

# B-C IS BEST!

**Year In and Year Out  
Day In and Day Out**

Most edible oil refiners have found this statement true over the years.

## IF you want . . . .

- economical bleaching
- less FFA rise
- greater stability
- less filter cloth replacement
- better clay uniformity

*in other words  
Better-Cheaper Bleaching*

**USE B-C**



**BENNETT-CLARK CO., INC.**

P. O. Box 951

NACOGDOCHES, TEXAS



H. I. Waterman (center), University of Delft, Delft, Holland, exchanges ideas on the analysis and hydrogenation of vegetable oils with chemists at the Southern Regional Research Laboratory, New Orleans. Above are Frank G. Dollear (left), in charge of the Properties Section, Oil and Oilseed Division; and J. G. Kroonen, research fellow from Holland, sponsored for a year's training at the Laboratory by the Coolidge Foundation of New York City.

## New Literature

A myriad of uses of papain, the protein-digesting enzyme obtained from the tropical papaw and carica papaya fruit, are reported in a monograph just published by the New York Academy of Sciences, which brings together for the first time the results of world-wide investigation of the therapeutic values of papain.

The Annual Report of the National Bureau of Standards for 1950, Miscellaneous Publication 200, 113 pages, 28 half-tone illustrations, may be ordered for 50¢ from the Government Printing Office, Washington 25, D.C. This publication summarizes the scientific investigations conducted by the National Bureau of Standards during the fiscal year 1950 and contains accounts of current activities as well as more detailed descriptions of especially important scientific developments. The scope of research and development at the NBS, both theoretical and practical, is indicated by the names of the 13 scientific and technical divisions, including chemistry.

The Fisher Scientific Company has issued a new edition of its reference manual, "The Fisher Gas-Analysis Manual," which brings together all the up-to-date information on the subject and shows the latest Fisher equipment for gas analysis. Copies may be obtained, free of charge, on request.

Read Standard Corporation has issued a new 12-page catalog on Read Standard Chemical Processing Equipment. Copies of the catalog are available on request.

The Abbe Engineering Company has prepared Catalog No. 68, describing the Abbe Dispersal Mixer.

The Development and Research Division of the International Nickel Company Inc. has issued a new technical booklet, T-17, on the fabrication and design of nickel and high nickel alloy pipe and tubing. It contains 27 pages illustrated by drawings and photographs.

The Perkin-Elmer Corporation has prepared an illustrated, 32-page technical bulletin giving complete specifications and descriptions of all accessories and components available for infrared analysis with the new, mobile Model 12-C Infrared Spectrometer.

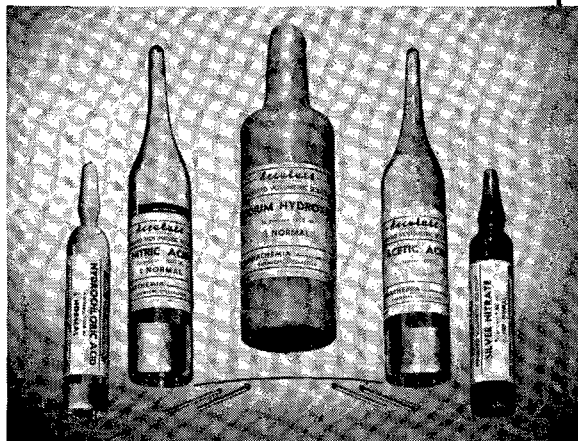
(EDITOR'S NOTE: If you are interested in obtaining any of the literature mentioned above or any further information concerning various products, please write to People and Products department, Journal of the American Oil Chemists' Society, 35 E. Wacker Drive, Chicago 1, Ill.)

M. L. Crossley, Florence E. Wall, and John R. Bowman were elected councilors at the annual business meeting of the American Institute of Chemists, held in Niagara Falls, Ont., on May 10.

# ACCULUTE

... for rapid, accurate preparation of Volumetric Solutions.

... Laboratories requiring speed and accuracy are using Acculute with excellent results.



**ACCULUTE SAVES TIME**—Open the ampoule—transfer the contents to a volumetric flask—dilute to volume (1000 ml)—your volumetric solution is prepared.

**ACCULUTE IS RELIABLE**—Close control of the special manufacturing processes insures uniformity of the product. Acculute does not vary in chemical content—you can depend on it.

**ACCULUTE IS ACCURATE**—Each ampoule contains the precise concentrated equivalent of the normality stated on the label. There is no need for subsequent standardization.

Caustic solutions are supplied in wax ampoules, others in chemically resistant glass.

