, 4835, 4891, 4940, 5046, 5082, 5218, 5630, 5706, 5711, 6160, 6266, 6290, 6402, 6517, 6596, 6864, 7082, 7214, 7328, 7465, 7631, 7808, 8023, 8097, 8185, 8251, 8283, 8371, 8463, 8545, 8729, 8783, 8861, 8930, 8945, 9130, 9341, 9504, 9536, 9595, 9765, 9786, 9803, 9871, 9905, 9912, 9936, 9949, 9991, 10463, 10532, 10943, 11183, 11243, 11393, 11639, 11788, 11802, 11828, 11908, 11927, 11937, 11982, 12007, 12054, 12156, 12283, 13029, 13464, 13621, 13630, 13662, 13710, 13723, 13754, 13807, 13888, 14097-14107, 15952, 16058, 16104, 16186, 16359, 16368, 16382, 16450, 16486, 16487, 16494, 16535, 16551, 16564, 1167a
C_8H_{10}	<i>m</i> -Xylene. B.p. 139 677, 1081, 1406, 1596, 1696, 1862, 2107, 2596, 2689, 2805, 2925, 3034, 3207, 3357, 3468, 3697, 3895, 4145, 4322, 4598, 4645, 4708, 4754, 4941, 5083, 5219, 5283, 5446, 5631, 5707, 5712, 5719, 5818, 5832, 5978, 6161,

Formula	Name and System No.
C_8H_{10}	<i>m</i> -Xylene (continued) 6404, 6518, 6597, 6704, 6865, 6867, 7044, 7083, 7215, 7466, 7633, 7809, 8187, 8252, 8372, 8402, 8464, 8730, 8784, 8862, 8961, 9014, 9141, 9180, 9342, 9458, 9505, 9537, 9596, 1683, 9725, 9804, 9872, 9937, 9992, 10464, 10533, 10944, 11184, 11244, 11394, 11424, 11482, 11640, 11668, 11729, 11789, 11829, 12008, 12055, 12110, 12157, 12234, 12294, 12400, 12423, 13058, 13465, 13622, 13631, 13711, 13717, 13724, 13735, 13740, 13747, 13755, 13811, 13832, 13889, 13890, 14097, 14108-14116, 15875, 15953, 16105, 16231, 16461, 16462, 1167b, 5893b
C_8H_{10}	<i>o</i> -Xylene. B.p. 143.6 1697, 1863, 2108, 2457, 2597, 2688, 3035, 3208, 3469, 3555, 3698, 4146, 4323, 4599, 4646, 4709, 5084, 5284, 5632, 5819, 5833, 5979, 6403, 6519, 6598, 6665, 6705, 7084, 7216, 7467, 7634, 8057, 8188, 8373, 8465, 8546, 8785, 8863, 9343, 9459, 9538, 9597, 9805, 9873, 9993, 10945, 11185, 11367, 11425, 11483, 11730, 12009, 12111, 12158, 12235, 12401, 12538, 13059, 13233, 13623, 13663, 13671, 13678, 13718, 13725, 13736, 13741, 13748, 13891, 14108, 14117, 14118, 16369, 1167c, 5893c, 6867a
C_8H_{10}	<i>p</i> -Xylene. B.p. 138.4 1698, 2109, 2690, 2926, 3209, 3358, 3470, 3699, 4147, 4324, 4647, 4942, 5085, 5220, 5633, 5894, 6405, 6520, 6599, 6601, 6866, 6949, 7217, 7468, 7594, 7635, 7810, 8189, 8284, 8374, 8466, 8547, 8786, 8864, 9181, 9344, 9506, 9539, 9598, 9766, 9874, 9994, 10534, 11186, 11426, 11731, 11830, 12010, 12056, 12159, 12401, 13030, 13712, 13726, 13737, 13756, 13808, 14098, 14109, 14119, 14120, 16370, 16544, 16566, 1167d
$C_8H_{10}O$	Benzyl methyl ether. B.p. 167.8 1407, 2458, 3211, 3471, 3556, 3700, 4325, 4600, 4981, 5119, 5221, 5285, 5634, 6162, 6961, 7085, 7154, 7469, 7636, 7748, 7811, 8467, 8787, 9015, 9069, 9345, 9460, 9875, 10046, 10392, 10465, 10946, 11187, 11484, 11526, 11574, 11648, 11732, 11956, 12011, 12073, 12099, 12160, 12236, 12295, 12473, 12539, 12786, 13455, 13632, 13785, 13812, 14121-14132
$C_8H_{10}O$	<i>p</i> -Ethylphenol. B.p. 218.8 4327, 6163, 6880, 7336, 10199, 10253, 10738, 11859, 12540, 12859, 12883, 13092, 13496, 13898, 14046, 14134-14160
$C_8H_{10}O$	<i>m</i> -Methylanisole. B.p. 177.2 6164
$C_8H_{10}O$	<i>p</i> -Methylanisole. B.p. 177.05 2459, 3701, 4326, 4601, 4717, 5120, 5222, 5286, 5635, 6165, 7155, 7637, 8468, 8788, 9070, 9346, 9461, 9995, 10343, 10393, 10680, 10947, 11188, 11296, 11427, 11485, 11527, 11604, 11734, 11957, 12012, 12074, 12161, 12237, 12296, 12541, 12678, 13234, 13456, 13471, 13633, 13760, 13813, 14161-14182
$C_8H_{10}O$	α -Methylbenzyl alcohol. B.p. 203.4 678
$C_8H_{10}O$	Phenethyl alcohol. B.p. 219.5 3702, 4328, 5980, 6166, 6706, 7749, 8548, 10047, 10129, 10200, 10596, 10739, 10808, 11265, 12860, 12929, 12985, 13161, 13324, 13407, 13517, 14047, 14134, 14183-14220
$C_8H_{10}O$	Phenetole. B.p. 170.4 679, 2460, 2691, 3036, 3472, 3557, 3703, 4329, 4523, 4602, 4982, 5121, 5223, 5636, 5981, 6167, 7086, 7156, 7470, 7638, 8469, 8789, 8887, 8962, 9016, 9071, 9116, 9347, 9462, 9540, 9876, 9996, 10344, 10394, 10558, 10681, 10948, 11189, 11428, 11486, 11528, 11575, 11649, 11656, 11733, 11958, 12013, 12075, 12112, 12162, 12238, 12297, 12474, 12542, 12679, 12750, 12787, 12810, 13235, 13457, 13634, 13657, 13761, 13786, 13814, 14221-14252, 16533

Formula	Name and System No.
$C_8H_{10}O$	2,4-Dimethylphenol. B.p. 210.5 3704, 6168, 6881, 7337, 7750, 10201, 10597, 12714, 12861, 12930, 13162, 13408, 13787, 13899, 13960, 13988, 14135, 14253-14264
$C_8H_{10}O$	2,6-Dimethylphenol. 4325a, 6665a, 6679a
$C_8H_{10}O$	3,4-Xylenol. B.p. 226.8 3705, 4330, 5982, 6169, 6707, 7338, 8549, 8982, 10198, 10254, 10297, 10598, 10740, 10809, 11038, 11328, 11860, 12348, 12585, 12734, 12862, 12882, 12931, 12984, 13093, 13497, 13556, 13683, 13900, 13945, 14048, 14086, 14183, 14265-14306
$C_8H_{10}O$	3,5-Xylenol. 14307
$C_8H_{10}O_2$	<i>m</i> -Dimethoxybenzene. B.p. 214.7 3706, 6708, 10202, 10600, 10741, 10810, 11329, 11861, 12443, 12863, 12932, 13094, 13163, 13325, 13409, 13518, 13571, 13946, 14049, 14308-14319
$C_8H_{10}O_2$	<i>m</i> -Ethoxyphenol. B.p. 243.8 14320
$C_8H_{10}O_2$	<i>o</i> -Ethoxyphenol. B.p. 216.5 2630, 3707, 4331, 5983, 6709, 7339, 10203, 10601, 10742, 11190, 11330, 11862, 12933, 13095, 13326, 13472, 13498, 13684, 13901, 14050, 14265, 14321-14343
$C_8H_{10}O_2$	2-Phenoxyethanol. B.p. 245.2 5139, 8550, 10204, 13096, 13840, 14051, 14137, 14184, 14266, 14321, 14344-14355
$C_8H_{10}O_2$	Veratrole. B.p. 205.5 680, 3708, 4332, 5140, 6170, 9072, 10599, 10743, 10811, 10949, 11191, 11331, 11429, 11529, 11576, 11863, 12864, 12934, 13097, 13164, 13236, 13327, 13902, 13961, 13989, 14136, 14356-14366
$C_8H_{11}ClSi$	Dimethylphenylchlorosilane. B.p. 194.6 13048
$C_8H_{11}N$	2,4,6-Collidine. B.p. 171 681, 4334, 10950, 13165, 13237, 14416, 14417, 16414, 16416, 16548
$C_8H_{11}N$	<i>N,N</i> -Dimethylaniline. B.p. 194.05 1699, 3212, 3709, 4333, 4603, 5984, 6666, 8888, 9997, 10048, 10130, 10159, 10345, 10395, 10682, 10744, 10951, 11192, 11678, 11735, 12163, 12239, 12298, 13349, 12424, 12475, 12507, 12543, 12634, 12654, 12680, 12715, 12751, 12865, 12935, 13098, 13166, 13238, 13328, 13410, 13473, 13635, 13815, 13903, 14161, 14185, 14221, 14322, 14356, 14367-14394
$C_8H_{11}N$	Ethylaniline. B.p. 205.5 682, 3712, 4337, 4605, 5987, 10131, 10205, 10683, 10745, 10952, 11679, 12476, 12508, 12936, 13099, 13167, 13239, 13330, 13411, 13499, 13904, 14138, 14186, 14268, 14323, 14357, 14395-14415
$C_8H_{11}N$	α -Methylbenzylamine. B.p. 188.6 683
$C_8H_{11}N$	5-Ethyl-2-methylpyridine. B.p. 178.3 684, 13031, 14096
$C_8H_{11}N$	<i>ar</i> -Methyl-1,2,3,6-tetrahydrobenzoxonitrile. B.p. 205.4 685
$C_8H_{11}N$	2,4-Xylidine. B.p. 214.0 3710, 4335, 4604, 5985, 10746, 12866, 12937, 13100, 13240, 13329, 13412, 13905, 14187, 14267, 14308, 14324, 14418-14429

Formula	Name and System No.
$C_8H_{11}N$	3,4-Xylidine. B.p. 225.5 3711, 4336, 5986, 10206, 10747, 12938, 13101, 14188, 14309, 14430-14435
$C_8H_{11}NO$	<i>o</i> -Phenetidine. B.p. 232.5 3713, 4338, 5988, 8551, 10207, 10255, 10277, 10298, 10812, 11039, 11095, 12884, 12939, 12986, 13102, 14052, 14139, 14189, 14269, 14436-14454
$C_8H_{11}NO$	<i>p</i> -Phenetidine. B.p. 249.9 3714, 4339, 8552, 10256, 10278, 10299, 11040, 11096, 12586, 12885, 12987, 14270, 14455-14474
C_8H_{12}	4-Vinylcyclohexene. 6602, 2805c
C_8H_{12}	1,3,7-Octatriene. B.p. 125 2805b
C_8H_{12}	1,3- <i>trans</i> -6- <i>cis</i> -octatriene. B.p. 132 2805a
$C_8H_{12}N_2O_2$	Hexamethylenediisocyanate. 10346
$C_8H_{12}O$	2-Methyl-1,2,3,6-tetrahydrobenzaldehyde. B.p. 176.4 686
$C_8H_{12}O_2$	3,4-Dihydro-2,5-dimethyl-2- <i>H</i> -pyran-2-carboxaldehyde. B.p. 176.9 687
$C_8H_{12}O_4$	Ethyl fumarate. B.p. 217.85 688, 3715, 4340, 5989, 6171, 6710, 7751, 8553, 10208, 10602, 10748, 10813, 12886, 12940, 13168, 13241, 13331, 13685, 13841, 14053, 14140, 14190, 14253, 14271, 14310, 14358, 14475-14501
$C_8H_{12}O_4$	Ethyl maleate. B.p. 223.3 689, 2692, 3716, 4341, 5990, 6172, 6711, 8554, 8983, 10603, 10749, 10814, 11041, 12887, 12941, 13169, 13242, 13332, 13686, 13842, 14054, 14141, 14254, 14272, 14311, 14325, 14502-14525
C_8H_{14}	Diisobutylene. B.p. 101 690, 6406, 8253, 16080, 16166, 16207, 16492
$C_8H_{14}O$	Bicyclo(2.2.1)heptane-2-methanol. B.p. 203.9 691
$C_8H_{14}O$	Cyclohexyl vinyl ether. 11736
$C_8H_{14}O$	Diisobutylene oxide. 692
$C_8H_{14}O$	2-Ethyl-2-hexenal. B.p. 176 693, 2110
$C_8H_{14}O$	2-Methylallyl ether. B.p. 134.6 694, 7406
$C_8H_{14}O$	Methylheptenone. B.p. 173.2 2461, 3717, 4342, 5224, 5991, 6173, 7471, 8790, 9017, 9073, 9348, 10396, 10953, 11193, 11430, 11487, 11737, 12299, 12544, 12681, 12752, 12788, 12811, 13243, 13636, 13816, 14121, 14222, 14526-14544
$C_8H_{14}O$	2-Octenal. 695
$C_8H_{14}O$	2,4,6-Trimethyl-5,6-dihydro-1,2-pyran. 16234
$C_8H_{14}O_2$	Butyl methacrylate. 8190, 8933
$C_8H_{14}O_2$	Acetaldehyde diallyl acetal. B.p. 150.9 696

Formula	Name and System No.
$C_8H_{14}O_2$	Cyclohexyl acetate. B.p. 177.0 3213
$C_8H_{14}O_2$	2-Ethyl-3-hexenoic acid. B.p. 231.8 697
$C_8H_{14}O_2$	Vinyl 2-methylvalerate. B.p. 148.8 698
$C_8H_{14}O_3$	Bis(2-vinyloxyethyl) ether. B.p. 198.7/10 mm 699, 14545
$C_8H_{14}O_3$	2-Ethoxyethyl methacrylate. 8934
$C_8H_{14}O_3$	Butyl acetoacetate. B.p. 213.9 700
$C_8H_{14}O_4$	<i>meso</i> -2,3-Butanediol diacetate. B.p. 190 3214, 8401
$C_8H_{14}O_4$	Ethyl succinate. B.p. 217.25 701, 4343, 4773, 6174, 8555, 10209, 10604, 10750, 10815, 12509, 12888, 12942, 13244, 13333, 13687, 14326, 14546-14571
$C_8H_{14}O_4$	Propyl oxalate. B.p. 214 10210, 10751, 11332, 11864, 12510, 12635, 12867, 13572, 13688, 13906, 13962, 14475, 14502, 14572-14578
$C_8H_{15}N$	2(Aminomethyl)bicyclo(2.2.1)heptane. B.p. 185.9 702
$C_8H_{15}N$	Caprylonitrile. B.p. 205.2 14579
$C_8H_{15}N$	Dimethylamine. B.p. 149.0 703
C_8H_{16}	1,1-Dimethylcyclohexane. B.p. 119.54 4148
C_8H_{16}	<i>trans</i> -1,2-Dimethylcyclohexane. B.p. 123.02 6407, 8470
C_8H_{16}	1,3-Dimethylcyclohexane. B.p. 120.7 163, 1082, 1700, 1864, 2111, 2226, 2368, 2598, 2927, 3215, 3359, 3473, 3940, 4149, 4151, 4344, 4535, 4836, 4892, 4943, 5637, 5708, 5834, 6408, 6521, 6603, 7045, 7087, 7472, 7639, 7844, 8053, 8098, 8191, 8285, 8375, 8471, 8791, 8865, 8901, 8931, 9182, 9239, 9397, 9507, 9541, 9599, 9641, 9707, 9767, 9806, 9877, 9938, 9998, 10535, 11194, 11395, 11641, 11738, 11790, 11803, 11817, 11831, 11909, 11919, 11938, 11978, 12409, 12413, 13032, 13033, 13727, 14580-14581
C_8H_{16}	<i>trans</i> -1,4-Dimethylcyclohexane. B.p. 119.35 4152
C_8H_{16}	<i>cis</i> -1,4-Dimethylcyclohexane. 4150
C_8H_{16}	1-Ethyl-1-methylcyclopentane. B.p. 121.52 4153
C_8H_{16}	Ethylcyclohexane. B.p. 131.8 3216, 7021, 7845, 8472, 12284, 13873, 14099, 14582, 16535
C_8H_{16}	<i>cis</i> -1-Ethyl-2-methylcyclopentane. B.p. 128.05 6409
C_8H_{16}	<i>trans</i> -1-Ethyl-2-methylcyclopentane. B.p. 121.2 6410, 6604
C_8H_{16}	<i>trans</i> -1-Ethyl-3-methylcyclopentane. B.p. 120.8 6411, 6605
C_8H_{16}	6-Methyl-1-heptene. 9878

Formula	Name and System No.
C_8H_{16}	1-Octene. B.p. 121.6 704, 1865, 2806, 14100, 15886, 1167e
C_8H_{16}	2-Octene. B.p. 125.2 2807, 8473
C_8H_{16}	1,1,2-Trimethylcyclopentane. B.p. 113.73 6412, 8902
C_8H_{16}	1,1,3-Trimethylcyclopentane. B.p. 104.9 6413, 6606, 13034
C_8H_{16}	<i>cis,cis,trans</i> -1,2,4-Trimethylcyclopentane. 6416
C_8H_{16}	1- <i>trans</i> -2- <i>cis</i> -4-Trimethylcyclopentane. B.p. 109.29 4156
C_8H_{16}	1- <i>cis</i> -2- <i>trans</i> -4-Trimethylcyclopentane. B.p. 116.73 6415
C_8H_{16}	<i>cis,trans,cis</i> -1,2,3-Trimethylcyclopentane. B.p. 110.4 8595, 13035
C_8H_{16}	1- <i>trans</i> -2- <i>cis</i> -3-Trimethylcyclopentane. B.p. 110.2 6608
C_8H_{16}	1- <i>cis</i> -2- <i>trans</i> -3-Trimethylcyclopentane. B.p. 117.5 4154, 6414
C_8H_{16}	<i>cis,trans,cis</i> -1,2,4-Trimethylcyclopentane. B.p. 105.3 4155, 13036
C_8H_{16}	1- <i>cis</i> -2- <i>cis</i> -3-Trimethylcyclopentane. B.p. 123.0 6607
C_8H_{16}	2,3,4-Trimethyl-2-pentene. B.p. 116 13037
C_8H_{16}	2,4,4-Trimethyl-1-pentene. B.p. 101.44 6609
C_8H_{16}	2,4,4-Trimethyl-2-pentene. B.p. 104.91 4157
$C_8H_{16}O$	Allyl isoamyl ether. B.p. 120 705
$C_8H_{16}O$	2-Ethylhexaldehyde. B.p. 163.6 706, 12136
$C_8H_{16}O$	2-Octanone. B.p. 172.85 2462, 3718, 4345, 5122, 5225, 5287, 5992, 6175, 6667, 7157, 7287, 7473, 8792 8963, 9018, 9117, 9349, 9463, 10397, 10490, 10559, 10954, 11195, 11488, 11739, 12014, 12076, 12113, 12164, 12300, 12545, 12655, 12682, 12753, 12812, 13060, 13245, 13573, 13605, 13637, 13762, 14122, 14162, 14223, 14583-14603
$C_8H_{16}O$	2,2,5,5-Tetramethyltetrahydrofuran. B.p. 115 707
$C_8H_{16}O$	2,4,4-Trimethyl-1,2-epoxypentane. B.p. 140.9 708
$C_8H_{16}O$	2,4,4-Trimethyl-2,3-epoxypentane. B.p. 127.3 709
$C_8H_{16}OS$	2-Butylthioethyl vinyl ether. B.p. 210.5 710, 12204
$C_8H_{16}O_2$	Amyl propionate. 5638
$C_8H_{16}O_2$	2-Butoxyethyl vinyl ether. 711

