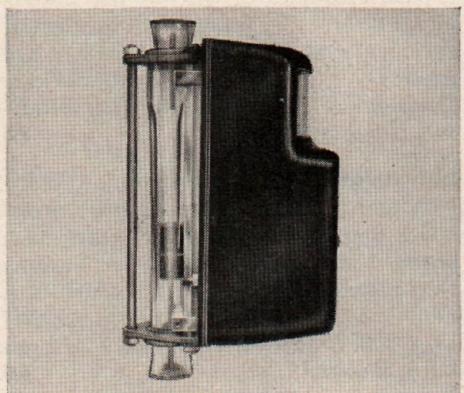


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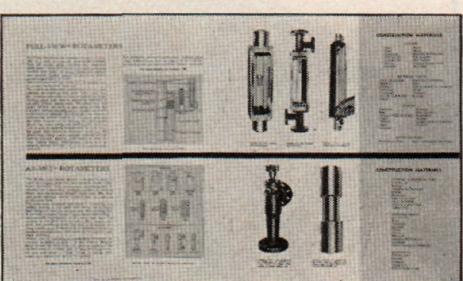


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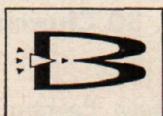


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## CHEMICALS AND MATERIALS

**Fatty Acids.** Basic technical booklet on fatty acids from crude tall oil is now available. Properties, applications, and information on shipping, storing, and handling are included. *Dept. IEC, Hercules Powder Co., Wilmington 99, Del.* **71**

**Aliphatic Amine.** Technical bulletin gives information on new low-cost, non-volatile aliphatic amine mixture designated as Amine 248. The chemical's properties indicate a variety of possible uses. *Dept. IEC, Industrial and Biochemicals Dept., D 4012-A, E. I. du Pont de Nemours & Co., Inc., Wilmington 98, Del.* **72**

**Urethane Foam Blowing.** Publication entitled "Blowing Foams with Iso-tron" describes method of blowing foams with fluorinated hydrocarbons for economy and uniformity of foams produced. Comparisons of physical property data and listing of uses for urethane foams are included. *Dept. IEC, Pennsalt Chemicals Corp., 3 Penn Center, Philadelphia 2, Pa.* **73**

**Chemical Products Catalog.** Two-color, 36-page product catalog and directory lists specifications, end uses, and other technical data for more than 1000 Borden Chemical products. *Dept. IEC, Borden Chemical Co., 350 Madison Ave., New York 17, N. Y.* **74**

**Plasticizer Catalog.** Complete line of plasticizers is featured in 32-page publication containing physical and chemical properties, specification data, selection guide, compatibility tables, and performance charts. L-104 catalog also gives vapor pressure and viscosity graphs. *Dept. IEC, Eastman Chemical Products, Inc., Kingsport, Tenn.* **75**

**Hydroxyethylcellulose.** Sixteen-page booklet contains data on properties, preparation of solutions, film and coating properties, preparation of water-insoluble films, applications, shipping, and test methods for Cellosize hydroxyethylcellulose. *Dept. IEC, Union Carbide Chemicals Co., 30 East 42nd St., New York 17, N. Y.* **76**

**Chemicals for '60.** New folder offers 11 different chemicals in development quantities and 12 chemicals in commercial quantities. Primary fields of interest are nitrogen heterocyclics, organic arsenicals, and methylated products. *Dept. IEC, Ansul Chemical Co., 101 Stanton St., Marinette, Wis.* **77**

**Chlorine.** Properties, shipping information, and uses for liquid chlorine are detailed in new data sheet just issued. *Dept. IEC, Chlorine and Caustic Soda*

Sales Dept., U. S. Industrial Chemicals Co., 99 Park Ave., New York 16, N. Y. **78**

**Conditioners for Hygroscopic Salts.** Booklet is now available on cationic chemicals as conditioners for hygroscopic salts and fertilizers. Nine chemicals and formulations are covered, giving application methods and recommended uses. *Dept. IEC, Armour Industrial Chemical Co., 110 North Wacker Drive, Chicago 6, Ill.* **79**

**Rust and Corrosion Control.** "New Color Horizons" is 38-page systems catalog (Form No. 259), a comprehensive treatise on rust and corrosion control by protective coatings, highlighting the use of attractive colors in coatings. *Dept. IEC, Rust-Oleum Corp., 2799 Oakton St., Evanston, Ill.* **80**

**Acetylene-Derived Copolymers.** Information on new types of commercially available vinylpyrrolidone—vinyl acetate copolymers and their numerous applications is contained in 20-page, two-color publication. Bulletin AP-88 Rev. includes technical data, formulations, and physiological data. *Dept. IEC, Antara Chemicals, General Aniline & Film Corp., 435 Hudson St., New York 14, N. Y.* **81**