Complete instructions for preparing Acculute solutions are furnished with each unit.

A special bulletin, listing Acculute concentrates with prices and discounts will be sent on request.

# ACCUTINT

**pH TEST PAPERS**

**Simple**

**Rapid**

**Accurate**



Accutint is simple to use—just place a strip of the paper in contact with the substance to be tested and compare the color of the exposed portion with the master colors on the vial.

Accutint is rapid—it gives immediate results—no calculations are necessary—visual color comparison indicates the pH value.

Accutint is accurate—to 1 pH in the wide range paper and to 0.3 pH in the fractional range. Wide range papers are recommended where the pH value is not known to be within the limits of a fractional range paper. Fractional range papers are used for greater accuracy after the range has been determined.

**S-65277 ACCUTINT TEST PAPERS.** Packed in glass vials, each vial contains five pads or 100 strips. Color chart and instructions are included with each vial. Per Vial.....\$0.65  
Per 72 Vials.....10% Discount

**S-65278 MASTER COLOR CHART.** Illustrates color standards and readings for every pH value in each of the twenty-three wide and fractional ranges. Chart helps in the selection of the most suitable ranges or papers for a specific purpose. Each.....\$1.00

## SARGENT

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SOUTHWESTERN DIVISION, 5915 PEELER STREET, DALLAS 9, TEXAS

Paul R. Shildneck, research director since 1947, has been named assistant technical director of A. E. Staley Manufacturing Company, Decatur, Ill. He will continue to supervise research activities in addition to his new duties. Schildneck is the inventor of the Staley process for making monosodium glutamate, the taste improver, from corn protein.



FISHER SCIENTIFIC COMPANY has appointed Samuel W. Levine as director of development. A researcher in X-ray and emission spectroscopy, the properties of petroleum reservoirs, and hydrocarbon thermodynamics, he was also active in the development of pioneer microwave radar systems in World War II at the Massachusetts Institute of Technology radiation laboratory.

Appointment of Stanley A. Thompson as manager of the special oils technical service department, ARCHER-DANIELS-MIDLAND COMPANY, is announced by S. O. Sorensen, vice president in charge of research of the Minneapolis firm. He will assist customers in the solution of technical problems in the manufacture of paint, varnish, lacquer, and other protective coatings.

A new titration method with two delivery units, and a pH meter that operates direct on line current (no batteries) are described in folder AOC-5, issued by Wilkens-Anderson Company, Chicago.

ALLIED CHEMICAL AND DYE CORPORATION announces the appointment of Carlton Bates as vice president in charge of the alkali section of the Solvay Process Division.

A new Exsolex oil mill has been installed by the Glidden Company at their Buena Park, Calif., plant for operation on flaxseed, soybeans, and other oleaginous materials, the V. D. ANDERSON COMPANY reports. The plant began operation around the middle of May and is of the type designed to extract several oleaginous materials.

## Books Wanted

Adelphi College, Garden City, N. Y. is seeking periodicals and pamphlets to increase its library. The request states: "if you have any, send them as a gift. Don't bother to sort them out. Put them into a sturdy box and send them collect via American Express. They will be cleaned, rebound and put to good use. If you want to sell your material, inform the college of what you have and the price."

Bulletin 515, "Apparatus Notes," issued by Andrew Technical Service, describes laboratory equipment including portable autoclave, midget refrigerator, vacuum control monostat, motor-driven blender, Rotameter flowmeter, stainless steel filter, flash evaporator for heat sensitive solutions, stopwatches, stainless steel needle valves, and non-corrosive pumps.

## Cincinnati Goes to Work

A joint luncheon meeting of committee personnel for the 1951 fall meeting in Chicago and the 1952 fall meeting in Cincinnati for the pooling of ideas will be arranged for October 9, 1951, at the Edgewater Beach hotel by N. A. Ruston, Cincinnati chairman, during the course of the 1951 fall meeting.

Appointments for the Cincinnati meeting October 20-22, 1952, by Mr. Ruston are as follows:

Vice chairman—Procter Thomson  
 Entertainment—R. F. Brown  
 Exhibits—Kenneth Hawley  
 Hotels—R. A. Behrmann  
 Inspection trips—G. W. Holman  
 Program—R. C. Stillman  
 Publicity—A. K. Presnell  
 Registration—V. J. Muckerheide  
 Banquet—Joseph L. Trauth  
 Printing—J. T. R. Andrews  
 Treasurer—E. W. Eckey  
 Ladies—Mrs. Procter Thomson  
 Advisory—C. P. Long, A. S. Richardson

Preliminary plans for the 1952 meeting have already been started by the Cincinnati group.