Formula	Name and System No.
$C_8H_{16}O_2$	Butyl butyrate. B.p. 166.4 712, 1408, 1597, 2498, 2599, 2693, 3719, 4346, 5993, 6176, 6981, 7088, 7288, 7474, 7812, 8192, 8793, 8889, 9118, 9542, 9999, 10347, 10398, 10466, 10491, 10955, 11368, 11431, 11489, 11740, 12165, 12240, 12546, 12754, 12789, 12813, 13061, 14123, 14163, 14224, 14583, 14604-14621
$C_8H_{16}O_2$	Caprylic acid. B.p. 238.5 3720, 8984, 10211, 10300, 10752, 11042, 11865, 12889, 12943, 12988, 14273, 14476, 14503, 14546, 14622-14637
$C_8H_{16}O_2$	1,3-Dimethylbutyl acetate. B.p. 146.1 14638
$C_8H_{16}O_2$	2,3-Epoxy-2-ethylhexanol. 713
$C_8H_{16}O_2$	2-Ethylbutyl acetate. B.p. 162.3 714, 12166
$C_8H_{16}O_2$	Ethyl caproate. B.p. 166.8 715, 2463, 2694, 6177, 7089, 7641, 9019, 9600, 10399, 10956, 11490, 12015, 12241, 12547, 12755, 12814, 13763, 13817, 14584, 14604, 14639- 14649
$C_8H_{16}O_2$	2-Ethylhexanoic acid. B.p. 227 716, 13170, 13334, 14650
$C_8H_{16}O_2$	Hexyl acetate. B.p. 171.5 717, 2464, 2695, 3721, 5123, 7090, 9074, 9351, 10400, 11491, 11530, 12016, 12242, 12548, 12756, 13764, 14225, 14585, 14651-14654
$C_8H_{16}O_2$	Isoamyl propionate. B.p. 160.3 718, 1409, 1598, 2465, 2600, 3722, 4347, 5124, 5226, 5994, 6178, 6982, 7046, 7091, 7475, 7640, 7813, 8794, 8890, 8964, 9020, 9119, 9543, 9601, 9726, 9879, 10049, 10401, 10467, 10957, 11369, 11432, 11492, 11741, 12017, 12114, 12167, 12243, 12757, 12790, 12815, 13062, 13638, 13765, 14124, 14164, 14226, 14605, 14655-14669
$C_8H_{16}O_2$	Isobutyl butyrate. B.p. 156.8 619, 1410, 2466, 2601, 3474, 3723, 4348, 5995, 6179, 7092, 7476, 7642, 8795, 9021, 9120, 9350, 9544, 9602, 9684, 9727, 10000, 10468, 11137, 11370, 11742, 12018, 12168, 12244, 12791, 13063, 13639, 13766
$C_8H_{16}O_2$	Isobutyl isobutyrate. B.p. 147.3 720, 1411, 2602, 3724, 4349, 4983, 5639, 6180, 7158, 7218, 7477, 7643, 7814, 8965, 9022, 9545, 9603, 9685, 9728, 10469, 11743, 12019, 12100, 12169, 12792, 13064, 13664, 13672, 13742, 13892, 14110, 14675-14678
$C_8H_{16}O_2$	Isooctanoic acid. B.p. 220 721
$C_8H_{16}O_2$	Methylisoamyl acetate. 3217
$C_8H_{16}O_2$	4-Methyl-2-pentyl acetate. B.p. 146.1 722, 11396, 11804, 12197
$C_8H_{16}O_2$	Propyl isovalerate. B.p. 155.8 723, 2467, 3725, 4350, 5640, 5996, 6610, 7093, 7329, 7644, 7815, 8474, 8796, 8891, 8966, 9546, 9604, 10001, 10470, 11371, 11397, 11744, 12020, 12101, 12115, 12170, 12245, 12793, 13065, 13743, 13833, 13893, 14656, 14679-14689
$C_8H_{16}O_3$	2-Butoxyethyl acetate. B.p. 192.2 724
$C_8H_{16}O_3$	2,2-Diethoxy-3-butanone. B.p. 163.5 725
$C_8H_{16}O_3$	2,5-Diethoxytetrahydrofuran. B.p. 173 726

Formula	Name and System No.
$C_8H_{16}O_3$	2-Ethoxyethyl 2-vinyloxyethyl ether. B.p. 194.0 727
$C_8H_{16}O_3$	Isoamyl lactate. B.p. 202.4 3726, 10050, 10160, 10684, 10753, 10958, 11333, 12350, 12511, 12636, 12868, 13171, 13246, 13335, 13413, 13574, 13907, 13963, 14192, 14255, 14274, 14690-14701
$C_8H_{16}O_4$	2(2-Ethoxyethoxy)ethyl acetate. B.p. 218.5 728, 4351, 11866, 12246, 13103, 13689, 13908, 13964, 14477, 14702- 14713
$C_8H_{17}Cl$	1-Chloro-2-ethylhexane. B.p. 173 729
$C_8H_{17}Cl$	3-(Chloromethyl)heptane. 12137, 14714
$C_8H_{17}N$	<i>N</i> -Ethylcyclohexylamine. B.p. 164.9 730
$C_8H_{17}N$	5-Ethyl-2-methylpiperidine. B.p. 163.4 731
$C_8H_{17}N$	Methyl(methylcyclohexyl)amine. 732
$C_8H_{17}NO$	<i>N,N</i> -Dimethylhexaneamide. 11867
$C_8H_{17}NO$	4-Ethyl-2,6-dimethylmorpholine. B.p. 158.1 733
C_8H_{18}	2,2-Dimethylhexane. B.p. 106.54 4158, 8626, 8703, 8898
C_8H_{18}	2,3-Dimethylhexane. B.p. 115.8 4159, 4536
C_8H_{18}	2,4-Dimethylhexane. B.p. 109.4 6612, 12410
C_8H_{18}	2,5-Dimethylhexane. B.p. 109.4 164, 1083, 1168, 1501, 1701, 1866, 2112, 2369, 2808, 2928, 3010, 3218, 3475, 3727, 3896, 3941, 4160, 4352, 4837, 4893, 5394, 5447, 5641, 5709, 5820, 6326, 6417, 6522, 6611, 6712, 7385, 7553, 7723, 7816, 7846, 7916, 8193, 8255, 8286, 8376, 8475, 8627, 8866, 8897, 8905, 9240, 9274, 9289, 9303, 9398, 9656, 9708, 9807, 9880, 9913, 11699, 12203, 12211, 12301, 13038, 13613
C_8H_{18}	3,3-Dimethylhexane. B.p. 111.93 8476, 8628
C_8H_{18}	3,4-Dimethylhexane. B.p. 117.9 4161
C_8H_{18}	3-Ethyl-3-methylpentane. B.p. 118.26 8487
C_8H_{18}	Isooctane. B.p. 99.3 980, 8254, 11196, 13040, 16167, 16562, 734a
C_8H_{18}	2-Methyl-3-ethylpentane. B.p. 114 2809
C_8H_{18}	2-Methylheptane. B.p. 117.2 4162, 4537, 7847, 8896, 8904, 13039
C_8H_{18}	3-Methylheptane. B.p. 118.93 4163
C_8H_{18}	4-Methylheptane. B.p. 117.7 4164

Formula	Name and System No.
C_8H_{18}	Octane. B.p. 125.75 165, 734, 1541, 1702, 1867, 2113, 2227, 2370, 2696, 2810, 3219, 3476, 3728, 3897, 4165, 4353, 4606, 4838, 4894, 4944, 5395, 5448, 5642, 5710, 5721, 6267, 6291, 6418, 6523, 6614, 6950, 7022, 7219, 7478, 7554, 7645, 7817, 7848, 8194, 8377, 8478, 8797, 8867, 8903, 9352, 9399, 9428, 9605, 9642, 9709, 9787, 9808, 9881, 9939, 10002, 10536, 10879, 10959, 11197, 11248, 11398, 11805, 11832, 11910, 11920, 11928, 11939, 11979, 11983, 12134, 12171, 12212, 12302, 12432, 13041, 14101, 14119, 14580, 14582, 14715, 14716, 15887, 16055, 16146, 16208, 16312, 16371, 16375, 16379, 16487, 16553-16555, 16566, 1168a, 13335a
C_8H_{18}	2,2,3-Trimethylpentane. B.p. 109.8 4166, 6613
C_8H_{18}	2,2,4-Trimethylpentane. B.p. 99.3 2114, 2811, 4167, 6268, 6419, 6524, 8378, 8629, 8665, 8691, 8704, 8868, 9882, 10880, 11249, 13043, 13614, 13809, 13874, 14416, 14715, 1168b, 11699a
C_8H_{18}	2,3,3-Trimethylpentane. B.p. 114.76 4168
C_8H_{18}	2,3,4-Trimethylpentane. B.p. 113.4 4169, 11254, 11256, 13042, 13466, 13875
$C_8H_{18}Cl_2Sn$	Dibutyltindichloride. 7992, 14717, 16477
$C_8H_{18}O$	Butyl ether. B.p. 142.6 122, 152, 735, 1412, 1703, 2603, 2929, 3037, 3220, 3360, 3477, 3558, 3729, 4170, 4354, 4607, 4710, 4945, 4984, 5086, 5481, 5643, 5835, 6181, 6615, 6668, 7012, 7047, 7159, 7220, 7330, 7480, 7646, 7818, 7949, 8058, 8195, 8305, 8379, 8479, 8798, 8967, 9023, 9142, 9183, 9353, 9547, 9606, 9686, 9770, 9883, 10003, 10471, 10537, 10960, 11198, 11399, 11433, 11642, 11745, 11833, 12021, 12102, 12247, 12402, 12549, 13066, 13673, 13679, 13713, 13719, 13728, 13738, 13749, 13757, 14102, 14111, 14117, 14675, 14679, 14718-14720, 16018, 16132, 16147, 16168, 16187, 16236, 16237, 16476, 16482, 16563, 1501a
$C_8H_{18}O$	<i>sec</i> -Butyl ether. B.p. 121 736, 16169
$C_8H_{18}O$	2-Ethylhexanol. B.p. 183.5 737, 7289, 10961, 14112, 14714, 14718, 14721-14724
$C_8H_{18}O$	Ethyl hexyl ether. B.p. 143 738
$C_8H_{18}O$	Isobutyl ether. B.p. 122.2 739, 1084, 1413, 1868, 2228, 2856, 3221, 3478, 4171, 4355, 4608, 4895, 4946, 5644, 5821, 5836, 6420, 6525, 6616, 6951, 7048, 7415, 7479, 7647, 8099, 8196, 8380, 8480, 8869, 8946, 9131, 9143, 9184, 9257, 9508, 9607, 9771, 9809, 9884, 9940, 10004, 10538, 11199, 11400, 11746, 11806, 11834, 11911, 11921, 11929, 11940, 11980, 12172, 12397, 12406, 12411, 12414, 12425, 13044, 13615, 13714, 14103, 14581, 14716, 14725, 16188
$C_8H_{18}O$	Isooctyl alcohol. B.p. 186.5 740
$C_8H_{18}O$	Octyl alcohol. B.p. 195.15 741, 3730, 4356, 5125, 5141, 5227, 5288, 5997, 6182, 6920, 7290, 7752, 8799, 9075, 10132, 10212, 10348, 10402, 10492, 10560, 10605, 10685, 10754, 10816, 10962, 11200, 11297, 11334, 11406, 11531, 11577, 11605, 11650, 12173, 12477, 12512, 12550, 12637, 12657, 12683, 12716, 12758,

Formula	Name and System No.
$C_8H_{18}O$	Octyl alcohol (<i>continued</i>) 12869, 12944, 13172, 13247, 13336, 13414, 13474, 13500, 13519, 13544, 13575, 13606, 13767, 13788, 13909, 13947, 13965, 13990, 14113, 14142, 14165, 14275, 14367, 14395, 14418, 14526, 14579, 14690, 14726-14757
$C_8H_{18}O$	<i>sec</i> -Octyl alcohol. B.p. 178.7 742, 1599, 2468, 3731, 4357, 4985, 5126, 5228, 5289, 5998, 6183, 7094, 7160, 7291, 7331, 7753, 9076, 9121, 10161, 10349, 10403, 10472, 10493, 10561, 10686, 10817, 10963, 11201, 11407, 11434, 11493, 11532, 11578, 11645, 12022, 12077, 12103, 12248, 12478, 12551, 12638, 12658, 12684, 12759, 12794, 12816, 13045, 13173, 13248, 13337, 13475, 13501, 13520, 13545, 13607, 13768, 13789, 13818, 13910, 14114, 14125, 14166, 14227, 14368, 14396, 14527, 14586, 14651, 14657, 14758-14786, 16426, 16520, 16525, 16541, 16549, 16550
$C_8H_{18}OS$	2-Hexylthioethanol. 14787
$C_8H_{18}O_2$	2-Ethyl-1,3-hexanediol. B.p. 243.1 744, 4172, 14788, 16019
$C_8H_{18}O_2$	Acetaldehyde dipropyl acetal. B.p. 147.7 743, 6526, 16100
$C_8H_{18}O_2$	1-Butoxy-2-ethoxyethane. B.p. 164.2 745
$C_8H_{18}O_2$	Butyraldehyde diethyl acetal. B.p. 146.3 746
$C_8H_{18}O_2$	5-Ethoxy-3-methylpentanol. B.p. 211.7 747
$C_8H_{18}O_2$	2-Ethyl-3-methyl-1,5-pentanediol. B.p. 265.5 748
$C_8H_{18}O_2$	2-Hexyloxyethanol. B.p. 208.1 749
$C_8H_{18}O_2$	2(2-Methylpentylloxy)ethanol. B.p. 197.1 750
$C_8H_{18}O_3$	Bis(2-ethoxyethyl) ether. B.p. 186 752, 4359, 10404, 12351, 13174, 13338, 14545, 14789, 14790
$C_8H_{18}O_3$	2(2-Butoxyethoxy)ethanol. B.p. 231.2 751, 4358, 5142, 6713, 8556, 10133, 10213, 10881, 12870, 12890, 14055, 14193, 14327, 14436, 14791-14802, 16307
$C_8H_{18}O_4$	2(2(2-Ethoxyethoxy)ethoxy)ethanol. 8557
$C_8H_{18}O_4$	1,2-Bis(2-methoxyethoxy)ethane. 753
$C_8H_{18}S$	Butyl sulfide. B.p. 185.0 3361, 3732, 4609, 4718, 6184, 7233, 7292, 7481, 8800, 9077, 9354, 10405, 10494, 10562, 10818, 10964, 11435, 11681, 11747, 12174, 12479, 12491, 12836, 12839, 13249, 13339, 13415, 13790, 14167, 14228, 14528, 14587, 14803-14810
$C_8H_{18}S$	Isobutyl sulfide. B.p. 172.0 3479, 3733, 4610, 6185, 6962, 7161, 7234, 7482, 8801, 8968, 9024, 9695, 10406, 10563, 10965, 11436, 12078, 12175, 12249, 12480, 12492, 12817, 13250, 14588, 14639, 14658, 14811-14815
$C_8H_{19}N$	Dibutylamine. B.p. 159.6 754, 8197, 16148, 16193, 16478
$C_8H_{19}N$	Diisobutylamine. B.p. 138.5 11401, 11791, 11807, 13067, 13624, 13665, 14104, 14115, 14725
$C_8H_{19}N$	2-Ethylhexylamine. B.p. 169.1 755

Formula	Name and System No.
$C_8H_{19}N$	1,1,3,3-Tetramethylbutylamine. B.p. 140 756
$C_8H_{19}NO$	1-Diethylaminobutane-3-ol. 3222
$C_8H_{19}NO$	2-Diisopropylaminoethanol. B.p. 190.9 757, 4360
$C_8H_{19}NO_2$	2,2'-Butyliminodiethanol. 758
$C_8H_{19}NO_2$	1,1'-Ethyliminodi-2-propanol. B.p. 238.9 759
$C_8H_{19}O_3P$	Diisobutyl phosphite. 7255
$C_8H_{20}O_4Si$	Ethyl silicate. B.p. 168.8 2469, 4986, 7095, 10350, 10407, 10473, 10966, 12685, 12795, 12818, 13068, 13251, 14126, 14229, 14607, 14659, 14670, 14680, 14816-14821
$C_9F_{21}N$	Tris(perfluoropropyl)amine. B.p. 130 14822
$C_9H_6N_2O_2$	2,6-Tolylene diisocyanate. 14823
$C_9H_6N_2O_2$	2,4-Tolylene diisocyanate. 10109, 10351, 10539, 14823
C_9H_7N	Isoquinoline. B.p. 240.3 4361, 14087, 14824-14826
C_9H_7N	Quinoline. B.p. 237.3 760, 1704, 3223, 3734, 4362, 5645, 5999, 6714, 8558, 8892, 10051, 10214, 10257, 10279, 10301, 10819, 11043, 12250, 12326, 12352, 12735, 12871, 12891, 12945, 12989, 13104, 13438, 13843, 14056, 14143, 14256, 14276, 14307, 14791, 14824, 14827-14848
C_9H_8	Indene. B.p. 182.4 1705, 2697, 3038, 3480, 3735, 4363, 4611, 5127, 5143, 5229, 5290, 5646, 6000, 6186, 6421, 6527, 6669, 6715, 7696, 7483, 7648, 7754, 8198, 8491, 8802, 9078, 9355, 9464, 9548, 9885, 10005, 10052, 10352, 10408, 10495, 10564, 10687, 10967, 11202, 11298, 11437, 11533, 11606, 11748, 11868, 11959, 12176, 12686, 13175, 13252, 13340, 13476, 13521, 13546, 13690, 13791, 13966, 13991, 14168, 14230, 14369, 14529, 14547, 14589, 14608, 14726, 14758, 14789, 14849-14867
C_9H_8O	Cinnamaldehyde. B.p. 253.5 3736, 4364, 6001, 11044, 12587, 12990, 13439, 14016, 14088, 14868- 14890
$C_9H_8O_2$	Vinyl benzoate. 761
C_9H_9N	2-Methylindole. B.p. 268 14891
C_9H_9N	3-Methylindole. B.p. 266.5 4365
C_9H_{10}	α -Methylstyrene. 10968
C_9H_{10}	Vinyltoluene. 14892
$C_9H_{10}O$	Cinnamyl alcohol. B.p. 257 3737, 6002, 10259, 10303, 10755, 10820, 11045, 11097, 12892, 12946, 13878, 13929, 14277, 14344, 14455, 14792, 14868, 14893-14915
$C_9H_{10}O$	Benzyl vinyl ether. 13105

