

Literature Available . . .

Acetonedicarboxylic Acid. Pilot plant quantities of this high purity, white crystalline material are available for preparation of insecticides, chelating agents, amino acids, and as a synthetic intermediate. CHAS. PFIZER & Co., INC. **L1**

Anhydrous Ammonia. Illustrated booklet discussed ammonia synthesis from natural gas. General characteristics and advantages of the process are discussed. The booklet is illustrated with photographs and flow diagrams. FOSTER WHEELER CORP. **L2**

Bagging Scale. Product data sheet describes an improved bagging scale. Equipped for either manual or automatic operation, the scale will handle a variety of granular material. In addition to describing operation of the scale there is a discussion of standard and optional discharge features. RICHARDSON SCALE CO. **L3**

Car Icer. Folder describes a dock-type railroad car icer. It is a self propelled machine for high speed bunker icing designed primarily for the mechanization of existing icing docks. The icer handles 300- or 400-lb. cakes of ice from a dock conveyor, and crushes the cakes delivering chunk or crush ice to the car bunker. LINK BELT CO. **L4**

Chelating Agents. Two bulletins on new chelating agents: Chel DM-41, trisodium hydroxyethyl ethylenediaminetriacetate, and Chel DM Acid, hydroxyethyl ethylenediaminetriacetic acid. The products are metal complexing agents similar to EDTA. GEIGY INDUSTRIAL CHEMICALS **L5**

Cotton Insects. Pocket size booklet shows cotton insects in natural color; illustrations include the boll weevil, cotton flea hopper, thrip, cut worm, army worm, and other common cotton insects. There is a discussion of the use of various formulations of Heptachlor for control of cotton insects. VELSICOL CORP. **L6**

Distilled Water Storage. Bulletin describes a line of distilled water storage tanks. The tanks are available in either aluminum or tinned copper, in seven sizes from 10 to 500 gallons. PRECISION SCIENTIFIC CO. **L7**

Essential Oils. Catalog of essential oils and flavors, includes discussion of applications of some of the oils and flavors in such diverse fields as aerosols and dill pickles. MAGNUS MABEE & REYNARD, INC. **L8**

Food Processing Equipment. Advantages of stainless castings in food processing equipment are discussed in this illustrated booklet. A table of standard designations and chemical composition ranges for stainless steels is included. ALLOY CASTING INSTITUTE **L9**

Gelatin. Technical bulletin on gelatin discusses chemical properties and manufacture of commercial gelatin as well as specifications of various grades available for manufacturing processes. Intended primarily for manufacturers who use gelatin pharmaceutically or in some related product. GELATIN RESEARCH SOCIETY OF AMERICA **L10**

Gluconic Acid. Index-type technical bulletin outlines uses and properties of gluconic acid, a relatively nontoxic organic acid made by fermentation. Charts, reactions, derivatives, specifications, and a number of selected references are included. CHAS PFIZER & Co. **L11**

Household Insects. Householders who face insect problems may get help in identification and control from this household insect folder. The 16-page booklet describes a number of common household insects and discusses control measures. VELSICOL CORP. **L12**

Irrigation Pumps. Vertical turbine pumps for irrigation water supply are described in this 8-page bulletin. Photographs of a variety of pumping installations are included. There is also a condensed selection table relating horsepower and head capacity ratings of turbine pumps. LAYNE & BOWLER PUMP CO. **L13**

Literature Checklist. Checklist in form of annotated bibliography of technical literature available from Diamond Alkali. Literature available includes: reference manuals and handbooks, technical bulletins and data sheets, product folders and leaflets, and miscellaneous publications. DIAMOND ALKALI CO. **L14**

Materials Handling. Hard cover book of 48 pages contains engineering and application information on stainless steel conveyors. Detailed descriptions of characteristics, capacities, and design are included. SANDVIK STEEL BELT CONVEYORS **L15**

Organic Chemical Catalog. Catalog of organic chemicals produced in commercial or semi-works quantities. A catalog index is included which lists each product under chemical abstracts name and most common synonyms. Shipping standards and hazards, if present, are discussed. ANTARA CHEMICALS **L16**

pH Guide. Illustrated guide shows how to match components such as meters, flow or immersion assemblies, and switches with currently available equipment. Guide shows which components replace older units and how old and new components can be used together. BECKMAN INSTRUMENTS INC. **L17**

Phosphorus Pentasulfide. Technical bulletin on distilled phosphorus pentasulfide available in granular form. Chemical is composed of almost 28% phosphorus and 72% sulfur, with a melting point of 280° C. Can be used as an intermediate for synthesis of insecticides and a variety of organic compounds. MONSANTO CHEMICAL CO. **L18**

Pressure Generators. Bulletin describes pressure generators designed to produce hydrostatic pressures as much as 500 times greater than normal plant air supplies. Information includes capacity pressure ranges, theory of operation, and application details in high pressure synthesis. MILTON ROY CO. **L19**

Radiochemicals. Booklet on radioisotope reagents contains an introductory section giving background information on what radiochemicals are and how they are used in industrial research. More than 130 organic and inorganic radiochemicals are listed. ALLIED CHEMICAL & DYE **L20**

Refrigeration. Illustrated 16-page bulletin covers specifications and features of multicylinder compressors for use in air conditioning, food storage, and process work. There is a discussion of low temperature booster service. FRICK CO. **L21**

Silicone Rubber. A 4-page bulletin on Silastic, silicone rubber. Bulletin is divided into 5 sections, detailing properties and performance as affected by extreme temperatures, weathering, compression, chemicals and dielectric service. Illustrated with charts, tables, and application photographs. DOW CORNING CORP. **L22**

Urea Synthesis. Booklet discusses urea synthesis by the Pechiney process. Illustrations and flow diagrams are included to show this method for manufacturing urea from ammonia and carbon dioxide. FOSTER WHEELER CORP. **L23**

Vacuum Pumps. Catalog contains 52 pages of product listings and engineering details on high vacuum pumps. Containing many curves, tables, charts, and other technical data, the catalog is almost a reference book on vacuum engineering. NEW YORK AIR BRAKE CO. **L24**

Readers' Information Service
JOURNAL OF
AGRICULTURAL AND FOOD CHEMISTRY
430 Park Ave.
New York 22, N. Y.

*For additional information
 circle desired items
 fill coupon and mail to*

SEPTEMBER 1955

NEW PRODUCTS AND EQUIPMENT	1	2	3	4	5	6				
LITERATURE	11	12	13	14	15	16	17	18	19	20
	21	22	23	24						

Name _____ Position _____
 Company _____
 Street _____
 City _____ Zone _____ State _____

Inquiries for items listed not serviced after Jan. 1956