## People and Products

WALDO C. AULT, Eastern Regional Research Laboratory, Philadelphia, Pa., is the author of an article, "Animal Fats and Oils as Industrial Raw Materials," in the September issue of *Chemurgic Digest*. The article is the report of a study in which certain phases were carried on under the Research and Marketing Act of 1946.

ALLIS-CHALMERS has begun construction on the first rice bran continuous solvent extraction plant in the Far East. The 50-ton-per-day plant will be located in Taiwan (Formosa) and will be operated by the Taiwan Agricultural Chemistry Works.

DISTILLATION PRODUCTS INDUSTRIES, Division of Eastman Kodak Company, has issued an invitation to oil and fat producers to discuss the possibility of producing special monoesters to meet particular needs. The company is now ready to start making a kind of fat that clings to water instead of repelling it, by high vacuum distillation, on a tonnage basis if desired.

A two-year, multi-million-dollar program of plant expansion at the Painesville, O., plant of DIAMOND ALKALI COMPANY has been announced. The project includes extensive enlargement and modernization of present facilities which will enable the company to set up the output of caustic soda and chlorine substantially by the electrolytic method.

The Industrial Chemicals Division of the AMERICAN CYANAMID COMPANY announces the appointment of A. J. Weith as product supervisor in the Synthetic Organic Chemicals department.

THE KELLEX CORPORATION, specialist research and engineering firm, announces a change of name to Vitro Corporation of America. It was originally organized in January, 1943, as a subsidiary of the M. W. Kellogg Company.

S. C. Ogburn Jr., director of research and development, FOOTE MINERAL COMPANY, Philadelphia, Pa., is serving on the general committee for the December 1951 meeting of the American Association for the Advancement of Science and is also on the subcommittee on exhibits of the Annual Exposition of Science and Industry.

Charles H. Carter Jr. has been appointed assistant general manager of ATLAS POWDER COMPANY'S industrial chemicals department. He will be responsible for the coordination of sales development and operations of the industrial chemicals department with the activities of the research, engineering, and purchasing departments.

## Density Charts In English Units On Cottonseed And Peanut Oil Miscellas Are Available For Industrial Use

OPERATORS of oilseed solvent-extraction plants and designers of solvent-recovery equipment should welcome a new set of six usable charts which show technical data on the densities and gravities as related to the composition of mixtures of cottonseed and peanut oils in hexane.

The curves, which were plotted at the U. S. Department of Agriculture's Southern Regional Research Laboratory in New Orleans, Louisiana, apply over the ranges of operating temperatures used in commercial oilseed solvent-extraction and solvent-crystallization processes. The values are in English units for the convenience of operators and manufacturers and are based on experimental data obtained previously but expressed in metric units. In the replotted charts, densities are in pounds per cubic foot and per gallon; temperatures are in Fahrenheit; and specific gravities are on the basis of the density of water at 60°.

This series of curves complements another set made available last year by the Southern Regional Research Laboratory which showed data in English units on the boiling point-vapor pressure-constant composition parameters of oilseed miscellas in hexane. The earlier curves were a replotting also of previous data in metric units.

The set of charts can be obtained by writing the Southern Regional Research Laboratory, 2100 Robert E. Lee boulevard, New Orleans 19, Louisiana. They will be sent in a booklet identified as AIC-292, "Densities and Gravities of Cottonseed and Peanut Oil Miscellas in English Units," by Kenneth M. Decossas, Frederick A. Deckbar Jr., and Joseph L. Hecker (deceased). The curves may be reprinted with suitable acknowledgment.

## De Laval Names President

C. B. Schmidt has been elected president of the De Laval Separator Company, 165 Broadway, New York, effective April 11, 1951. Mr. Schmidt has been associated with De Laval for the past 29 years. He started with the Company as a young salesman at the New York office and was then transferred to the Chicago office. Subsequently he became manager of the Industrial Department at Chicago and following this he served for 14 years as general manager of De Laval's western division. In 1945 he was recalled to New York to assume the office of vice president.

George W. Smith has been elected chairman of the Board of Directors of the De Laval Separator Company.

RALPH W. BAILEY has retired as president and director of Stillwell and Gladding Inc. as of July 1, 1951, due to ill health, after service since 1895 with that firm. A specialist in the analysis of glycerine and oils, he has been a member of the American Chemical Society for 56 years and is a member of the American Pharmaceutical Association and of the American Oil Chemists' Society.