Formula	Name and System No.
$C_9H_{10}O$	<i>p</i> -Methylacetophenone. B.p. 226.3 3738, 4366, 5144, 6003, 6187, 6716, 10215, 10606, 10821, 11046, 12444, 12588, 12740, 12893, 12947, 13176, 13341, 13557, 13691, 14057, 14089, 14144, 14194, 14257, 14278, 14437, 14478, 14504, 14548, 14622, 14702, 14827, 14916-14934
$C_9H_{10}O$	Propiophenone. B.p. 217.7 3739, 4367, 4774, 5145, 6004, 6188, 10216, 10607, 10756, 10969, 11869, 12445, 12741, 12872, 12894, 12948, 13106, 13177, 13253, 13342, 13416, 13522, 13547, 13558, 13692, 14058, 14145, 14195, 14258, 14279, 14328, 14370, 14397, 14419, 14479, 14505, 14549, 14935-14945
$C_9H_{10}O_2$	Benzyl acetate. B.p. 214.9 762, 3740, 4368, 4775, 6005, 6717, 8559, 10053, 10134, 10217, 10608, 10757, 10822, 11870, 12446, 12513, 12760, 12895, 12949, 13107, 13178, 13254, 13343, 13417, 13693, 13844, 13911, 14059, 14146, 14196, 14259, 14280, 14312, 14329, 14359, 14480, 14506, 14572, 14703, 14935, 14946-14962, 16538
$C_9H_{10}O_2$	1,2-Epoxy-3-phenoxypropane. B.p. 244.4 763
$C_9H_{10}O_2$	Ethyl benzoate. B.p. 212.4 764, 1502, 2631, 3741, 4369, 4776, 5509, 6006, 6189, 6718, 7755, 8560, 10135, 10218, 10496, 10565, 10609, 10758, 10823, 10882, 11335, 11871, 12447, 12514, 12873, 12950, 13108, 13179, 13255, 13344, 13418, 13576, 13694, 13845, 13912, 13967, 14060, 14147, 14197, 14260, 14281, 14313, 14330, 14360, 14481, 14507, 14550, 14704, 14727, 14936, 14946, 14963-14980
$C_9H_{10}O_2$	Methyl α -toluate. B.p. 215.3 765, 3742, 6007, 13109, 14061, 14963, 14979-14982
$C_9H_{10}O_3$	Ethyl salicylate. B.p. 233.7 3743, 4370, 4777, 6008, 6719, 8561, 8985, 10219, 10260, 10304, 11047, 12327, 12365, 12448, 12589, 12896, 12951, 12991, 13440, 13559, 13846, 14198, 14282, 14345, 14438, 14456, 14508, 14793, 14828, 14916, 14983-15005
$C_9H_{11}N$	5-Ethyl-2-vinylpyridine. 766
C_9H_{12}	Cumene. B.p. 152.8 767, 1706, 1869, 2115, 2470, 2604, 2698, 3039, 3224, 3481, 3744, 4173, 4371 4612, 4711, 4755, 5087, 5230, 5449, 5647, 6009, 6190, 6422, 6528, 6617, 7097, 7484, 7649, 7819, 8199, 8381, 8403, 8482, 8803, 8969, 9356, 9549, 9608, 9886, 10006, 10409, 10474, 10970, 11203, 11372, 11534, 11669, 11749, 12023, 12079, 12116, 12177, 12251, 12552, 12796, 12819, 13069, 13257, 13625, 13640, 13666, 13680, 13729, 13744, 13750, 13819, 13834, 14105, 14231, 14676, 14681, 14719, 14759, 14822, 15006-15008, 16551, 5510a
C_9H_{12}	<i>m</i> -Ethyltoluene. B.p. 161.3 10054, 11923, 14892
C_9H_{12}	<i>o</i> -Ethyltoluene. B.p. 165.1 8483, 10055
C_9H_{12}	<i>p</i> -Ethyltoluene. B.p. 162.0 10056
C_9H_{12}	Mesitylene. B.p. 164.6 768, 1707, 1870, 2116, 2471, 2632, 2699, 2930, 3040, 3225, 3482, 3559, 3745, 4174, 4372, 4613, 4712, 4763, 5128, 5231, 5291, 5648, 6010, 6191, 6423, 6529, 6618, 6720, 7098, 7162, 7235, 7293, 7485, 7650, 7820, 8200, 8382, 8484, 8804, 8970, 9025, 9079, 9122, 9357, 9465, 9550, 9609, 9729,

Formula	Name and System No.
C_9H_{12}	Mesitylene (<i>continued</i>) 9887, 10007, 10057, 10410, 10475, 10566, 10971, 11204, 11373, 11438, 11535, 11579, 11607, 11750, 11872, 11960, 12024, 12044, 12080, 12178, 12252, 12303, 12761, 12797, 12820, 13070, 13110, 13256, 13477, 13577, 13641, 13769, 13792, 14127, 14232, 14371, 14530, 14590, 14609, 14640, 14660, 14671, 14682, 14728, 14760, 14803, 14811, 15009-15023, 16455, 16457, 16529
C_9H_{12}	Propylbenzene. B.p. 158.9 1414, 1708, 2117, 2633, 2700, 3041, 3226, 3560, 4175, 4373, 4614, 4713, 5232, 5649, 6011, 6192, 6424, 6530, 6619, 6721, 7099, 7163, 7221, 7486, 7651, 7821, 8201, 8383, 8485, 8806, 9080, 9123, 9144, 9358, 9466, 9551, 9610, 9730, 9888, 10008, 10476, 10567, 10972, 11205, 11439, 11580, 11608, 11657, 11751, 12025, 12117, 12180, 12253, 12304, 12762, 13258, 13578, 13626, 13770, 13835, 14233, 14372, 14531, 14591, 14610, 14641, 14683, 14729, 14761, 15009, 15024-15027, 10882a
C_9H_{12}	Pseudocumene. B.p. 168.2 2472, 2701, 3746, 4374, 4987, 5233, 5510, 5650, 6193, 7100, 7487, 7652, 7822, 8202, 8486, 8805, 9026, 9081, 9359, 9552, 9611, 9889, 10009, 10058, 10353, 10411, 10973, 11206, 11374, 11440, 11536, 11609, 11752, 11873, 12081, 12179, 12254, 12305, 12763, 12798, 12821, 13259, 13642, 13992, 14169, 14234, 14592, 14642, 15010, 15028-15034
C_9H_{12}	1,2,3-Trimethylbenzene. B.p. 176.6 10059
$C_9H_{12}O$	Benzyl ethyl ether. B.p. 185.0 3747, 4375, 4524, 4615, 4719, 6012, 6194, 7488, 7653, 7756, 8807, 9082, 9467, 10060, 10162, 10354, 10412, 10497, 10688, 10974, 11207, 11299, 11441, 11537, 11581, 11753, 11874, 11961, 12082, 12181, 12306, 12481, 12553, 12840, 13260, 13458, 13579, 13643, 13771, 13793, 13968, 13993, 14373, 14730, 14762, 14804, 14849, 15035-15042
$C_9H_{12}O$	α,α -Dimethylbenzyl alcohol. 768a, 4375a
$C_9H_{12}O$	Mesitol. B.p. 220.5 7340, 10610, 14283, 14331, 14829, 15043, 15044
$C_9H_{12}O$	3-Phenylpropanol. B.p. 235.6 3748, 4376, 6013, 6722, 8562, 10220, 10759, 10824, 11048, 11098, 11266, 12897, 12952, 12992, 13441, 14062, 14284, 14346, 14430, 14439, 14457, 14705, 14869, 14917, 15045-15072
$C_9H_{12}O$	Phenyl propyl ether. B.p. 190.2 769, 3749, 4377, 4616, 6195, 6723, 7489, 8563, 9360, 9468, 10163, 10975, 11208, 11875, 11962, 12639, 12659, 13111, 13180, 13345, 14398, 14731, 14763, 15073, 15074
$C_9H_{12}OS$	2-Benzylthioethanol. 15075
$C_9H_{12}O_2$	2-Benzyloxyethanol. B.p. 265.2 3750, 12993, 13847, 14458, 14830, 14893, 15045, 15076-15091
$C_9H_{12}O_2$	Bicyclo(2.2.1)-hept-5-ene-2-ol acetate. B.p. 188.6 770
$C_9H_{13}N$	<i>N,N</i> -Dimethyl- <i>m</i> -toluidine. B.p. 203.1 6014
$C_9H_{13}N$	<i>N,N</i> -Dimethyl- <i>o</i> -toluidine. B.p. 185.3 2473, 3751, 4378, 4617, 6015, 6670, 8893, 10010, 10061, 10136, 10164, 10355, 10413, 10689, 10760, 10976, 11209, 11682, 11754, 12182, 12255, 12353, 12660, 12687, 12822, 13112, 13181, 13261, 13346, 13419, 13523, 13644, 13820, 13913, 14170, 14235, 14361, 14732, 14764, 14850, 15011, 15024, 15028, 15073, 15092-15102

Formula	Name and System No.
C ₉ H ₁₃ N	<i>N,N</i> -Dimethyl- <i>p</i> -toluidine. B.p. 210.2 3752, 4379, 4618, 6016, 6671, 10062, 10165, 10221, 10761, 12354, 12953, 13113, 13182, 13262, 13347, 13914, 14148, 14199, 14285, 14332, 14765, 14937, 15103-15108
C ₉ H ₁₃ NO	5-Ethyl-2-pyridine ethanol. 771
C ₉ H ₁₄ O	Isophorone. B.p. 215.2 772, 15109
C ₉ H ₁₄ O	Phorone. B.p. 197.8 3753, 4380, 6017, 6196, 7757, 9469, 10063, 10166, 10690, 10762, 10825, 10977, 11610, 11876, 12554, 12717, 12841, 13183, 13263, 13348, 13420, 13560, 13580, 13969, 13994, 14691, 14733, 14851, 15110-15118
C ₉ H ₁₄ OSi	Trimethylsilyloxybenzene. B.p. 181.9 10978
C ₉ H ₁₅ O	1-Methyl-2,5-endomethylenecyclohexane-1-methanol. B.p. 211.2 773
C ₉ H ₁₅ N	Triallylamine. B.p. 151.1 774
C ₉ H ₁₆	<i>cis</i> -Hexahydroindan. B.p. 167.7 12256
C ₉ H ₁₆ O	5-Ethyl-3-heptene-2-one. B.p. 193.5 775
C ₉ H ₁₆ O ₂	2,2-Bis(allyloxy)propane. 16048, 16440
C ₉ H ₁₆ O ₂	2-Ethylbutyl acrylate. 12138
C ₉ H ₁₆ O ₂	Hexyl acrylate. 12183
C ₉ H ₁₆ O ₄	Dimethyl pimelate. B.p. 248.9 776
C ₉ H ₁₈	Nonanaphthene. B.p. 136.7 3227
C ₉ H ₁₈	Butylcyclopentane. B.p. 156.56 8487
C ₉ H ₁₈	Isobutylcyclopentane. B.p. 147.6 8488
C ₉ H ₁₈	Isopropylcyclohexane. B.p. 154.5 8489
C ₉ H ₁₈	1-Nonene. B.p. 146.87 777, 1872, 8490, 15888
C ₉ H ₁₈	Propylcyclohexane. B.p. 156.72 8491, 15119
C ₉ H ₁₈	1,1,3-Trimethylcyclohexane. B.p. 136.6 6620
C ₉ H ₁₈ O	2,6-Dimethyl-4-heptanone. B.p. 168.0 778, 2118, 2474, 3228, 3362, 3754, 4381, 4683, 5234, 6018, 7236, 7490, 7654, 8059, 8971, 9027, 9361, 9553, 10011, 10414, 10979, 11402, 11442, 11755, 11808, 12026, 12118, 12184, 12555, 12799, 12823, 13264, 13645, 13772, 14611, 14638, 14643, 14661, 14805, 14812, 15120, 15121
C ₉ H ₁₈ O	2-Ethylheptanal. 14116

Formula	Name and System No.
$C_9H_{18}O_2$	Butyl isovalerate. B.p. 177.6 779, 2256, 2702, 4382, 6197, 7294, 8808, 9083, 9470, 10691, 10980, 11494, 11538, 11582, 12482, 12688, 12718, 12764, 13265, 13349, 14171, 14236, 14766, 14806, 14816, 15035, 15122-15130
$C_9H_{18}O_2$	Ethyl enanthate. B.p. 188.7 780, 2703, 3755, 4383, 4525, 6198, 10612, 10981, 11539, 12689, 13266, 13350, 14734, 14852, 15131-15133
$C_9H_{18}O_2$	2-Heptyl acetate. B.p. 176.4 781
$C_9H_{18}O_2$	3-Heptyl acetate. B.p. 173.8 782
$C_9H_{18}O_2$	Isoamyl butyrate. B.p. 178.5 783, 2257, 2704, 3756, 4384, 4526, 5235, 5292, 6019, 6199, 7164, 7491, 7758, 9028, 9084, 9362, 9471, 10064, 10415, 10498, 10568, 10692, 10982, 11443, 11540, 11583, 12027, 12257, 12308, 12483, 12556, 12640, 12690, 12719, 12765, 12824, 13184, 13267, 13351, 13773, 13794, 14128, 14172, 14237, 14532, 14593, 14652, 14767, 14853, 15012, 15036, 15122, 15134-15147
$C_9H_{18}O_2$	Isoamyl isobutyrate. B.p. 168.9 784, 2475, 3561, 3757, 4385, 4988, 5236, 6020, 6200, 7101, 7295, 7492, 8809, 9612, 10416, 10983, 11444, 11495, 12083, 12258, 12484, 12557, 12691, 14173, 14238, 14533, 14612, 14768, 14817, 15013, 15120, 15148-15153
$C_9H_{18}O_2$	Isobutyl isovalerate. B.p. 171.2 785, 1600, 2258, 2476, 2705, 3758, 4386, 4989, 5129, 5237, 5293, 6021, 6201, 7165, 7296, 7493, 7759, 8810, 9029, 9085, 9124, 9363, 10065, 10356, 10417, 10477, 10569, 10984, 11445, 11496, 11541, 11756, 12028, 12084, 12104, 12119, 12185, 12259, 12307, 12485, 12558, 12661, 12692, 12767, 12800, 12825, 13071, 13268, 13646, 13774, 13821, 14129, 14174, 14239, 14534, 14594, 14613, 14644, 14769, 14807, 14818, 14854, 15014, 15029, 15121, 15123, 15134, 15148, 15154-15166
$C_9H_{18}O_2$	Isobutyl valerate. B.p. 171.35 10985
$C_9H_{18}O_2$	Methyl caprylate. B.p. 192.9 786, 2706, 3759, 4387, 6202, 11300, 11446, 11542, 11877, 13269, 13352, 13581, 13745, 15110, 15167-15170
$C_9H_{18}O_2$	Pelargonic acid. B.p. 254 4778, 10222, 11049, 12898, 15171-15186
$C_9H_{18}O_3$	β -(2-Ethylbutyloxy)propionic acid. 787
$C_9H_{18}O_3$	Isobutyl carbonate. B.p. 190.3 788, 2259, 2707, 4388, 5238, 6022, 6203, 6724, 10418, 10613, 10693, 10986, 11611, 11878, 12559, 12641, 12662, 12693, 12720, 12768, 13114, 13185, 13270, 13353, 13582, 13775, 13970, 13995, 14240, 14735, 14770, 14855, 15015, 15111, 15187-15194
$C_9H_{19}NO$	<i>N,N</i> -Dimethylheptamide. 13695
C_9H_{20}	3,3-Diethylpentane. B.p. 146.17 8492
C_9H_{20}	2-Methyloctane. B.p. 135.2 3229

Formula	Name and System No.
C_9H_{20}	Nonane. B.p. 150.7 789, 1873, 2119, 2812, 3230, 5482, 5651, 5722, 6269, 6293, 7023, 8203, 8493, 8705, 8870, 11210, 11250, 12433, 13894, 14106, 14118, 14120, 14721 15006, 15195, 15889, 16056, 16149, 16209, 16372, 16376, 16382, 16494, 16564, 16565, 13462a
C_9H_{20}	2,2,3,3-Tetramethylpentane. B.p. 140.27 8494
C_9H_{20}	2,2,4,4-Tetramethylpentane. B.p. 122.28 8495
C_9H_{20}	2,3,3,4-Tetramethylpentane. B.p. 141.55 8496
C_9H_{20}	2,2,3,4-Tetramethylpentane. B.p. 133.02 6621
C_9H_{20}	2,2,3-Trimethylhexane. B.p. 133.60 8497
C_9H_{20}	2,2,4-Trimethylhexane. B.p. 126.54 8498
C_9H_{20}	2,3,3-Trimethylhexane. B.p. 137.68 8499
C_9H_{20}	2,2,5-Trimethylhexane. B.p. 120.1 2813, 9788, 9890, 14107, 1168c
C_9H_{20}	2,3,4-Trimethylhexane. B.p. 139.0 6622, 13875
C_9H_{20}	2,3,5-Trimethylhexane. B.p. 131.34 6623, 8500
C_9H_{20}	2,4,4-Trimethylhexane. B.p. 130.65 8501
C_9H_{20}	3,3,4-Trimethylhexane. B.p. 140.46 8502
$C_9H_{20}O$	2,6-Dimethyl-4-heptanol. B.p. 178.1 790, 15196
$C_9H_{20}O_2$	Dibutoxymethane. B.p. 181.8 791, 8205, 16150
$C_9H_{20}O_2$	Diisobutoxymethane. B.p. 163.8 792, 8204, 8384, 9731, 14662, 16189
$C_9H_{20}O_2$	2-Ethyl-2-butyl-1,3-propanediol. 793
$C_9H_{20}O_3$	1(2-Butoxyethoxy)-2-propanol. B.p. 230.3 794
$C_9H_{20}O_3$	2(2-Isoamyloxyethoxy)ethanol. 13876
$C_9H_{20}O_3$	2-Methoxymethyl-2,4-dimethyl-1,5-pentanediol. 795
$C_9H_{20}O_3$	1,1,3-Triethoxypropane. 796
$C_9H_{20}O_4$	Tripropylene glycol. 15197-15199
$C_9H_{21}BO_3$	Isopropyl borate. B.p. 140.8 6425
$C_9H_{21}N$	<i>N</i> -Methyldibutylamine. B.p. 163.1 797
$C_9H_{21}N$	Tripropylamine. B.p. 156 798

Formula	Name and System No.
$C_9H_{21}NO_2$	1,1'-Isopropyliminodi-2-propanol. B.p. 248.6 799
$C_9H_{21}NO_3$	1,1'1''-Nitrilotri-2-propanol. 12429
$C_9H_{21}NO_4$	2(2(2(3-Aminopropoxy)ethoxy)ethoxy)ethanol. 800
$C_{10}H_7Br$	1-Bromonaphthalene. B.p. 281.8 3760, 4389, 6023, 6725, 8564, 11050, 11099, 12366, 12590, 13848, 14107, 15171, 15200-15213
$C_{10}H_7Cl$	1-Chloronaphthalene. B.p. 262.7 3761, 4390, 6024, 6726, 8565, 10280, 11051, 11100, 11879, 12367, 12449, 12591, 12994, 13186, 13696, 13849, 13930, 14018, 14347, 14459, 14623, 14794, 14870, 15076, 15172, 15214-15237
$C_{10}H_8$	Naphthalene. B.p. 218.1 66, 801, 2390, 2634, 2708, 3483, 3762, 4391, 4619, 4764, 4779, 5239, 5294, 6025, 6672, 6727, 7102, 7494, 7760, 8566, 8811, 8986, 9086, 9364, 9472, 10066, 10137, 10223, 10261, 10614, 10763, 10826, 10987, 11101, 11211, 11301, 11336, 11447, 11543, 11612, 11757, 11880, 11963, 12309, 12328, 12355, 12450, 12515, 12560, 12592, 12842, 12899, 12954, 13115, 13187, 13271, 13305, 13354, 13421, 13442, 13478, 13502, 13524, 13548, 13561, 13583, 13697, 13850, 13915, 13948, 13971, 13996, 14019, 14063, 14090, 14149, 14200, 14286, 14333, 14348, 14362, 14374, 14399, 14417, 14431, 14440, 14482, 14509, 14551, 14573, 14624, 14692, 14736, 14795, 14831, 14871, 14894, 14918, 14938, 14947, 14964, 15043, 15046, 15077, 15092, 15103, 15173, 15238-15271, 15833, 16545-16548
$C_{10}H_8N_2$	2,2'-Dipyridyl. B.p. 274 8871
$C_{10}H_8O$	1-Naphthol. B.p. 288 3763, 8567, 11102, 11267, 13851, 14020, 15200, 15214, 15272-15288
$C_{10}H_8O$	2-Naphthol. B.p. 290 3764, 11103, 11130, 15201, 15215, 15289-15295
$C_{10}H_9N$	1-Naphthylamine. B.p. 300.8 3765, 6026, 15272, 15298-15301
$C_{10}H_9N$	2-Naphthylamine. B.p. 306.1 15273, 15302, 15303
$C_{10}H_9N$	Quinaldine. B.p. 246.5 3766, 6027, 8568, 10305, 11053, 12329, 13852, 14287, 14796, 14825, 15296, 15304-15306
$C_{10}H_9N$	4-Methylquinoline. B.p. 265.6 15296, 15297
$C_{10}H_9N$	7-Methylquinoline. B.p. 257.7 15297
$C_{10}H_{10}O_2$	Isosafrole. B.p. 252.0 802, 3767, 4392, 6028, 6728, 8732, 10281, 11054, 11104, 11268, 12330, 12368, 12593, 12995, 13443, 13853, 13931, 14021, 14349, 14441, 14460, 14832, 14872, 14895, 14983, 15047, 15078, 15174, 15216, 15307-15323
$C_{10}H_{10}O_2$	Methyl cinnamate. B.p. 261.9 803, 3768, 4393, 6029, 6729, 8570, 10615, 11055, 11105, 12369, 12594, 13854, 13932, 14022, 14873, 14896, 15079, 15202, 15217, 15274, 15307, 15324-15339
$C_{10}H_{10}O_2$	Safrole. B.p. 235.9 804, 3769, 4394, 6030, 6730, 8571, 8987, 10282, 10306, 10616, 10988, 11056, 11269, 12331, 12370, 12595, 12900, 12955, 12996, 13116, 13444,

