

Literature Available . . .

Air Drier. A mechanically refrigerated air drier, producing a constant supply of air with a dew point of -110° , is described. Unit is available in capacities from 4 CFM and up. MURPHY & MILLER INC. **L1**

Alkylalanines. Technical data sheets on two alkylalanines. The compounds are alkylalanine C-5, average of five carbons for the ring substituted alkyl group, and alkylalanine C-12, a mixture in which the alkyl group averages 12 carbons. Data sheets suggest that the chemicals could be evaluated as intermediates for insecticide and herbicide applications. MONSANTO CHEMICAL CO. **L2**

Automatic Packaging. Folder in color explains and describes application of automatic machinery to achieve low cost high speed packaging. Systems to handle liquid, granular, and powdered products are illustrated. Complete data is given on package types, sizes, and materials. STOKES & SMITH CO. **L3**

Carborundum. Booklet gives latest physical and chemical properties on super refractories. Booklet is illustrated with discussions of various applications of refractories. CARBORUNDUM CO. **L4**

Demineralizing Water. Comprehensive 40-page book, "Handbook on Demineralizing" compares various methods of water treatment. Characteristics of various types of cation and anion exchange materials are discussed with data on costs of demineralizing. Typical flow diagrams, photos, and chemical results obtained with demineralization are included. COCHRANE CORP. **L5**

Electric Trucks. Catalog illustrates and describes a line of electric trucks. Rider type trucks for operation on 6-ft. aisles are featured. RAYMOND CORP. **L6**

Essential Oils. Catalog and price listing of essential oils, aromatic chemicals,

and certified colors. Catalog contains 36 pages of price and product information in a handy pocket size booklet. DODGE & OLCOTT, INC. **L7**

Glycol Ethers. Booklet covers Cellosolve and Carbitol solvents, describing nine glycol ethers available in commercial quantities. A section on specifications of the glycol ethers and test methods used to check these specifications is included. CARBIDE & CARBON CHEMICAL CO. **L8**

Hydrogen Peroxide. Interesting possibilities that exist for technological uses of hydrogen peroxide vapor, and techniques for generation of the vapor are discussed in this bulletin. A summary of information on hydrogen peroxide vapor is included. Most of the information until now on hydrogen peroxide has been on the liquid form; relatively little has been published on hydrogen peroxide vapor. BECCO CHEMICAL DIVISION **L9**

Hydrophile Lipophile Balance. Pamphlet outlines method for calculation of HLB (hydrophile lipophile balance) numbers of nonionic surface active agents. HLB numbers indicate whether a given material is hydrophilic or lipophilic. HLB numbers are useful in selecting surfactants for formulation of various types of emulsions. ATLAS POWDER CO. **L10**

Insecticide Formulations. Catalog introducing a line of diluents for insecticides gives recommended formulations, solubility data, and other pertinent physical properties of interest to formulators. EASTERN STATES CHEMICAL CORP. **L11**

Labwasher. Automatic dishwasher for washing and drying laboratory glassware is described. Washer has a manual control for altering standard cycle of operation; a thermostat is also included to insure proper water temperature. If water is below optimum temperature, an electri-

cal heating element switches on to heat the water. CHEMICAL RUBBER CO. **L12**

Plastic Pipe. Catalog of a line of plastic pipe and fittings. A corrosion chart classifying more than 200 corrosives and their effects on plastic pipe is included. ALPHA PLASTIC INC. **L13**

Polyethylene Lab Ware. Brochure lists 50 different laboratory items made of polyethylene. Includes such standard laboratory items as beakers, funnels, tubing, and graduated cylinders. SCIENTIFIC GLASS APPARATUS CO. **L14**

Pressure Strainers. Bulletin covers 15 types of high and low pressure strainers for oil, water, steam, or chemical lines. Application, design features, and operating characteristics of the various strainers are discussed in the reference type book. SCHUTTE & KOERTING CO. **L15**

Process Equipment. Catalog describes facilities of large manufacturer of stainless steel processing equipment. Includes a comprehensive corrosion data table listing corrosive action of 200 different chemicals on various metals. NOOTER CORP. **L16**

Research and Development Lab. Folder introduces a research and development testing laboratory. Answers 12 of the most frequently asked questions about operation of an independent laboratory and how it can work for industry. SAM TOUR & CO. **L17**

Resin Catalysts. Bulletin describes use of ion exchange resins as catalysts. Since ion exchangers can be considered insoluble acids or bases, they may be expected to promote reactions catalyzed by conventional acids and bases. A new process for epoxidation of fats and oils using ion exchangers as a catalyst is discussed. DOW CHEMICAL CO. **L18**

Spraying System. An insecticide spraying system operating on compressed air for dairy barns is described in this bulletin. The sprayer is a bottle type unit, needing a low cost portable air compressor as an air source. SPRAYING SYSTEMS CO. **L19**

Steel Drums and Pails. Recommended specifications for 55- and 30-gallon drums and 5-gallon pails. Buyers of steel shipping containers should be interested in these recommended specifications. STEEL SHIPPING CONTAINER INSTITUTE **L20**

Steel Shipping Containers. Catalog illustrates and gives specifications for a variety of steel shipping containers. Illustrations and descriptions of various types of spouts available for use with pouring pails and tight head drums are included. GEUDER, PASCHKE & FREY CO. **L21**

Titration Cell. Data sheet on an amperometric titration cell. The illustrated bulletin describes the applications and advantages of the apparatus when used with a polarographic instrument for analytical investigations. PRECISION SCIENTIFIC CO. **L22**

Viscosity Conversion. Viscosity conversion chart provides quick convenient means of translating viscosity measurements from one standard into seven other standard units. Compensates for the lack of standardization of viscosity measurement by providing a means for converting from one system to another. NOPCO CHEMICAL CO. **L23**

Water Treatment. Process of chloride anion exchange for boilerfeed water is discussed. Techniques for economical dealcalizing of water are outlined. COCHRANE CORP. **L24**

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