**Cryogenic Fluids.** Folding pocket card tabulates physical property data of those cryogenic fluids most useful to engineers in the chemical and missile industries. Form 1341 gives boiling and melting points, critical temperatures and pressures, volume, mass, and thermal equivalents, and conversion factors. *Dept. IEC, Linde Co., Division of Union Carbide Corp., 30 East 42nd St., New York 17, N. Y.* **82**

**Cryolite.** "Cryolite—Properties and Industrial Applications" is a 24-page booklet on history, physical and chemical properties, and uses of natural cryolite. Publication is illustrated and indexed. *Dept. IEC, Industrial Chemicals Division, Pennsalt Chemicals Corp., 3 Penn Center, Philadelphia 2, Pa.* **83**

**Acrylic Paint Emulsions.** New 54-page, soft-cover book gives detailed information on the results of a six-year study of applications and exposure tests

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## MANUFACTURERS' LITERATURE

of exterior acrylic-based paints. *Dept. IEC, Rohm & Haas Co., Washington Square, Philadelphia 5, Pa.* **84**

**Porous Metal Filters.** New technical brochure details capabilities and gives typical examples of wire-wound porous metal filters. Technical data in form of specifications, drawings, and curves are presented. *Dept. IEC, Bendix Filter Division, 434 West 12 Mile Rd., Madison Heights, Mich.* **85**

**Industrial Heat Insulation.** Folder lists many outstanding physical properties and benefits of Careytimp insulation. Performance data for various thicknesses of insulation are included. *Dept. IEC, Industrial Insulation Division, The Philip Carey Mfg. Co., Plymouth Meeting, Pa.* **86**

**Thermal Insulation.** Catalog IN-244A completely describes thermal insulations for all types of commercial and industrial requirements, in applications ranging from  $-400^{\circ}$  to  $3000^{\circ}$  F. *Dept. IEC, Johns-Manville Sales Corp., 22 East 40th St., New York 16, N. Y.* **87**

**Product List.** Booklet now available lists products of Minerals & Chemicals Corp., including aluminum silicate pig-

ments, Attapulgus clay products, and activated bauxite products. Tables include descriptions and properties for all products. *Dept. IEC, Minerals & Chemicals Corp. of America, 20 Essex Turnpike, Menlo Park, N. J.* **88**

**Hydrogen Peroxide.** Solvay technical bulletin contains 63 pages of practical information on properties of hydrogen peroxide and its water solutions, handling, dilution, and storage. *Dept. IEC, Solvay Process Division, Allied Chemical Corp., 61 Broadway, New York 6, N. Y.* **89**

**Chemical Index.** Fifth edition of the Reilly Chemical Index contains a comprehensive listing of chemicals produced by this company, listed alphabetically and according to classes. *Dept. IEC, Reilly Tar & Chemical Corp., Merchants Bank Bldg., Indianapolis 4, Ind.* **90**

**Chemical Product Listing.** New brochure lists all products of Union Carbide Corp., including subsidiaries, and tells where they may be purchased. Edition for 1960 is publication F-10043C. *Dept. IEC, Union Carbide Corp., 30 East 42nd St., New York 17, N. Y.* **91**

**Plastic and Chemical Materials.** New 12-page illustrated brochure describes complete line of polycarbonate resins, phenolic resins, varnishes and molding powders, and fused magnesium oxide. Product features, special properties, and detailed technical data are included. *Dept. IEC, Chemical Materials Dept., General Electric Co., One Plastics Ave., Pittsfield, Mass.* **92**

**Molybdenum Metal.** Constitution Diagrams—latest bulletin in series "Molybdenum Metal Technical Notes"—has been published to provide convenient, condensed data and selected references on binary and more complex diagrams pertaining to molybdenum. Previous bulletins in the same series are also available. *Dept. IEC, Climax Molybdenum Co., Division of American Metal Climax, Inc., 500 Fifth Ave., New York 36, N. Y.* **93**

**Platinum Group Metals.** Catalog lists products available from platinum and other platinum group metals. Included are specific products as well as sheet, wire, tubing, and foil. *Dept. IEC, Metals & Controls, Division of Texas Instruments Inc., Attleboro, Mass.* **94**

**Molybdenum.** Brochure describes applications, physical properties, and production processes of molybdenum. Commercially available forms are listed and new applications are explored. *Dept. IEC, Chemical & Metallurgical Division, Sylvania Electric Products Inc., Towanda, Pa.* **95**

**Column Packing.** Three brochures present descriptive material and performance data for Goodloe Packed Laboratory Columns, Panapack Column Packing, and Goodloe Column Packing, respectively. *Dept. IEC, Packed Column Corp., 30 Church St., New York 7, N. Y.* **96**

**Industrial Filter Paper.** A 23-page catalog discusses problems encountered in solids-fluids separation and provides specifications and guide to selection of optimum grades of standard industrial filter papers. *Dept. IEC, Eaton-Dikeman Co., Mount Holly Springs, Pa.* **97**

**PVC Plasticizer.** Polymeric plasticizer NP-10, a highly stable plasticizer of moderate molecular weight, is the subject of new bulletin. Performance data