Formula	Name and System No.
$C_{10}H_{10}O_2$	Safrole (<i>continued</i>) 13698, 13855, 13879, 13933, 14064, 14091, 14201, 14442, 14461, 14483, 14510, 14552, 14625, 14833, 14874, 14897, 14919, 14984, 15048, 15080, 15175, 15238, 15304, 15340-15364
$C_{10}H_{10}O_4$	Methyl phthalate. B.p. 283.2 805, 3770, 4395, 6031, 6731, 8572, 11106, 12371, 13856, 14023, 15203, 15218, 15289, 15365-15374
$C_{10}H_{12}$	1,2,3,4-Tetrahydronaphthalene. 806
$C_{10}H_{12}O$	Anethole. B.p. 235.7 807, 3771, 4396, 6032, 6732, 8573, 8988, 10617, 11057, 11270, 12332, 12372, 12596, 13117, 13857, 14024, 14202, 14443, 14462, 14484, 14511, 14626, 14834, 14875, 14920, 15049, 15239, 15340, 15375-15387
$C_{10}H_{12}O$	Estragole. B.p. 215.6 808, 3772, 4397, 6733, 10224, 11337, 12356, 12451, 12737, 13188, 13422, 14965, 15388
$C_{10}H_{12}O_2$	Ethyl α -toluate. B.p. 228.75 809, 3773, 4398, 6033, 6205, 6734, 8574, 10225, 10307, 10499, 10618, 10827, 11058, 12452, 12998, 13189, 13355, 13699, 14065, 14203, 14288, 14485, 14553, 14627, 14921, 14985, 15050, 15240, 15341, 15389-15407
$C_{10}H_{12}O_2$	Eugenol. B.p. 255 3774, 4399, 6034, 6735, 11059, 11107, 11271, 12597, 12997, 13880, 14025, 14835, 15051, 15081, 15176, 15219, 15308, 15324, 15408-15421
$C_{10}H_{12}O_2$	Isoeugenol. B.p. 268.8 3775, 4400, 6736, 11108, 11272, 13881, 14026, 14876, 14898, 15220, 15325, 15422-15433
$C_{10}H_{12}O_2$	Propyl benzoate. B.p. 230.85 810, 3776, 4401, 4780, 6035, 6206, 6737, 8575, 8989, 10226, 10262, 10308, 10500, 10619, 10828, 11060, 12453, 12598, 12901, 12956, 12999, 13356, 13858, 14066, 14150, 14204, 14289, 14512, 14922, 14986, 15052, 15241, 15342, 15375, 15389, 15434-15448
$C_{10}H_{12}O_3$	2-Phenoxyethyl acetate. B.p. 260.6 811
$C_{10}H_{14}$	Butylbenzene. B.p. 183.1 2260, 2391, 2635, 2709, 3042, 3777, 4402, 4620, 5146, 5240, 5652, 6207, 6426, 6532, 6738, 7103, 7297, 9495, 7655, 7761, 8207, 8576, 8812, 9087, 9365, 9554, 9891, 10012, 10067, 10419, 10501, 10694, 10989, 11212, 11302, 11448, 11544, 11651, 11758, 12029, 12186, 12260, 12357, 12561, 12663, 12721, 13190, 13357, 13503, 13525, 13647, 14175, 14535, 14595, 14771, 14808, 15112, 15131, 15135, 15154, 15167, 15449-15458, 16551
$C_{10}H_{14}$	<i>sec</i> -Butylbenzene. B.p. 173.1 10068, 10990, 12261
$C_{10}H_{14}$	<i>tert</i> -Butylbenzene. B.p. 168.5 10069, 12262
$C_{10}H_{14}$	Cymene. B.p. 176.7 2120, 2261, 2392, 2477, 2636, 2710, 2931, 3231, 3485, 3778, 4176, 4403, 4621, 4765, 4990, 5130, 5147, 5241, 5295, 5653, 6036, 6208, 6427, 6531, 6624, 6739, 7104, 7166, 7298, 7496, 7656, 7823, 8206, 8385, 8503, 8577, 8813, 9030, 9088, 9125, 9366, 9473, 9555, 9892, 10013, 10070, 10420, 10570, 10695, 10991, 11213, 11449, 11497, 11545, 11652, 11658, 11759, 11881, 11964, 12030, 12085, 12120, 12263, 12310, 12562, 12694, 12722, 12769, 12826, 13118, 13191, 13272, 13358, 13479, 13526, 13584, 13648, 13776, 13795, 13822, 13972, 13997, 14176, 14241, 14375, 14536, 14596, 14614, 14663, 14737, 14772, 14856, 15016, 15030, 15037, 15093, 15136, 15149, 15155, 15449, 15459-15468, 16497

Formula	Name and System No.
C ₁₀ H ₁₄	Dicyclopentadiene. B.p. 172 812
C ₁₀ H ₁₄	<i>m</i> -Diethylbenzene. B.p. 181.13 10071
C ₁₀ H ₁₄	<i>p</i> -Diethylbenzene. B.p. 183.78 10072
C ₁₀ H ₁₄	5-Ethyl- <i>m</i> -xylene. B.p. 183.75 10073
C ₁₀ H ₁₄	Isobutylbenzene. B.p. 172.76 10074, 15469
C ₁₀ H ₁₄	1,2,3,5-Tetramethylbenzene. B.p. 197.93 10075
C ₁₀ H ₁₄ N ₂	Nicotine. B.p. 247.5 813, 14093, 15343, 15470, 15471
C ₁₀ H ₁₄ O	Carvacrol. B.p. 237.85 3779, 6037, 6740, 8578, 8991, 10227, 10263, 10283, 10309, 10829, 11061, 12600, 12902, 12957, 13000, 13445, 13700, 13882, 13934, 14205, 14432, 14444, 14463, 14513, 14628, 14693, 14836, 14877, 14939, 14987, 15053, 15221, 15242, 15305, 15344, 15376, 15390, 15434, 15472-15489
C ₁₀ H ₁₄ O	Carvone. B.p. 231 3780, 4404, 6038, 6741, 10228, 10264, 10311, 10620, 11062, 12454, 12599, 12903, 13001, 13192, 13359, 13701, 14067, 14094, 14206, 14445, 14464, 14514, 14889, 14988, 15054, 15243, 15345, 15377, 15391, 15408, 15435, 15472, 15490-15504
C ₁₀ H ₁₄ O	Thymol. B.p. 232.9 3781, 4405, 4781, 6039, 6742, 8579, 8990, 10138, 10229, 10265, 10284, 10310, 10621, 10764, 10830, 11063, 12455, 12601, 12904, 12958, 13002, 13119, 13446, 13562, 13916, 13935, 14068, 14207, 14290, 14334, 14400, 14420, 14446, 14465, 14486, 14515, 14554, 14574, 14629, 14694, 14738, 14837, 14878, 14900, 14923, 14940, 14948, 14966, 14989, 15055, 15113, 15177, 15222, 15244, 15306, 15309, 15326, 15346, 15378, 15392, 15436, 15470, 15473, 15490, 15505-15531
C ₁₀ H ₁₄ O ₂	<i>m</i> -Diethoxybenzene. B.p. 235.0 814, 3782, 4406, 6040, 6743, 10230, 10622, 10831, 11064, 12602, 13447, 14069, 14487, 14838, 14924, 15056, 15393, 15469, 15471, 15491, 15505, 15532-15537
C ₁₀ H ₁₄ O ₂	Ethyl bicyclo[2.2.1]hept-5-ene-2-carboxylate. B.p. 198 815
C ₁₀ H ₁₄ O ₃	2(2-Phenoxyethoxy)ethanol. B.p. 297.9 816
C ₁₀ H ₁₅ N	Butylaniline. B.p. 240.4 817
C ₁₀ H ₁₅ N	<i>N</i> -Ethyl- α -methylbenzylamine. B.p. 201.2 818
C ₁₀ H ₁₅ N	<i>N,N</i> , α -Trimethylbenzylamine. B.p. 195.8 819
C ₁₀ H ₁₅ N	<i>N,N</i> -Diethylaniline. B.p. 217.05 3783, 4407, 4622, 4782, 6041, 8733, 10076, 10231, 10765, 12358, 12456, 12905, 12959, 13120, 13193, 13273, 13360, 13423, 13823, 13917, 14151, 14208, 14291, 14335, 14363, 14739, 14773, 14901, 14925, 14941, 14967, 15057, 15114, 15245, 15347, 15379, 15474, 15492, 15506, 15532, 15538- 15553
C ₁₀ H ₁₅ NO	2(α -Methylbenzylamino)ethanol. 820

Formula	Name and System No.
$C_{10}H_{16}$	Camphene. B.p. 159.6 821, 1415, 1709, 2121, 2478, 2711, 3943, 3232, 3486, 3784, 4177, 4408, 4623, 4991, 5242, 5296, 5450, 5654, 6042, 6209, 6428, 6533, 6625, 6744, 7049, 7105, 7167, 7222, 7497, 7657, 7824, 8208, 8386, 8504, 8814, 8972, 9031, 9089, 9126, 9367, 9474, 9556, 9613, 9687, 9732, 9893, 10014, 10421, 10478, 10992, 11138, 11214, 11375, 11450, 11498, 11546, 11613, 11659, 11670, 11760, 11835, 12031, 12045, 12086, 12121, 12187, 12264, 12311, 12426, 12563, 12770, 12801, 12827, 13072, 13121, 13274, 13480, 13585, 13627, 13649, 13730, 13777, 13796, 13824, 13836, 13998, 14130, 14242, 14376, 14537, 14597, 14615, 14645, 14664, 14677, 14685, 14740, 14774, 14813, 14819, 15017, 15025, 15094, 15124, 15137, 15150, 15156, 15187, 15459, 15554-15560, 16601
$C_{10}H_{16}$	Dipentene. B.p. 177.7 2479, 3044, 3785, 4626, 5131, 5148, 6043, 7168, 7299, 8822, 9032, 9475, 10015, 10077, 10357, 10696, 11215, 11303, 11451, 11547, 11585, 11653, 11965, 12265, 12312, 12359, 12664, 12828, 13481, 13586, 13650, 13778, 13825, 14243, 14377, 14538, 14598, 14790, 14857, 15038, 15132, 15151, 15168, 15188, 15460, 15554, 15561-15565
$C_{10}H_{16}$	<i>d</i> -Limonene. B.p. 177.8 1710, 2122, 2262, 2393, 2712, 3786, 4178, 4409, 4527, 4992, 5243, 5297, 5451, 5655, 6044, 6210, 6429, 6534, 6745, 7106, 7498, 7658, 7825, 8209, 8387, 8815, 9033, 9090, 9368, 9557, 9894, 10422, 10571, 10993, 11216, 11452, 11548, 11614, 11646, 11761, 11882, 11966, 12087, 12122, 12188, 12313, 12564, 12695, 12723, 12771, 13122, 13194, 13275, 13361, 13482, 13587, 13608, 13797, 13949, 13973, 13999, 14244, 14378, 14539, 14555, 14575, 14599, 14616, 14741, 14775, 14858, 15125, 15138, 15157, 15189, 15461, 15566-15572, 16350, 16351, 16415, 16427, 16429-16431, 16456, 16496, 16498, 16504, 16514, 16517, 16521, 16524, 16525, 16527, 16528, 16530, 16532, 16536, 16539, 16541, 16549
$C_{10}H_{16}$	Nopinene. B.p. 163.8 1417, 2481, 2713, 3787, 4410, 5244, 5298, 5656, 6045, 6626, 6747, 7107, 7169, 7237, 7499, 7659, 7826, 8210, 8388, 8505, 8817, 9091, 9369, 9476, 9558, 9614, 9688, 9733, 10078, 10358, 10423, 10479, 10994, 11217, 11376, 11453, 11549, 11836, 11883, 12032, 12046, 12088, 12123, 12189, 12266, 12565, 12772, 12802, 12829, 13073, 13195, 13276, 13362, 13483, 13588, 13731, 13779, 13798, 13826, 13837, 14000, 14131, 14245, 14379, 14617, 14665, 14672, 14686, 14742, 14776, 15018, 15026, 15126, 15139, 15462, 15556, 15573, 15574, 16457, 16529
$C_{10}H_{16}$	α -Phellandrene. B.p. 171.5 2714, 5246, 5657, 7108, 7500, 7661, 9034, 9370, 9895, 10995, 11139, 11218, 11454, 11762, 12089, 12566, 12773, 13277, 14777, 15575
$C_{10}H_{16}$	α -Pinene. B.p. 155.8 1416, 2123, 2480, 2715, 3233, 3788, 4179, 4411, 4624, 4947, 4993, 5088, 5132, 5247, 5299, 5452, 5658, 6046, 6430, 6535, 6627, 6746, 7050, 7109, 7170, 7223, 7332, 7501, 7660, 7827, 8211, 8287, 8389, 8506, 8816, 8973, 9035, 9092, 9127, 9371, 9477, 9559, 9616, 9689, 9734, 9810, 9896, 10016, 10424, 10480, 10572, 10996, 11140, 11219, 11304, 11377, 11455, 11499, 11550, 11615, 11660, 11671, 11763, 11837, 12033, 12047, 12090, 12124, 12190, 12267, 12314, 12567, 12803, 12830, 13074, 13123, 13278, 13363, 13484, 13589, 13628, 13651, 13667, 13674, 13681, 13732, 13751, 13758, 13799, 14246, 14380, 14540, 14576, 14600, 14618, 14646, 14666, 14673, 14678, 14720, 14743, 14778, 14814, 14820, 15007, 15019, 15027, 15095, 15127, 15133, 15152, 15158, 15190, 15555, 15561, 15576-15578, 16452, 16454, 16458-16460, 16473, 16474, 16500, 16502, 16503, 16526, 16531

Formula	Name and System No.
$C_{10}H_{16}$	α -Terpinene. B.p. 173.4 2268, 2482, 2716, 3234, 3487, 3789, 4180, 4412, 4625, 5245, 5300, 5659, 6047, 6211, 6431, 6536, 6748, 7111, 7171, 7238, 7502, 7662, 7828, 8507, 8818, 9093, 9372, 9478, 9615, 10017, 10079, 10359, 10425, 10573, 10697, 10997, 11220, 11305, 11378, 11456, 11551, 11616, 11764, 12034, 12091, 12125, 12191, 12268, 12568, 12665, 12696, 12724, 12774, 12804, 12831, 13075, 13124, 13196, 13279, 13364, 13485, 13590, 13652, 13780, 13827, 13974, 14001, 14132, 14177, 14247, 14381, 14541, 14601, 14619, 14647, 14674, 14688, 14744, 14779, 15020, 15140, 15159, 15450, 15463, 15562, 15573, 15576, 15579-15582
$C_{10}H_{16}$	α -Terpinene. B.p. 183 3790, 4413, 5248, 5301, 6212, 7112, 7503, 8819, 9373, 9479, 10426, 11221, 11552, 11617, 11765, 12569, 12697, 12725, 12775, 13365, 13950, 13975, 14002, 14248, 14556, 14602, 14745, 14949, 15141, 15160, 15583- 15585
$C_{10}H_{16}$	Terpinene. B.p. 181.5 2718, 7110, 9036, 9094, 9374, 10427, 10698, 10998, 11457, 11766, 13125, 13280, 13366, 13591, 13800, 14780, 15566, 16518, 16537, 16540, 16550
$C_{10}H_{16}$	Terpinolene. B.p. 185 2264, 2717, 3791, 4414, 5249, 5302, 5660, 6749, 7113, 7300, 7504, 8820, 9095, 9375, 9480, 9560, 9897, 10018, 10428, 10999, 11065, 11222, 11458, 11553, 11618, 11767, 11884, 12035, 12570, 12698, 12726, 12776, 13126, 13281, 13367, 13454, 13486, 13549, 13801, 14178, 14382, 14401, 14781, 15142, 15161, 15451, 15586, 15587
$C_{10}H_{16}$	Terpinylene. B.p. 175 7114, 7505
$C_{10}H_{16}$	Thymene. B.p. 179.7 1711, 2124, 2265, 3792, 4181, 4415, 5250, 5303, 5661, 6432, 6750, 7115, 7506, 7663, 8212, 8390, 8821, 9096, 9376, 9561, 9898, 10429, 11000, 11223, 11554, 11619, 11768, 11885, 12699, 12727, 12777, 13127, 13197, 13282, 13368, 14003, 14383, 14557, 14746, 14782, 15588-15593
$C_{10}H_{16}O$	Camphor. B.p. 209.1 3793, 4416, 5847, 6048, 6213, 6673, 8580, 10080, 10139, 10502, 10623, 10766, 10832, 11001, 11224, 11886, 11967, 12516, 12843, 12960, 13128, 13198, 13283, 13369, 13424, 13504, 13527, 13550, 13592, 13951, 13976, 14261, 14292, 14336, 14384, 14402, 14421, 14488, 14558, 14695, 14747, 14950, 14968, 15096, 15246, 15388, 15507, 15538, 15594-15603
$C_{10}H_{16}O$	Carvenone. B.p. 234.5 3794, 11002, 14447, 14466, 15394, 15437, 15475, 15508, 15604, 15605
$C_{10}H_{16}O$	Citral. B.p. 226 15247, 15438, 15539, 15606, 15607
$C_{10}H_{16}O$	Dicyclopentenol. 822
$C_{10}H_{16}O$	Fenchone. B.p. 193 2266, 3235, 3795, 6214, 10699, 10767, 10833, 11003, 11225, 11459, 12571, 12642, 12728, 12844, 13284, 13370, 13425, 14385, 15039, 15608
$C_{10}H_{16}O$	Menthenone. B.p. 222.5 15348, 15409, 15476
$C_{10}H_{16}O$	Pulegone. B.p. 223.8 3796, 4417, 4783, 6049, 10232, 10768, 11066, 12742, 12906, 12961, 13371, 13505, 14070, 14209, 14337, 14448, 14489, 14516, 14559, 14951, 14979, 14990, 15248, 15349, 15380, 15395, 15439, 15477, 15509, 15540, 15609- 15617

