WHO WHAT WHERE WHEN WHY ?

Laboratory Construction Company Issues New Catalog

A very complete and attractive new catalog has just been issued by the Laboratory Construction Company, Kansas City, Mo. Laboratory equipment, including Kjeldahl Digestion Apparatus, Distillation Apparatus, Laboratory Equipment Tables, Electric Heaters, Wheat Grinders, Suction Fume Hoods, Crude Fiber Apparatus, Electrically Equipped Tables, Gas Burners, Utility Carts for Glassware, Chemicals and Kjeldahl Flasks, Acid Dispensing Stands and Sinks, is illustrated and described.

"Cutting Costs with Liquid Caustic Soda"

To operating men, executives, buyers and chemists at plants where caustic soda is used, the announcement by The Mathieson Alkali Works of a new 72-page book entitled "Cutting Costs with Liquid Caustic Soda" will be of interest.

As one of the pioneers in the distribution of liquid caustic soda, Mathieson is particularly well equipped to discuss this comparatively new industrial commodity. Their new book presents a thorough-going study of the economics of the "solid caustic vs. liquid caustic" question and gives much useful information on the handling of liquid caustic soda. Comprehensive technical data on sampling and analysis methods as well as on the properties of caustic soda and its aqueous solutions adds greatly to the value of the book as a handy reference manual.

The book is divided into four parts, the purpose and contents of which are well described in the foreword: "The material presented in this book is intended to serve a four-fold purpose. For the plant executive interested in a possible change from solid to liquid caustic soda, Part I contains facts which may enable him to judge the benefits of such a change in his own plant."

"For the plant operating man, Part II provides useful information on approved methods for the unloading, handling and storage of liquid caustic, including materials and types of construction best adapted to this service. The technical man will find in Part III comprehensive data on the properties of caustic soda and its aqueous solutions, including many useful tables and graphs, some of which are presented in an entirely new and more convenient form. Part IV gives up-to-date information on the sampling and analysis of caustic liquors which should prove helpful to the laboratory man."

The data contained in the book, it is stated, "is based upon the wide experience of Mathieson chemists and engineers and upon information gathered from authoritative reference sources." Picture sand charts have been used profusely to illustrate equipment and to present useful data in graphic form. Anyone interested in liquid caustic soda may obtain a copy of the book by writing to The Mathieson Alkali Works (Inc.), 60 East 42nd Street, New York, on business letterhead.

Thwing Issues New House Organ

The Thwing-Albert Instrument Company, Philadelphia, Pa., has recently published the first issue of a new house organ entitled "Thwing's Paper Tester."

In this first issue the technique of checking on basis weight of paper is fully discussed. Subsequent issues will deal with additional topics of interest to the manufacturers, converters, buyers and users of paper and paper products.

The articles will be written by outstanding authorities in the paper industry and written so that the average non-technical reader can understand them.

Factory Production of Fats and Oils

The Bureau of the Census announces that the factory production of fats and oils (exclusive of refined oils and derivatives) during the three-months period ended March 31, 1936, was as follows: Vegetable oils, 707,369,704 pounds; fish oils, 45,363,728 pounds; animal fats, 384,460,705 pounds; and greases, 71,680,264 pounds—a total of 1,208,874,401 pounds. Of the several kinds of fats and oils covered by this inquiry, the largest production, 324,470,365 pounds, appears for cottonseed oil. Next in order is lard with 252,738,938 pounds; linseed oil with 132,136,919 pounds; tallow with 130,141,723 pounds; coconut oil with 69,894,048 pounds; soybean oil with 64,142,131 pounds; corn oil with 30,869,344 pounds; peanut oil 19,776,863 pounds; castor oil with 18,568,082 pounds; babassu oil with 13,174,151 pounds; sesame oil with 23,332,740 pounds; and hempseed oil with 6,401,065 pounds.

The production of refined oils during the period was as follows: Cottonseed 325,958,457 pounds; coconut 87,262,038 pounds; peanut 31,077,406 pounds; corn 33,827,781 pounds; soybean 46,397,748 pounds; and palm-kernel 9,311,841 pounds. The quantity of crude oil used in the production of each of these refined oils is included in the figures of crude consumed.

U. S. Will Lend Rosin Standards

Amended regulations under the Federal Naval Stores Act were approved by the Secretary of Agriculture, on April 21, 1936, effective May 1, 1936. These regulations are entitled "Loan and Care of Duplicates of United States Standards." They give the terms under which sets of duplicates of the United States Standards for rosin will be issued on loan by the Department of Agriculture to "interested persons" having a genuine need for same. They may be lent to Federal, State or other official naval stores inspectors who are recognized by the Department of Agriculture as having been properly appointed under competent authority; to certain bona fide naval stores dealers and distributors who operate recognized naval stores yards serving the public; and to others who make use of the duplicates in their business. The latter are required to post $100 cash security which will be returned when the duplicates are returned in good condition.

The new regulations are issued as Supplement No. 9 to Department of Agriculture Miscellaneous Circular 22, entitled "Regulations for the Enforcement of the Naval Stores Act." Copy of this supplement may be obtained by writing the Naval Stores Division, Food and Drug Administration, Department of Agriculture, Washington, D. C.

New Bulletin on Soybean Processing and Equipment

Serving the Soybean Processor is the title of the brand new Bulletin No. 1262 just issued by Allis-Chalmers Mfg. Company, Milwaukee, Wisconsin. This is a very attractive well illustrated 16-page publication which contains authoritative data on soybean processing and equipment. It contains a chart of the ever-increasing usages of the soybean, gives a complete outline of the milling process, shows a typical soybean processing plant layout, takes up drying and equipment, and discusses the solvent extraction system. Those interested in the industrial possibilities of the soybean should ask for their copy promptly.