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## MANUFACTURERS' LITERATURE

showing effects of plasticizing poly(vinyl chloride) with this product are presented. *Dept. IEC, Eastman Chemical Products, Inc., Kingsport, Tenn.* **98**

**Physical Properties of Organics.** Twenty-eight-page booklet describes more than 400 synthetic organic chemicals, including information on applications, physical properties, and shipping data. *Dept. IEC, Union Carbide Chemicals Co., 30 East 42nd St., New York 17, N. Y.* **99**

**Physical Properties of Synthetic Organics.** A 1960 edition of "Physical Properties—Synthetic Organic Chemicals" is now available. This annual reference reviews established commercial chemicals and describes new ones. *Dept. IEC, Union Carbide Chemicals Co., Division of Union Carbide Corp., 30 East 42nd St., New York 17, N. Y.* **100**

**Pyridines and Piperazines.** New 20-page booklet contains extensive data on five pyridines and six piperazines, including properties and uses. *Dept. IEC, Union Carbide Chemicals Co., 30 East 42nd St., New York 17, N. Y.* **101**

**Fused Quartz.** New 30-page catalog contains industrial and laboratory products made of pure fused quartz and includes price list. *Dept. IEC, Thermal American Fused Quartz Co., 18-20B North Salem St., Dover, N. J.* **102**

**Radiochemicals.** More than 200 compounds containing carbon-14, sulfur-35, phosphorus-32, or tritium are described and priced in the new radiochemical Schedule E which is now available. *Dept. IEC, Nuclear-Chicago Corp., 359 East Howard Ave., Des Plaines, Ill.* **103**

**Reinforced Fiberglas Panels.** Four-page booklet gives product specifications, uses, and application techniques for flat and corrugated Fiberglas reinforced plastics in industrial plant construction. *Dept. IEC, American Polyglas Corp., Thirteenth St., Carlstadt, N. J.* **104**

**Surfactants.** New 8-page bulletin lists surfactants with information on end uses and physical properties. New products listed for first time are nonyl-phenoxyacetic acid and lauroylimino-nodiacetic acid, carboxylic type surfactants with corrosion inhibiting properties. *Dept. IEC, Geigy Industrial*

*Chemicals Division, Geigy Chemical Corp., Saw Mill River Rd., Ardsley, N. Y.* **105**

**Titanium.** A 57-page booklet, "Making the Most of Titanium in the Chemical Process Industries," includes discussion of titanium equipment applications, corrosion data for many types of environments, and bibliography of published literature giving additional titanium information. *Dept. IEC, Crucible Steel Co. of America, Pittsburgh 30, Pa.* **106**

## INSTRUMENTS

**Analog Computers.** Brochure describes line of general and special purpose analog computers and accessories. *Dept. IEC, Computer Systems, Inc., 611 Broadway, New York 12, N. Y.* **107**

**Hydrocarbon Detector.** Brochure describes new Model 213 Hydrocarbon Detector, completely self-contained portable instrument for rapid measurement of total organically bonded carbons in atmosphere or gases. *Dept. IEC, Instrument Division, Perkin-Elmer Corp., Norwalk, Conn.* **108**

**Continuous Oxygen Measurement.** Magnox Analyzer, a unit for continuous measurement of oxygen in gases, is covered in Bulletin 1059. Applications to a variety of processes are detailed in this publication. *Dept. IEC, Milton Roy Co., 1300 Mermaid Lane, Philadelphia 18, Pa.* **109**

**Pyrometers.** Three bulletins, 0031, 0032, and 0035, describe operating features, applications, standard ranges, and specifications of indicating pyrometers. *Dept. IEC, Atlantic Pyrometers, Inc., 190 Warburton Ave., Hawthorne, N. J.* **110**

**Corrosive Service Rotameters.** Bulletin No. 150 gives details of materials used in making rotameters for corrosive applications. Various meter designs which have been proved in the field are illustrated and described in detail. *Dept. IEC, Brooks Rotameter Co., P.O. Box 432, Lansdale, Pa.* **111**

**Pneumatic Transmitting Rotameters.** Bulletin 18N describes recently introduced line of pneumatic transmitting

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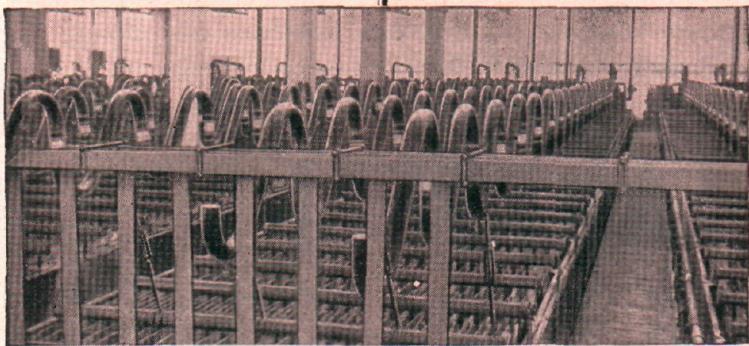


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