Formula	Name and System No.
C ₁₀ H ₁₆ O	Trimethyltetrahydrobenzaldehyde. B.p. 204.5 823
C ₁₀ H ₁₆ O ₄	Diisopropyl maleate. B.p. 228.7 824
C ₁₀ H ₁₇ Cl	Bornyl chloride. B.p. 207.5 3797, 7507, 10624, 10769, 11620, 11887, 12962, 13285, 13372, 13593, 13977, 14577, 14696, 14952, 14969, 15249, 15609, 15618
C ₁₀ H ₁₈	Decahydronaphthalene. 15619
C ₁₀ H ₁₈	<i>m</i> -Menthene-8. B.p. 170.8 2483, 4418, 7116, 9037, 9097, 11004, 11141, 11226, 11460, 11555, 11769, 12778, 12832, 15031, 15162, 16533
C ₁₀ H ₁₈ O	Borneol. B.p. 213.4 3798, 4419, 4784, 6050, 6215, 7762, 10081, 10140, 10233, 10625, 10770, 10834, 11005, 11306, 11338, 12517, 12907, 12963, 13003, 13129, 13199, 13286, 13373, 13426, 13487, 13506, 13528, 13551, 13918, 13952, 13978, 14004, 14071, 14210, 14293, 14314, 14338, 14364, 14386, 14403, 14490, 14560, 14706, 14859, 14942, 14953, 14970, 14980, 14991, 15097, 15250, 15350, 15452, 15493, 15510, 15541, 15567, 15577, 15588, 15595, 15610, 15620-15626
C ₁₀ H ₁₈ O	Cineol. B.p. 176.35 825, 1601, 2267, 2484, 2719, 3799, 4420, 4627, 5304, 5662, 6051, 6216, 7117, 7172, 7301, 7508, 7664, 7763, 8508, 8823, 8974, 9038, 9098, 9377, 9481, 10019, 10082, 10360, 10430, 11006, 11227, 11307, 11461, 11500, 11556, 11621, 11661, 11770, 11968, 12036, 12092, 12192, 12269, 12315, 12333, 12360, 12427, 12486, 12572, 12666, 12700, 12729, 12779, 12833, 13287, 13374, 13459, 13488, 13529, 13653, 13781, 13802, 13828, 14005, 14179, 14249, 14387, 14542, 14603, 14620, 14648, 14653, 14667, 14748, 14783, 14809, 14860, 15032, 15098, 15128, 15143, 15153, 15163, 15191, 15453, 15464, 15568, 15575, 15579, 15583, 15589, 15627-15630, 16499
C ₁₀ H ₁₈ O	Citronellal. B.p. 208.0 3800, 4421, 6052, 7764, 9482, 10083, 10771, 11308, 11339, 11888, 12270, 12518, 12643, 12738, 12964, 13130, 13200, 13288, 13375, 13427, 13919, 13953, 13979, 14006, 14133, 14152, 14211, 14294, 14491, 14517, 14697, 14749, 14954, 14971, 15040, 15454, 15596, 15631-15634
C ₁₀ H ₁₈ O	Geraniol. B.p. 229.6 3801, 4422, 6053, 10084, 10234, 10626, 10772, 11067, 11340, 12908, 12965, 13004, 13201, 13376, 13428, 13887, 14072, 14350, 14404, 14492, 14561, 14707, 14797, 14926, 14992, 15058, 15104, 15251, 15351, 15396, 15440, 15478, 15494, 15511, 15533, 15542, 15606, 15635-15642
C ₁₀ H ₁₈ O	Linalool. B.p. 199 826, 2268, 3802, 4423, 5251, 6054, 6217, 8824, 9099, 10361, 10627, 10700, 10773, 11009, 11228, 11341, 11557, 11622, 11662, 12271, 12701, 12730, 12780, 12966, 13202, 13377, 13429, 13489, 13530, 13594, 13609, 13803, 13920, 13954, 13980, 14007, 14073, 14295, 14388, 14405, 14698, 14750, 14861, 14972, 15021, 15041, 15074, 15099, 15144, 15192, 15252, 15455, 15465, 15512, 15543, 15557, 15569, 15580, 15590, 15597, 15643-15645
C ₁₀ H ₁₈ O	Menthone. B.p. 209.5 4424, 6674, 10141, 10774, 10835, 11010, 12519, 12644, 13131, 13378, 13490, 13507, 13552, 14406, 14751, 15479, 15513, 15598, 15620, 15646

Formula	Name and System No.
$C_{10}H_{18}O$	α -Terpineol. B.p. 217.8 3803, 4425, 6055, 6218, 6751, 8581, 10085, 10235, 10628, 10775, 10836, 11011, 11342, 12909, 12967, 13005, 13132, 13290, 13379, 13430, 13508, 13531, 13955, 14074, 14153, 14212, 14296, 14315, 14389, 14407, 14449, 14493, 14518, 14708, 14839, 14927, 14955, 14973, 14981, 14993, 15253, 15352, 15381, 15397, 15441, 15466, 15480, 15514, 15544, 15591, 15611, 15621, 15627, 15631, 15635, 15647-15652
$C_{10}H_{18}O$	β -Terpineol. B.p. 210.5 3804, 4426, 6219, 7341, 10629, 10776, 10837, 11012, 11229, 12968, 13006, 13291, 13380, 13491, 13509, 13532, 13921, 13981, 14008, 14862, 14956, 14974, 15100, 15254, 15545, 15653-15655
$C_{10}H_{18}O_2$	Vinyl 2-ethylhexanoate. B.p. 185.2 827
$C_{10}H_{18}O_2$	Vinyl octanoate. 828
$C_{10}H_{18}O_1$	Propyl succinate. B.p. 250.5 4427, 11109, 12603, 14027, 15178, 15223, 15255, 15310, 15353, 15481, 15515, 15656-15662
$C_{10}H_{19}N$	Bornylamine. B.p. 199.8 10362, 12702
$C_{10}H_{20}$	Butylcyclohexane. B.p. 180.95 12272
$C_{10}H_{20}$	<i>sec</i> -Butylcyclohexane. B.p. 179.3 12273
$C_{10}H_{20}$	<i>tert</i> -Butylcyclohexane. B.p. 171.5 8509
$C_{10}H_{20}$	1-Decene. B.p. 172.0 829, 1874, 2814, 15890
$C_{10}H_{20}$	Isobutylcyclohexane. B.p. 171.3 12274
$C_{10}H_{20}$	<i>cis</i> -1-Methyl-4-isopropylcyclohexane. B.p. 172.7 12275
$C_{10}H_{20}$	<i>trans</i> -1-Methyl-4-isopropylcyclohexane. B.p. 170.5 12276
$C_{10}H_{20}O$	Citranellol. B.p. 224.4 3805, 4428, 6057, 8582, 10236, 10630, 10777, 10838, 11013, 11110, 12910, 12969, 13381, 13936, 14075, 14390, 14408, 14433, 14519, 14709, 14928, 14957, 14994, 15059, 15256, 15354, 15382, 15398, 15410, 15442, 15495, 15516, 15534, 15546, 15632, 15663-15667
$C_{10}H_{20}O$	2-Ethylhexyl vinyl ether. B.p. 177.7 830, 16192
$C_{10}H_{20}O$	Menthol. B.p. 216.4 3806, 4429, 5149, 6056, 6220, 6752, 7765, 10086, 10142, 10237, 10631, 10778, 10839, 11014, 11273, 11623, 12520, 12874, 12911, 12970, 13007, 13133, 13203, 13292, 13382, 13431, 13492, 13510, 13533, 13553, 13563, 13922, 13956, 13982, 14076, 14213, 14297, 14316, 14339, 14391, 14409, 14422, 14450, 14494, 14562, 14840, 14863, 14929, 14958, 14975, 14982, 14995, 15257, 15383, 15399, 15443, 15456, 15496, 15517, 15547, 15570, 15592, 15599, 15612, 15622, 15633, 15646, 15647, 15668-15674
$C_{10}H_{20}O$	Octyl vinyl ether. 14752
$C_{10}H_{20}OS$	2-Hexylthioethyl vinyl ether. 4430, 14787

Formula	Name and System No.
$C_{10}H_{20}O_2$	Capric acid. B.p. 268.8 11068, 11111, 15224, 15258, 15311, 15327, 15675-15679
$C_{10}H_{20}O_2$	Ethyl octanoate. B.p. 208.35 833, 3807, 4431, 6058, 6221, 6753, 7767, 10632, 10840, 11309, 11624, 12645, 12875, 13134, 13293, 13383, 13432, 13983, 14009, 14077, 14298, 14340, 14699, 14710, 14753, 15259, 15668, 15680-15682
$C_{10}H_{20}O_2$	2-Ethylbutyl butyrate. B.p. 199.6 831
$C_{10}H_{20}O_2$	2-Ethylhexyl acetate. B.p. 198.4 832, 14722
$C_{10}H_{20}O_2$	Isoamyl isovalerate. B.p. 193.5 834, 2269, 2720, 3808, 4432, 4528, 5252, 5305, 5663, 6060, 6222, 6754, 7118, 7766, 9039, 9100, 9378, 9483, 10087, 10167, 10363, 10503, 10633, 10701, 11015, 11310, 11343, 11462, 11558, 11586, 11625, 11889, 11969, 12487, 12521, 12703, 12731, 13135, 13204, 13294, 13384, 13595, 13782, 13957, 13984, 14180, 14250, 14262, 14365, 14754, 14864, 15042, 15115, 15169, 15260, 15571, 15584, 15586, 15593, 15628, 15643, 15683-15687
$C_{10}H_{20}O_2$	Isoamyl valerate. B.p. 192.7 3809
$C_{10}H_{20}O_2$	Methyl pelargonate. B.p. 213.5 836, 3810, 4433, 6059, 6223, 6755, 10238, 10841, 11890, 12971, 13205, 13433, 13923, 14495, 14563, 14943, 15518, 15688
$C_{10}H_{20}O_2$	4-Methyl-2-pentyl butyrate. B.p. 182.6 835
$C_{10}H_{20}O_3$	2-Butoxyethyl 2-vinyloxyethyl ether. B.p. 226.7 837
$C_{10}H_{20}O_3$	2,2-Dipropoxy-3-butanone. B.p. 196 838
$C_{10}H_{20}O_4$	2(2-Butoxyethoxy)ethyl acetate. B.p. 245.3 839, 12604, 14902, 15060, 15328, 15400, 15444, 15689-15692
$C_{10}H_{21}Cl$	Chlorodecane. B.p. 210.6 840
$C_{10}H_{21}N$	<i>N</i> -Butylcyclohexylamine. B.p. 209.5 841
$C_{10}H_{21}NO$	<i>N,N</i> -Dimethyloctanamide. 14630
$C_{10}H_{22}$	Decane. B.p. 173.3 842, 1875, 2126, 2485, 2721, 2815, 3237, 4434, 5396, 5664, 6061, 6628, 6756, 7024, 7665, 8213, 8872, 9379, 11016, 11230, 13467, 13534, 14543, 15033, 15581, 15619, 15891, 16210, 16373, 16377, 16380
$C_{10}H_{22}$	2,7-Dimethyloctane. B.p. 160.1 843, 1418, 1712, 2125, 2722, 3236, 3488, 3811, 4182, 4435, 4994, 5253, 5665, 6224, 6433, 6629, 6757, 7119, 7509, 7666, 7829, 8214, 8391, 8510, 8825, 9101, 9380, 9562, 9617, 9735, 9899, 10020, 10481, 11017, 11231, 11379, 11463, 11559, 11771, 12037, 12126, 12193, 12316, 12573, 12834, 13076, 13295, 13654, 14668, 14689, 14784, 15022, 15164, 15558, 15578
$C_{10}H_{22}$	3-Ethyl-3-methylheptane. B.p. 163.0 8706
$C_{10}H_{22}$	3,3,5-Trimethylheptane. B.p. 155.5 12277, 15693

Formula	Name and System No.
$C_{10}H_{22}O$	Amyl ether. B.p. 187.4 123, 844, 2723, 3813, 4437, 4628, 6062, 6225, 7302, 7510, 7768, 8826, 9040, 9102, 9381, 9484, 9772, 10021, 10088, 10364, 10431, 11018, 11232, 11464, 11560, 11587, 11663, 11772, 11970, 12278, 12361, 12488, 12574, 13296, 13385, 13460, 13655, 13783, 14392, 14785, 14865, 15129, 15145, 15165, 15457, 15563, 16217
$C_{10}H_{22}O$	Decyl alcohol. B.p. 232.9 845, 3812, 4436, 6063, 10089, 10239, 10779, 10842, 11069, 12912, 12972, 13008, 13046, 14078, 14154, 14410, 14451, 14520, 14711, 14798, 14930, 14996, 15061, 15105, 15261, 15355, 15384, 15401, 15445, 15482, 15497, 15519, 15535, 15548, 15636, 15694-15704, 16241
$C_{10}H_{22}O$	2-Ethyl octanol. B.p. 220.5 846
$C_{10}H_{22}O$	Isoamyl ether. B.p. 172.6 124, 847, 1602, 2486, 2724, 3045, 3489, 3562, 3814, 4438, 4629, 4720, 5254, 5666, 6064, 6226, 7120, 7173, 7303, 7511, 7667, 7769, 8511, 8827, 8894, 9041, 9103, 9128, 9382, 9485, 9900, 10022, 10090, 10365, 10432, 10504, 10574, 11019, 11233, 11311, 11465, 11501, 11561, 11588, 11626, 11664, 11773, 11971, 12038, 12093, 12127, 12194, 12279, 12317, 12334, 12428, 12489, 12575, 12704, 12781, 13206, 13297, 13386, 13461, 13493, 13656, 13784, 13804, 13829, 14010, 14181, 14251, 14393, 14544, 14621, 14649, 14654, 14669, 14755, 14786, 14810, 14815, 14821, 14866, 15023, 15034, 15130, 15146, 15166, 15193, 15467, 15572, 15574, 15585, 15585, 15629, 15683, 15705, 16228, 152a
$C_{10}H_{22}O$	2-Propylheptanol. B.p. 217.9 848
$C_{10}H_{22}OS$	2(2-Ethylhexylthio)ethanol. 15706
$C_{10}H_{22}O_2$	Acetaldehyde dibutyl acetal. B.p. 188.8 849, 8215, 12280, 16151
$C_{10}H_{22}O_2$	Acetaldehyde diisobutyl acetal. B.p. 171.3 850, 8392, 16190
$C_{10}H_{22}O_2$	1,2-Dibutoxyethane. B.p. 203.6 851
$C_{10}H_{22}O_3$	Dipropylene glycol butyl ether. 6674a
$C_{10}H_{22}O_3$	2(2-Hexyloxyethoxy)ethanol. B.p. 259.1 852
$C_{10}H_{22}O_3$	Isoamyl carbonate. B.p. 232.2 4439, 12457, 15536
$C_{10}H_{22}O_4$	1,2-Bis(2-ethoxyethoxy)ethane. B.p. 246.9 853
$C_{10}H_{22}O_4$	Tripropylene glycol methyl ether. B.p. 243 4440, 6675, 15707
$C_{10}H_{22}O_5$	Bis(2(2-Methoxyethoxy)ethyl) ether. 854
$C_{10}H_{22}S$	Isoamyl sulfide. B.p. 214.8 3815, 6065, 10266, 10505, 10634, 10780, 10843, 11020, 11344, 11891, 11972, 12876, 12973, 13136, 13298, 13434, 13924, 14155, 14263, 14299, 14317, 14341, 14700, 14756, 15116, 15262, 15600, 15618, 15680, 15708- 15710
$C_{10}H_{23}N$	Decylamine. B.p. 203.7 855

Formula	Name and System No.
$C_{10}H_{23}N$	Diamylamine. B.p. 190 856
$C_{10}H_{23}N$	<i>N,N</i> -Dimethyl-2-ethylhexylamine. B.p. 176.1 857
$C_{10}H_{23}N$	Diisoamylamine. B.p. 188.2 14182, 14252, 14867, 15468, 15559, 15564, 15630, 15705
$C_{10}H_{23}NO$	2-Dibutylaminoethanol. B.p. 228.7 858
$C_{11}H_{10}$	1-Methylnaphthalene. B.p. 245.1 859, 3816, 4441, 4630, 6066, 6227, 6758, 8583, 8992, 10267, 10312, 10844, 11070, 11112, 11260, 11274, 11892, 12373, 12605, 12913, 12974, 13009, 13137, 13448, 13859, 14028, 14079, 14214, 14351, 14452, 14467, 14564, 14631, 14799, 14841, 14879, 14903, 14997, 15062, 15082, 15179, 15194, 15225, 15275, 15312, 15329, 15356, 15385, 15402, 15411, 15446, 15483, 15498, 15520, 15637, 15648, 15656, 15669, 15675, 15694, 15711-15724
$C_{11}H_{10}$	2-Methylnaphthalene. B.p. 241.15 2637, 2725, 3817, 4442, 4631, 4766, 6067, 6228, 6759, 8584, 8993, 10091, 10285, 10313, 10635, 10845, 11071, 11113, 11131, 11234, 11261, 11345, 11893, 12335, 12362, 12374, 12606, 12914, 12975, 13010, 13138, 13207, 13306, 13387, 13449, 13564, 13830, 13860, 14029, 14080, 14095, 14352, 14434, 14453, 14468, 14496, 14521, 14565, 14632, 14650, 14712, 14800, 14826, 14842, 14880, 14931, 14959, 14998, 15063, 15083, 15109, 15180, 15226, 15276, 15313, 15330, 15357, 15386, 15403, 15412, 15422, 15447, 15499, 15521, 15549, 15649, 15657, 15663, 15670, 15676, 15695, 15707, 15711, 15725-15731
$C_{11}H_{12}O_2$	Ethyl cinnamate. B.p. 272 860, 3818, 4443, 6068, 6760, 8585, 11072, 11114, 12375, 14030, 14904, 15084, 15204, 15227, 15290, 15365, 15423, 15732-15740
$C_{11}H_{14}OS$	2(Benzylthio)ethyl vinyl ether. 8586, 15075
$C_{11}H_{14}O_2$	1-Allyl-3,4-dimethoxybenzene. B.p. 255 861, 3819, 4444, 6069, 6761, 8587, 8734, 11073, 11115, 11275, 12336, 12376, 12607, 13450, 13883, 13937, 14031, 14469, 14843, 14881, 15228, 15314, 15331, 15358, 15413, 15522, 15658, 15712, 15741-15747
$C_{11}H_{14}O_2$	Butyl benzoate. B.p. 249.8 862, 3820, 4445, 6070, 6762, 8589, 10286, 10314, 10636, 11074, 12377, 12608, 13011, 13861, 13938, 14032, 14320, 14882, 14905, 15085, 15229, 15315, 15359, 15414, 15484, 15523, 15659, 15713, 15725, 15741, 15748-15750
$C_{11}H_{14}O_2$	1,2-Dimethoxy-4-Propylbenzene. B.p. 270.5 863, 3821, 4446, 6071, 6763, 8588, 11075, 11116, 11276, 12609, 13884, 13939, 14033, 14470, 14883, 15181, 15205, 15230, 15278, 15332, 15366, 15424, 15732, 15751-15757
$C_{11}H_{14}O_2$	Ethyl β -phenylpropionate. B.p. 248.1 3822, 6764, 12915, 13012, 14034, 14906, 14999, 15064, 15086, 15360, 15689, 15714, 15726, 15758-15760
$C_{11}H_{14}O_2$	Isobutyl benzoate. B.p. 242.15 864, 3823, 4447, 6072, 6765, 8590, 8994, 10287, 10315, 10637, 11076, 12610, 12916, 13013, 13451, 13862, 13940, 14300, 14884, 14907, 15000, 15065, 15263, 15316, 15387, 15404, 15415, 15485, 15500, 15524, 15604, 15660, 15690, 15696, 15715, 15727, 15742, 15758

Formula	Name and System No.
$C_{11}H_{14}O_3$	Butyl salicylate. B.p. 268.2 865
$C_{11}H_{14}O_3$	Ethyl-6-formylbicyclo(2.2.1)hept-5-ene-2-carboxylate. 866
$C_{11}H_{16}$	<i>tert</i> -Amylbenzene. B.p. 198.1 10092
$C_{11}H_{16}O$	<i>p-tert</i> -Amylphenol. B.p. 266.5 11117, 13885, 14845, 14891, 15416, 15425, 15501, 15716, 15761-15765
$C_{11}H_{16}O$	Methyl thymyl ether. B.p. 216.5 4448, 8591, 10240, 10781, 11077, 11346, 12337, 12611, 13139, 13511, 13596, 13702, 13863, 13958, 13985, 14156, 14215, 14301, 14411, 14423, 14497, 14522, 14566, 14633, 14844, 15066, 15405, 15525, 15550, 15601, 15613, 15623, 15638, 15650, 15697, 15766
$C_{11}H_{16}O_3$	Allyl-6-methyl-3,4-epoxycyclohexanecarboxylate. B.p. 251.41 867
$C_{11}H_{17}N$	Diethyl- <i>o</i> -toluidine. 13535
$C_{11}H_{17}N$	Isoamylaniline. B.p. 256.0 12917, 13014, 13452, 14216, 15067, 15317, 15362, 15417, 15426, 15486, 15502, 15717, 15728, 15743, 15751, 15767, 15768
$C_{11}H_{18}O_2$	Isopropyl-6-methyl-3-cyclohexenecarboxylate. B.p. 215.2 868
$C_{11}H_{20}O$	5-Ethyl-3-nonene-2-one. B.p. 226.4 869
$C_{11}H_{20}O$	Isobornyl methyl ether. B.p. 192.2 870, 2726, 3824, 4449, 4529, 4632, 5151, 5255, 6073, 6229, 6766, 7770, 8592, 8828, 9104, 9383, 10093, 10506, 11102, 11235, 11312, 11466, 11562, 11589, 11627, 11894, 12281, 12363, 12490, 12576, 13140, 13299, 13388, 13462, 13536, 13925, 14011, 14412, 14757, 15101, 15117, 15147, 15458, 15587, 15608, 15634, 15644, 15653, 15684
$C_{11}H_{20}O$	Methyl α -terpinyl ether. B.p. 216.2 871, 2394, 2638, 3825, 4450, 4785, 5150, 6074, 6230, 6767, 8593, 10241, 10638, 10782, 10846, 11078, 12338, 12612, 12739, 12976, 13141, 13208, 13512, 13537, 13565, 13597, 13703, 13864, 14081, 14157, 14217, 14302, 14318, 14413, 14498, 14523, 14567, 14634, 14846, 14932, 14960, 14976, 15106, 15264, 15526, 15551, 15602, 15614, 15624, 15639, 15651, 15654, 15664, 15671, 15681, 15698, 15708, 15769, 15770
$C_{11}H_{20}O_2$	2-Ethylhexyl acrylate. 14723
$C_{11}H_{20}O_4$	Diethyl pimelate. B.p. 268.1 872
$C_{11}H_{22}$	<i>tert</i> -Amylcyclohexane. B.p. 198.1 10094
$C_{11}H_{22}O$	5-Ethyl-2-nonanone. B.p. 222.9 873
$C_{11}H_{22}O_2$	2,6-Dimethyl-4-heptyl acetate. B.p. 192.2 874
$C_{11}H_{22}O_2$	Ethyl pelargonate. B.p. 227 875, 4451, 6075, 14499, 14568, 15001, 15265, 15672
$C_{11}H_{22}O_2$	Methyl caprate. 15170, 15771

Formula	Name and System No.
$C_{11}H_{22}O_3$	Isoamyl carbonate. B.p. 232.2 876, 3826, 4452, 4786, 6076, 6231, 8995, 10242, 10268, 10316, 10639, 11079, 12457, 12613, 12918, 12977, 13389, 14082, 14158, 14303, 14524, 14635, 14908, 14933, 15002, 15068, 15266, 15363, 15406, 15448, 15487, 15503, 15527, 15536, 15605, 15615, 15640, 15665, 15691, 15699, 15718, 15729, 15772, 15773
$C_{11}H_{22}O_3$	4-Methoxy-2,6-dipropyl-1,3-dioxane. B.p. 223.6 877
$C_{11}H_{24}$	Undecane. B.p. 194.5 878, 1876, 2127, 2816, 3238, 5667, 6077, 7025, 7512, 10095, 11236, 13538, 14424, 15892, 16211, 16374, 16378, 16381, 16442, 16468, 11021a, 13462b, 16514a
$C_{11}H_{24}O$	5-Ethyl-2-nonanol. B.p. 225.4 879, 15719, 15730
$C_{11}H_{24}O_2$	Diamyloxymethane. B.p. 221.6 880, 9773, 16218
$C_{11}H_{24}O_2$	Diisoamyloxymethane. B.p. 210 881, 10143, 10783, 13142, 13598, 13986, 14012, 14414, 14569, 14961, 14977, 15552, 16505
$C_{11}H_{24}O_2$	2,2-Dibutoxypropane. 882
$C_{11}H_{24}O_2$	2,6-Dimethyl-4-heptyloxyethanol. B.p. 225.5 883
$C_{11}H_{24}O_4$	1,1,3,3-Tetraethoxypropane. B.p. 220.1 884
$C_{11}H_{25}N$	2-Ethylhexylpropylamine. 14724
$C_{11}H_{25}NO$	1-Dibutylamino-2-propanol. B.p. 225.1 885
$C_{12}F_{27}N$	Tris(perfluorobutyl)amine. B.p. 177 10105, 15008, 15119, 15195, 15693, 16510
$C_{12}H_9N$	Carbazole. B.p. 355 8594, 12378, 15197, 15774, 15775
$C_{12}H_{10}$	Acenaphthene. B.p. 277.9 3827, 4453, 4633, 6078, 6768, 8595, 11080, 11118, 11132, 11277, 12379, 12614, 13865, 14035, 14353, 14885, 14909, 15206, 15231, 15279, 15291, 15298, 15333, 15367, 15427, 15733, 15752, 15761, 15776-15781
$C_{12}H_{10}$	Biphenyl. B.p. 255.9 3828, 4454, 6079, 6769, 8596, 10317, 10640, 11081, 11119, 11133, 11278, 12380, 12615, 13015, 13453, 13704, 13866, 14036, 14218, 14471, 14847, 14886, 14910, 15003, 15069, 15182, 15232, 15280, 15292, 15318, 15334, 15368, 15418, 15428, 15488, 15528, 15661, 15700, 15720, 15734, 15744, 15748, 15759, 15767, 15782-15788
$C_{12}H_{10}O$	1 and 2-Acetylnaphthalene. 10784
$C_{12}H_{10}O$	Phenyl ether. B.p. 259.3 887, 3829, 4455, 6080, 6770, 8597, 8735, 11082, 11120, 11279, 12339, 12381, 12616, 13016, 13867, 13886, 13941, 14037, 14354, 14472, 14887, 14911, 15004, 15087, 15183, 15233, 15281, 15319, 15335, 15369, 15419, 15429, 15529, 15662, 15677, 15721, 15735, 15745, 15749, 15753, 15760, 15768, 15782, 15789-15794
$C_{12}H_{10}O$	<i>o</i> -Phenylphenol. 886

Formula	Name and System No.
C ₁₂ H ₁₁ N	Diphenylamine. B.p. 275 11259, 15282
C ₁₂ H ₁₂	1-Ethynaphthalene. B.p. 254.2 13209, 13390
C ₁₂ H ₁₄ O ₄	Ethyl phthalate. B.p. 298.5 888, 3830, 8598, 12382, 15776, 15783, 15789, 15795
C ₁₂ H ₁₆ O ₂	Isoamyl benzoate. B.p. 262.3 889, 3831, 4456, 6081, 6771, 8599, 11083, 11121, 12383, 13868, 13942, 14038, 14159, 14888, 14912, 15088, 15207, 15234, 15283, 15320, 15336, 15420, 15430, 15722, 15736, 15746, 15754, 15772, 15777, 15784, 15790, 15796-15798
C ₁₂ H ₁₆ O ₃	Isoamyl salicylate. B.p. 277.5 3832, 6082, 6772, 8600, 10288, 12340, 12384, 12617, 13017, 13869, 14473, 14848, 15070, 15089, 15208, 15235, 15284, 15337, 15370, 15431, 15737, 15755, 15762, 15785, 15791, 15796, 15799-15801
C ₁₂ H ₁₈	1,3,5-Triethylbenzene. B.p. 215.5 2639, 2727, 3833, 4457, 5256, 5306, 6773, 7121, 7513, 7771, 8601, 8829, 8996, 9105, 9384, 10096, 10243, 10641, 10785, 10847, 11022, 11084, 11122, 11237, 11347, 11467, 11563, 11628, 11895, 12282, 12458, 12522, 12577, 12618, 12845, 12978, 13143, 13210, 13300, 13391, 13435, 13494, 13539, 13566, 13599, 13705, 13870, 13926, 13959, 13987, 14013, 14039, 14083, 14160, 14219, 14304, 14342, 14366, 14425, 14454, 14500, 14525, 14570, 14578, 14636, 14701, 14889, 14944, 14962, 14978, 15044, 15102, 15107, 15184, 15267, 15530, 15603, 15607, 15616, 15625, 15641, 15645, 15655, 15666, 15673, 15682, 15685, 15688, 15701, 15709, 15769, 15802, 15803
C ₁₂ H ₁₈ O	Amyl benzyl ether. 9900a
C ₁₂ H ₁₈ O	Triisobutylene oxide. 890
C ₁₂ H ₁₉ N	N-Butyl- α -methylbenzylamine. B.p. 239.3 891
C ₁₂ H ₂₀ O ₂	Bornyl acetate. B.p. 227.6 892, 3834, 4458, 6083, 6232, 6774, 8602, 10244, 10269, 10318, 10507, 10642, 10848, 11085, 12459, 12919, 13018, 13211, 13392, 13706, 14084, 14220, 14264, 14305, 14319, 14343, 14501, 14571, 14637, 14713, 14934, 14945, 15005, 15071, 15268, 15364, 15407, 15489, 15504, 15531, 15537, 15617, 15642, 15652, 15667, 15674, 15692, 15702, 15723, 15731, 15766, 15770, 15773, 15802
C ₁₂ H ₂₀ O ₂	sec-Butyl-6-methyl-3-cyclohexenecarboxylate. 893
C ₁₂ H ₂₀ O ₂	Isobornyl acetate. B.p. 225.8 3239, 15560, 15565
C ₁₂ H ₂₀ O ₄	Dibutyl fumarate. B.p. 285.2 894
C ₁₂ H ₂₀ O ₄	Dibutyl maleate. B.p. 280.6 895
C ₁₂ H ₂₂ O	Bornyl ethyl ether. B.p. 204.9 4459, 5152, 6775, 8997, 10786, 11313, 12578, 12647, 13145, 13600, 13927, 14014, 14394, 14415, 14426, 14435, 15118, 15686, 15803
C ₁₂ H ₂₂ O	Ethyl isobornyl ether. B.p. 203.8 896, 3835, 4460, 6084, 6233, 6882, 10787, 11238, 11314, 11348, 11468, 11564, 11629, 11896, 12364, 12579, 13144, 13301, 13495, 13513, 13540, 13601, 14015, 15108, 15553, 15626, 15687, 15710

Formula	Name and System No.
$C_{12}H_{22}O_2$	2-Ethylhexyl crotonate. B.p. 241.2 897
$C_{12}H_{22}O_2$	Vinyl decanoate isomers. 898
$C_{12}H_{22}O_4$	Isoamyl oxalate. B.p. 268.0 3836, 7122, 8603, 11086, 11123, 12385, 12619, 14040, 14913, 15185, 15209, 15236, 15285, 15321, 15338, 15678, 15738, 15756, 15778, 15786, 15804-15805
$C_{12}H_{22}O_4$	Diethyl 2-ethyl-3-methylglutarate. B.p. 255.8 899
$C_{12}H_{23}N$	Dicyclohexylamine. B.p. 255.8 900
$C_{12}H_{24}$	2,6,8-Trimethylnonene. 15196, 15806
$C_{12}H_{24}O$	2,6,8-Trimethyl-4-nonanone. B.p. 218.2 901
$C_{12}H_{24}OS$	2(2-Ethylhexylthio)ethyl vinyl ether. 8604, 15706
$C_{12}H_{24}O_2$	2-Ethylbutyl 2-ethylbutyrate. B.p. 222.6 902
$C_{12}H_{24}O_2$	2-Ethylbutyl hexanoate. B.p. 236.2 903
$C_{12}H_{24}O_2$	Hexyl 2-ethylbutyrate. B.p. 230.3 904
$C_{12}H_{24}O_2$	Hexyl hexanoate. B.p. 245.2 905
$C_{12}H_{24}O_2$	2,2-Dibutoxy-3-butanone. B.p. 228 906
$C_{12}H_{24}O_3$	2,2-Diisobutyroxy-3-butanone. B.p. 214 907
$C_{12}H_{26}$	Dodecane. B.p. 216 908, 1877, 3240, 4461, 6085, 6676, 10097, 11239, 13541, 14427, 14801, 15270, 15807, 15893, 16212
$C_{12}H_{26}$	2,2,4,4,6-Pentamethylheptane. B.p. 185.6 10098
$C_{12}H_{26}$	2,2,4,6,6-Pentamethylheptane. B.p. 177.9 10099
$C_{12}H_{26}O$	2-Butyl-1-octanol. B.p. 253.4 909
$C_{12}H_{26}O$	Dodecyl alcohol. 15703
$C_{12}H_{26}O$	Hexyl ether. 4462, 8605
$C_{12}H_{26}O$	2,6,8-Trimethyl-4-nonanol. B.p. 225.5 910, 13047, 15806, 16242
$C_{12}H_{26}O_2$	Acetaldehyde diamyl acetal. B.p. 225.3 911, 9774, 16219
$C_{12}H_{26}O_2$	Acetaldehyde diisoamyl acetal. B.p. 213 912, 9901, 16229
$C_{12}H_{26}O_2$	2-Ethylhexaldehyde diethyl acetal. B.p. 207.81 913
$C_{12}H_{26}O_2$	3-Ethoxy-4-ethyloctanol. B.p. 249.2 914

Formula	Name and System No.
$C_{12}H_{26}O_3$	Bis(2-butoxyethyl) ether. B.p. 254.6 915
$C_{12}H_{26}O_3$	1,1,3-Triethoxyhexane. 916
$C_{12}H_{27}ClSn$	Tributyltinchloride. 7993, 14717, 16477
$C_{12}H_{27}N$	Dihexylamine. B.p. 239.8 917
$C_{12}H_{27}N$	Tributylamine. B.p. 213.9 918
$C_{12}H_{27}O_4P$	Tributyl phosphite. 919
$C_{12}H_{28}O_4Ti$	Titanium isopropoxide. 6434
$C_{13}H_{10}$	Fluorene. B.p. 295 3837, 4463, 6086, 11087, 11124, 12386, 12620, 14041, 15198, 15210, 15286, 15763, 15808, 15809
$C_{13}H_{10}O_2$	Phenyl benzoate. B.p. 315 3838, 4464, 6776, 12387, 15810, 15811
$C_{13}H_{12}$	Diphenylmethane. B.p. 265.6 3839, 4465, 4634, 6087, 6777, 8607, 11088, 11125, 11134, 11280, 12388, 12621, 13871, 14042, 14355, 14474, 14890, 14914, 15072, 15090, 15186, 15211, 15237, 15287, 15293, 15322, 15339, 15371, 15421, 15432, 15679, 15704, 15724, 15739, 15747, 15757, 15764, 15779, 15787, 15793, 15795, 15798, 15799, 15804
$C_{13}H_{12}O$	Benzyl phenyl ether. B.p. 286.5 3840, 4466, 6778, 8608, 11089, 11126, 11135, 12341, 12389, 12622, 14043, 15212, 15299, 15302, 15372, 15780, 15800, 15812
$C_{13}H_{14}$	2-Isopropyl-naphthalene. B.p. 266.5 13212, 13393
$C_{13}H_{24}O_2$	Decyl acrylate. 920
$C_{13}H_{26}$	Tridecene. B.p. 232.78 10100
$C_{13}H_{26}O_2$	Methyl laurate. 15771, 15813
$C_{13}H_{28}$	Tridecane. B.p. 234.0 1878, 4467, 5397, 9385, 10643, 10849, 11023, 11090, 11127, 11240, 13436, 13542, 13707, 14085, 14306, 14428, 14915, 15271, 15894, 16511
$C_{14}H_{10}$	Anthracene. B.p. 340 4468
$C_{14}H_{10}$	Phenanthrene. 8609, 12390, 15199, 15814-15817
$C_{14}H_{12}$	1,2-Diphenylethylene. B.p. 308.5 15288
$C_{14}H_{12}$	Stilbene. B.p. 306.5 3841, 4469, 6088, 11128, 12391, 12623, 14044, 15294, 15810
$C_{14}H_{12}O_2$	Benzyl benzoate. B.p. 324 4470, 6779
$C_{14}H_{14}$	1,2-Diphenylethane. B.p. 284 3842, 4471, 6089, 6780, 8610, 11091, 11129, 11281, 12392, 12624, 13872, 14045, 15091, 15213, 15295, 15300, 15373, 15433, 15740, 15765, 15781, 15801, 15805, 15812, 15814, 15818

Formula	Name and System No.
$C_{14}H_{14}O$	Benzyl ether. B.p. 297 3843, 4472, 6090, 6781, 8611, 12342, 12393, 15301, 15303, 15374, 15794, 15811
$C_{14}H_{22}O$	2-Ethylhexylphenol. B.p. 297.0 921
$C_{14}H_{23}N$	<i>N</i> -Ethylhexylaniline. 922
$C_{11}H_{24}$	1,3,6,8-Tetramethyl-1,6-cyclodecadiene. B.p. 220.5 923
$C_{14}H_{26}O_4$	Dibutyl adipate. 924
$C_{14}H_{28}O$	Trimethylnonyl vinyl ether. B.p. 223.4 925
$C_{14}H_{28}O_2$	2-Ethylbutyl 2-ethylhexanoate. B.p. 261.5 926
$C_{14}H_{28}O_2$	2-Ethylhexyl 2-ethylbutyrate. B.p. 252.8 927
$C_{14}H_{28}O_2$	2-Ethylhexyl hexanoate. B.p. 267.21 928
$C_{14}H_{28}O_2$	Hexyl 2-ethylhexanoate. B.p. 254.3 929
$C_{14}H_{29}N$	<i>N</i> (2-Ethylhexyl)cyclohexylamine. 930
$C_{14}H_{30}$	Tetradecane. B.p. 252.5 4473, 6677, 11241, 14429
$C_{14}H_{30}O$	7-Ethyl-2-methyl-4-undecanol. B.p. 264.3 931
$C_{14}H_{30}O$	Tetradecyl alcohol. B.p. 260.0 13213, 13394, 15774, 15808, 15815
$C_{14}H_{30}O_2$	2(2,6,8-Trimethyl-4-nonyloxy)ethanol. 932
$C_{15}H_{10}N_2O_2$	Bis(<i>p</i> -isocyanatophenyl)methane. 10366
$C_{15}H_{18}$	2-Amylnaphthalene. B.p. 292.3 11984, 13214, 13395
$C_{15}H_{28}O_4$	Dibutyl pimelate. 933
$C_{15}H_{30}$	Pentadecene. 14802
$C_{15}H_{30}O_2$	Methyl myristate. 15813, 15819
$C_{15}H_{32}O$	2,8-Dimethyl-6-isobutyl-4-nonanol. B.p. 265.4 934
$C_{15}H_{33}BO_3$	Isoamyl borate. B.p. 255 15323, 15750
$C_{16}H_{18}O$	Bis(α -methylbenzyl)ether. B.p. 286.7 935
$C_{16}H_{20}$	Diisopropylnaphthalene. B.p. 305 13215, 13396
$C_{16}H_{22}O_4$	Dibutyl phthalate. 6868
$C_{16}H_{28}O_4$	Bis(4-methyl-2-pentyl)maleate. 936

Formula	Name and System No.
$C_{16}H_{30}O_2$	Tridecyl acrylate. 937
$C_{16}H_{31}N$	Bis(methylcyclohexyl)methylamine. 938
$C_{16}H_{32}O_2$	2-Ethylhexyl 2-ethylhexanoate. B. p. 280.4 939
$C_{16}H_{32}O_2$	Palmitic acid. 15820
$C_{16}H_{34}$	Hexadecane. 1879, 11985, 15807, 15816, 15818
$C_{16}H_{34}O$	Bis(2-ethylhexyl)ether. B.p. 269.8 940, 4474, 6678, 8612, 14788
$C_{16}H_{35}N$	Bis(2-ethylhexyl)amine. B.p. 280.7 941
$C_{17}H_{34}O_2$	Methyl palmitate. 15819, 15821
$C_{17}H_{36}O$	3,9-Diethyl-6-tridecanol. B.p. 309 942
$C_{17}H_{36}O$	Heptadecanol. 15775, 15809, 15817
$C_{18}H_{34}N_2$	Bis(α -methylbenzyl)ethylenediamine. 943
$C_{18}H_{36}O_2$	Oleic acid. 15822-15824
$C_{18}H_{34}N_3$	Ricinoleic acid. 15822
$C_{12}H_{36}O_2$	Stearic acid. 15820, 15823
$C_{18}H_{38}O_2$	Acetaldehyde bis(2-ethylhexyl)acetal. 944
$C_{18}H_{38}NO$	2(Bis(2-ethylhexyl)amino)ethanol. 945
$C_{19}H_{36}O_2$	Methyl oleate. 15825
$C_{19}H_{38}O_2$	Methyl stearate. 15821, 15825
$C_{20}H_{30}O_2$	Abietic acid. 15824
$C_{20}H_{36}O_4$	Bis(2-ethylhexyl)fumarate. 946
$C_{20}H_{36}O_4$	Bis(2-ethylhexyl)maleate. 947
$C_{20}H_{40}O_3$	2-Ethylhexyl 3(2-ethylhexyloxy)butyrate. 948
$C_{20}H_{42}O$	Decyl ether (isomers) 949
$C_{20}H_{42}O$	Eicosanol (isomers) 950
$C_{20}H_{43}N$	Didodecylamine (isomers) 951
$C_{21}H_{38}O_3$	Allyl 9,10-epoxystearate. 952

Formula	Name and System No.
$C_{24}H_{38}O_4$	Octyl phthalate. 15788
$C_{24}H_{52}O_4Si$	Tetra(2-ethylbutoxy)silane. 953
$C_{31}H_{58}O_6$	Tri(2-ethylhexyl)1,2,4-butanetricarboxylate. 916

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Prediction of Azeotropism and Calculation of Azeotropic Data

Whether or not a system of two compounds is azeotropic depends essentially on two factors: (1) the difference in boiling point of the two components, and (2) the degree to which the two components form an ideal system. The closer the boiling points of the two components are, the more likely that they will be azeotropic; the more ideal the solution of the two components is, the less likely that they will form an azeotropic system.

The ideality of a two-component system depends largely on the difference in certain physical properties of the components such as polarity, degree of association, tendency toward hydrogen bonding, etc. When the two components are similar—e.g., two hydrocarbons or two alcohols—there is little tendency toward azeotropism. However, if the two components are markedly dissimilar—such as an alcohol and a hydrocarbon—they tend strongly toward azeotropism.

By taking account of the above factors it is sometimes possible to predict azeotropic data fairly well. For example, the departure from ideality of a series of solutions of methanol with hydrocarbons will be relatively constant. As a result the tendency for a methanol-hydrocarbon system to be azeotropic will be related to the other factor, the difference in boiling point. As a result the lowering of the boiling point (designated δ) and the azeotropic composition will be related to this difference in boiling point. Therefore we can predict δ and azeotropic composition for any methanol-hydrocarbon system from the boiling point of the hydrocarbon.

This procedure is the basis for the series of relations shown in Figures 1-6 which can be used to predict azeotropic data for related systems. The procedure also indicates the effect of pressure on azeotropic composition if one determines the difference in boiling point of the system at any desired pressure and applies the data to the appropriate curve. This is illustrated in Figure 6.

In the special case where the two components are immiscible, it is possible to calculate azeotropic boiling point and composition to a high degree of accuracy. For such a system the total vapor pressure is equal to the sum of the vapor pressures of the two components at a given temperature. Therefore, from a plot of vapor pressures of the two com-

ponents it is possible to determine the temperature at which the sum of the component vapor pressures is equal to 760 mm. This temperature will be the azeotropic boiling point. The azeotropic boiling point can be determined at any other pressure in a similar manner.

Further, the azeotropic composition can be calculated from the expression:

$$\text{Mole \% A} = \frac{V_A \times 100}{V_A + V_B}$$

where $V_A + V_B$ are vapor pressures of A and B at the azeotropic boiling point.

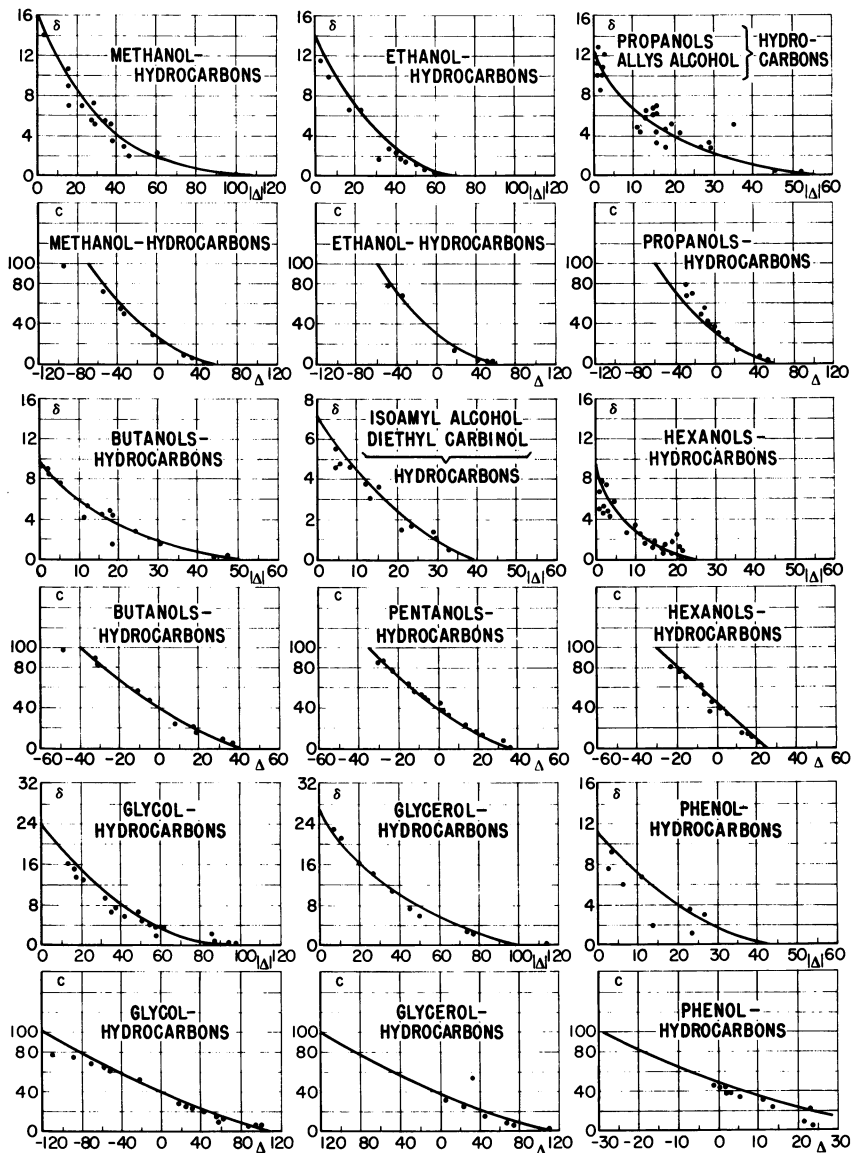


Figure 1. C- Δ and δ - $|\Delta|$ curves for alcohol-hydrocarbon, glycol-hydrocarbon, and phenol-hydrocarbon systems

- C: Azeotropic composition in weight % first component
- δ : Boiling point of lower boiling component minus azeotropic boiling point
- $|\Delta|$: Absolute difference in boiling points of components
- Δ : Boiling point of first component minus boiling point of second component

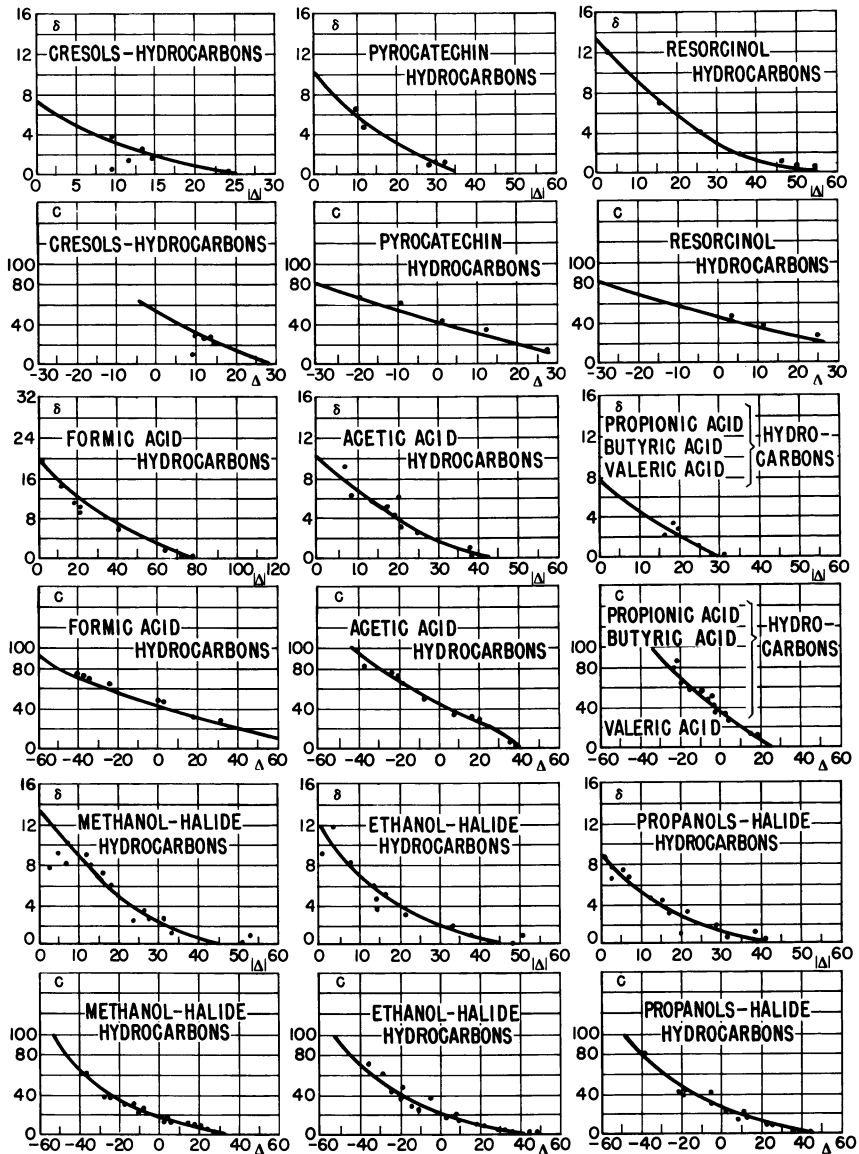


Figure 2. C- Δ and δ - $|\Delta|$ curves for phenol-hydrocarbon, acid-hydrocarbon, and alcohol-halide hydrocarbon systems

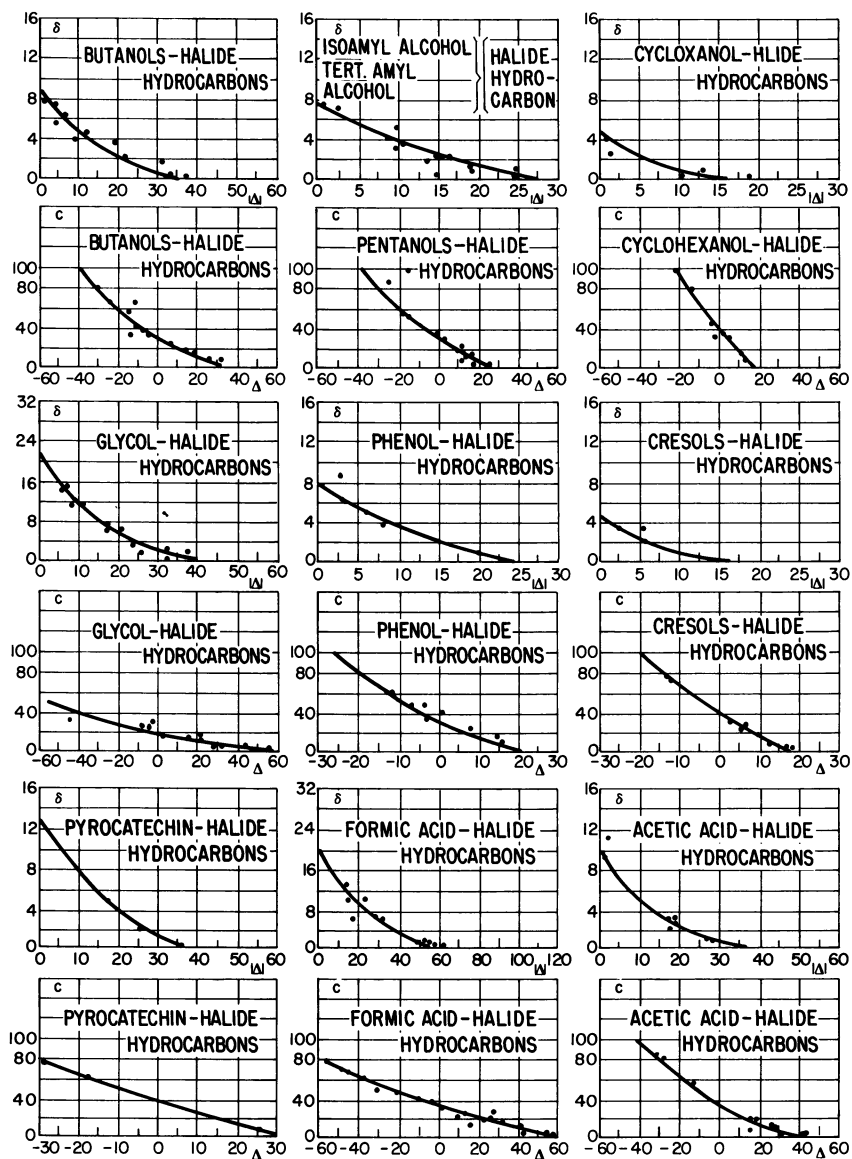


Figure 3. C- Δ and δ - $|\Delta|$ curves for alcohol-halide hydrocarbon, glycol-halide hydrocarbon, phenol-halide hydrocarbon, and acid-halide hydrocarbon systems

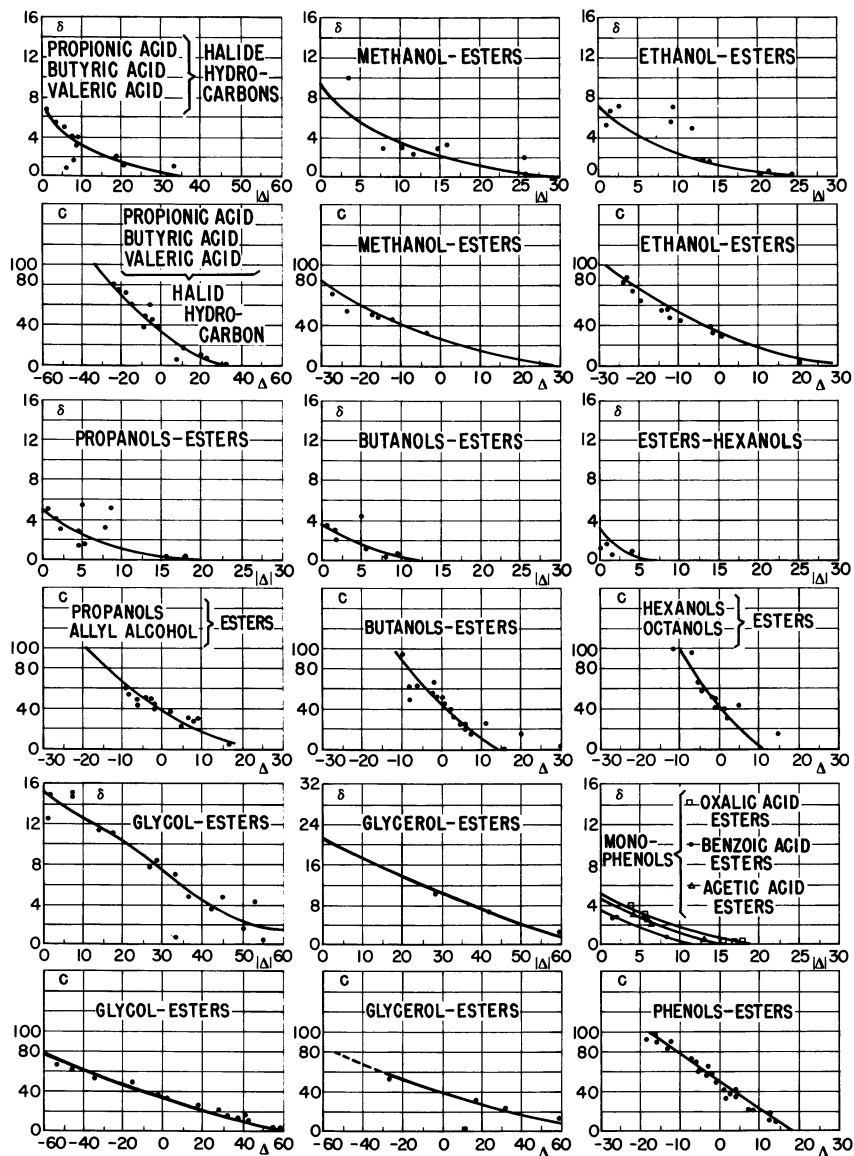


Figure 4. $C-\Delta$ and $\delta-|\Delta|$ curves for acid-halide hydrocarbon, alcohol-ester, glycol-ester, and phenol-ester systems

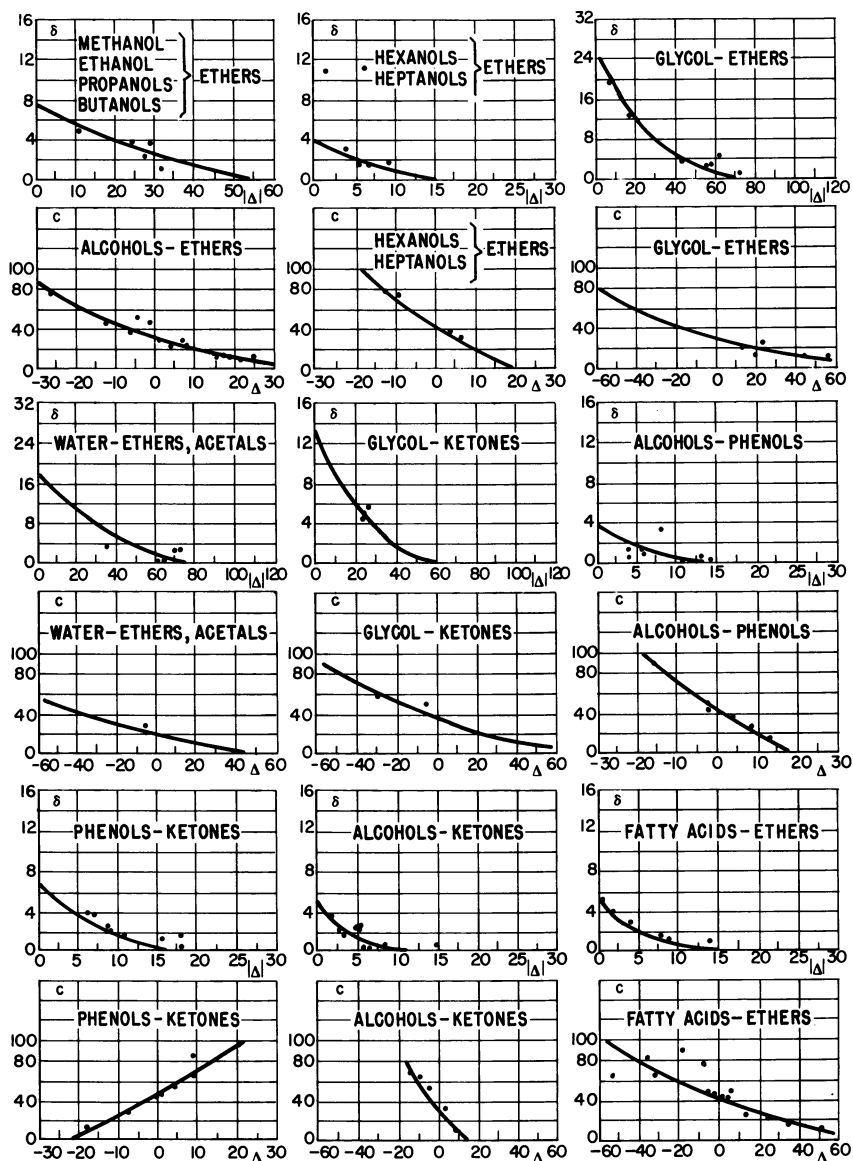


Figure 5. $C-\Delta$ and $\delta-|\Delta|$ curves for alcohols-ethers, glycols-ethers, water-ethers, acids-ethers, alcohols-ketones, glycol-ketones, alcohols-phenols, and phenols-ketones

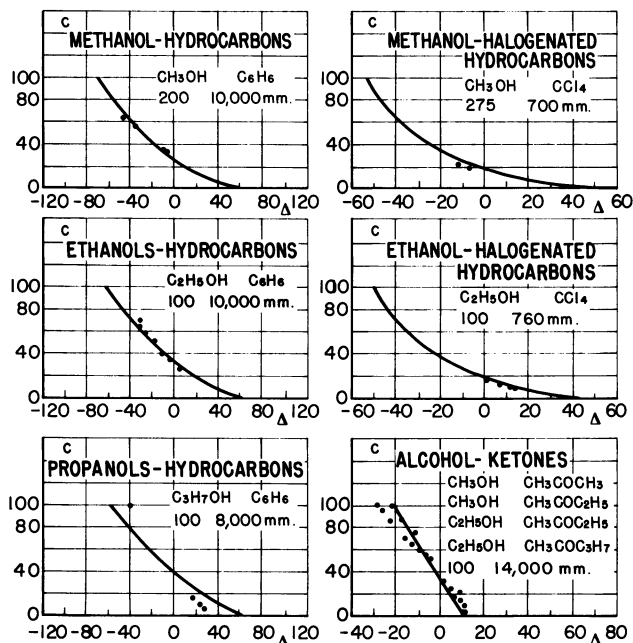


Figure 6. C- Δ curves for alcohol-hydrocarbons, alcohol-halide hydrocarbons, and alcohols-ketones

Curves show agreement with experimental data at various pressures

C: Weight % alcohol } hydrocarbon
 Δ : Boiling point of alcohol minus } halide hydrocarbon
 boiling water } ketone

Vapor-Liquid Equilibrium Diagrams of Alcohol-Ketone Azeotropes as a Function of Pressure

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Pressure has a marked effect on the azeotropic composition and vapor-liquid equilibrium diagrams of alcohol-ketone systems (1). This is due to the fact that the slopes of the vapor pressure curves of alcohols are appreciably greater than for ketones; it results in an unusually large change in the relative boiling points of the components of an alcohol-ketone system with change in pressure.

As a result of the study of these systems, it has been found that the methanol-acetone azeotrope exhibits the unusual phenomenon of becoming nonazeotropic at both low and high pressures—that is, below 200-mm. pressure the system is nonazeotropic with methanol as the more volatile product, while above 15,000 mm. the system is nonazeotropic with acetone the more volatile component.

Some of the equilibrium data for this system and two other alcohol-ketone azeotropes are shown in Figures 1 and 2 on the following pages.

The similarity of the diagrams for the different systems at suitable pressures is of interest. For example, the diagram for methanol-acetone at 10,000 mm. corresponds approximately to the diagram for methanol-methyl ethyl ketone at 1000 mm. and for ethanol-methyl propyl ketone at 100 mm.

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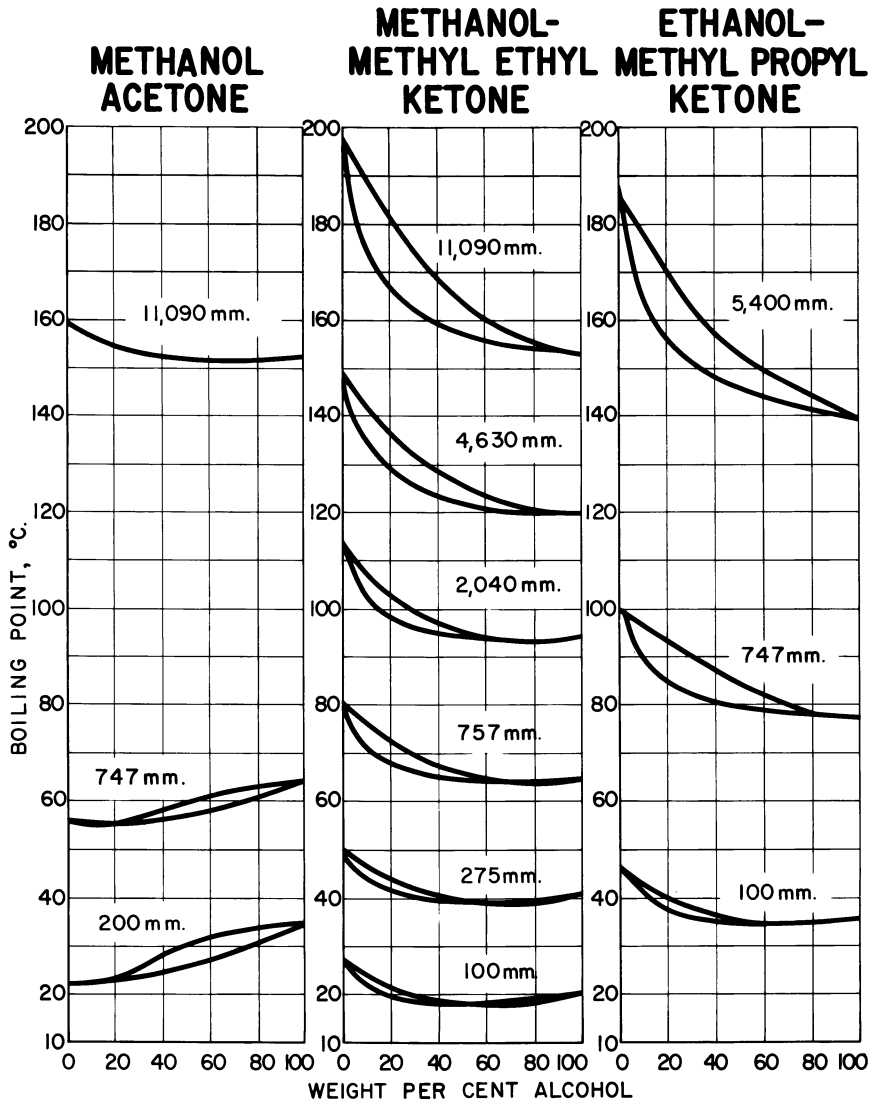


Figure 1. Vapor-liquid equilibrium diagrams of alcohol-ketone systems at various pressures

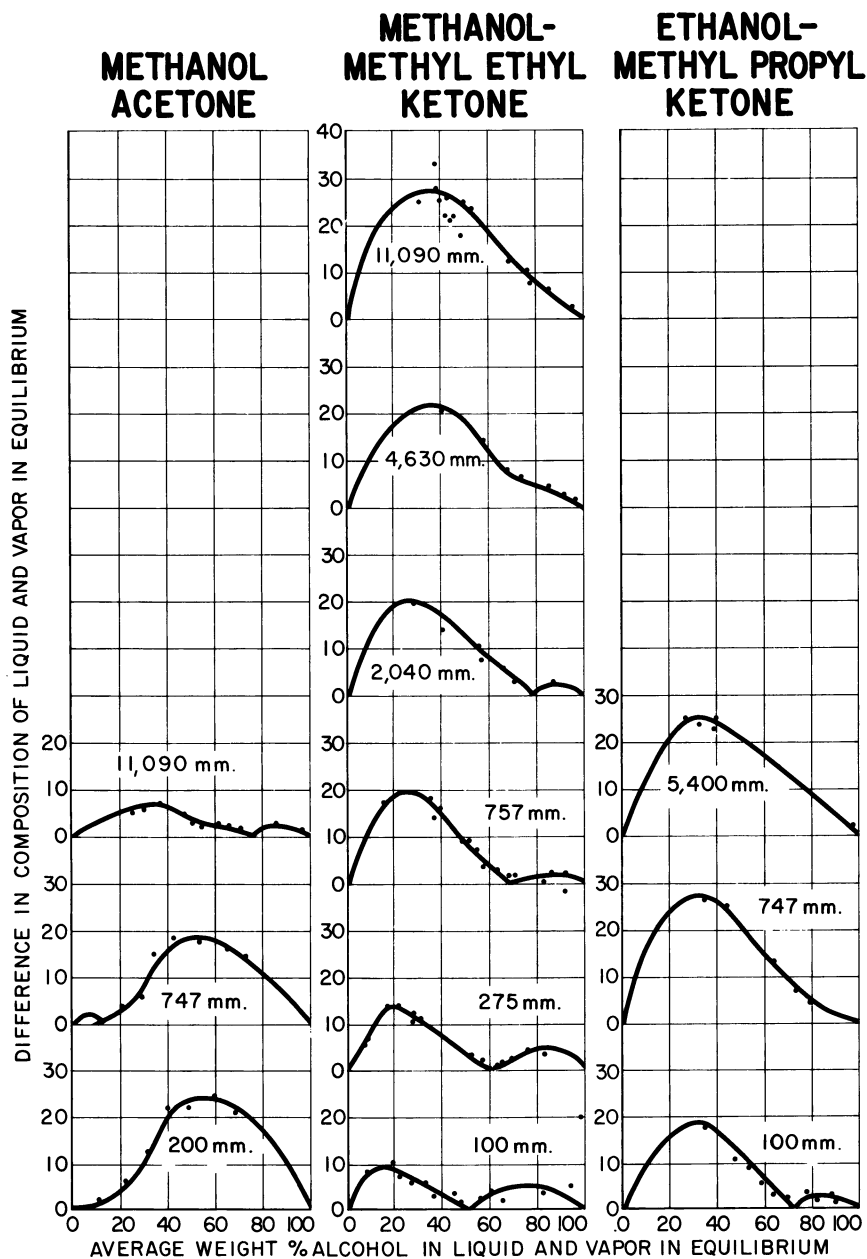


Figure 2. Difference in composition of vapor and liquid in equilibrium
 Shown as a function of corresponding average composition of vapor and liquid for
 alcohol-ketone systems

Graphical Method for Predicting Effect of Pressure on Azeotropic Systems

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A rapid and easily applicable method has been found for indicating the effect of pressure on the composition and boiling point of an azeotropic system. The method is based on the use of the Cox vapor pressure chart (1) on which the log of vapor pressure is plotted as a function of $1/(t^{\circ}\text{C.} + 230)$ to give a straight line over a wide range of pressures.

Lecat (2) has considered the use of the vapor pressure curves of azeotropes to indicate the pressure at which a system would become nonazeotropic. However, he plotted in the conventional manner and could obtain the curves only by detailed experimental work.

It has been found that the vapor pressure curves of azeotropes are straight lines when plotted on a Cox chart which permits determination of the complete vapor pressure curve from the data at two pressures.

Since an azeotrope by definition has either a higher or a lower vapor pressure than that of any of the components, the azeotropic vapor pressure curve will always lie above or below the curves of the components. This is indicated schematically in Figure 1 where *A* and *B* are vapor

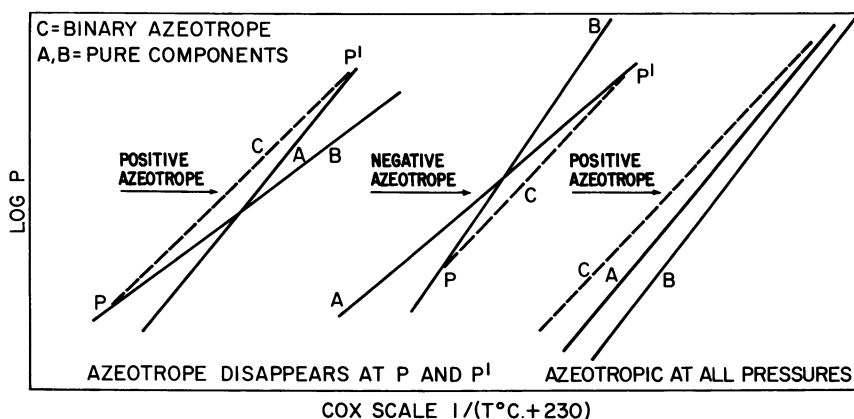


Figure 1. Schematic of vapor pressure curves of binary azeotropes

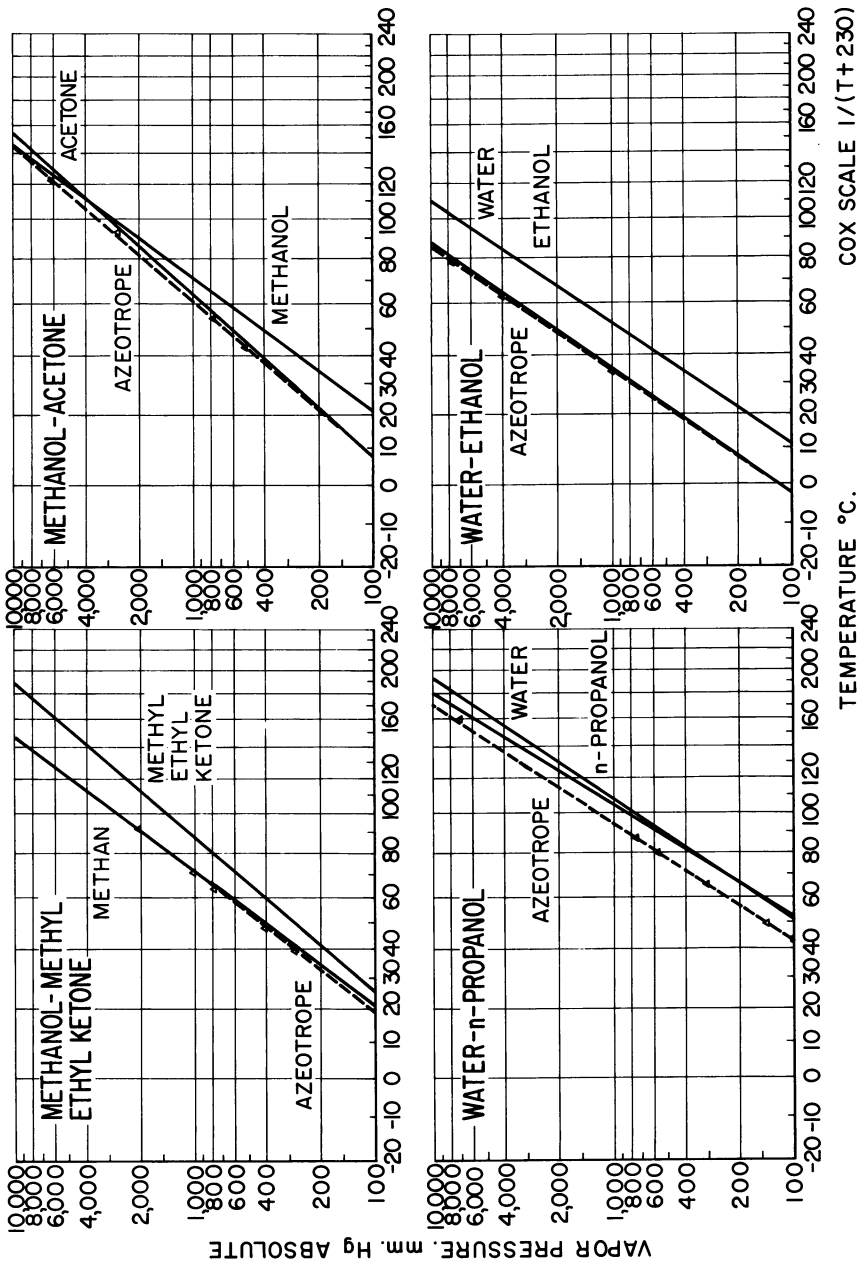


Figure 2. Azeotropic vapor pressure curves of methanol-methyl ethyl ketone, methanol-acetone, water-n-propanol, and water-ethanol

pressure curves of the components and C is the vapor pressure of the azeotrope. If curve C crosses either A or B , the azeotropic vapor pressure is no longer greater or less than any of the components and the system will become nonazeotropic at the point of intersection. On the other hand, if the azeotropic curve is parallel to the other curves the system will be azeotropic up to the critical pressure.

The method has been successfully applied to numerous systems, four of which are shown in Figure 2. The azeotrope methanol-methyl ethyl ketone became nonazeotropic at 3000 mm. of mercury after it was predicted that this would occur at 2000 to 4000 mm. The azeotrope methanol-acetone was studied in detail after it was predicted that the azeotropism would disappear at both low and high pressures. This system is nonazeotropic below 200 mm. of mercury and above 15,000 mm. compared to predicted limits of 200 to 500 mm. and 10,000 to 20,000 mm. While this is the only azeotropic system known to become nonazeotropic at both low and high pressures, there are indications that the phenomenon occurs in several other systems, contrary to the conclusions of Lecat that such systems probably do not exist (3).

Caution should be used in extrapolating curves to very low pressures because of the possibility of curvature in the vapor pressure lines over a manifold range of pressures.

In cases where only the normal azeotropic boiling point is known, it is possible to predict the effect of pressure on the system by drawing the azeotrope curve through the normal boiling point with a slope equal to the average slopes of the component vapor pressure curves. This procedure will permit a fairly accurate prediction of whether the azeotrope will cease to exist below the critical pressure.

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