

• *New Literature*

STEPAN CHEMICAL has announced an extensive line of unique curing agents for epoxy resins. Called "Merginamides," these new polyamides are said to give epoxy coatings better chemical resistance, controlled curing, lower viscosity, higher gloss retention, better wetting and higher fill characteristics. Complete information including technical bulletins may be obtained by writing to Stepan Chemical Company, Edens & Winnetka, Northfield, Ill.

A new four-page illustrated folder is offered by BARNES ENGINEERING CO. on its wide range of infrared analytical accessories and cells. Description, prices and parts numbers are given for several new instruments—Pyrolizer, ATR unit, KBr Die and Beam Condenser—along with those of other IR accessories. (Bulletin 68-2, Barnes Engineering Co., Instrument Division, 30 Commerce Rd., Stamford, Conn. 06902.)

New literature on the Series RD single pen strip chart recorder/controller is available from BARBER-COLMAN. The Series RD instrument is only 8 $\frac{7}{8}$ in. wide and 10 $\frac{1}{2}$ in. high, yet makes use of a full 6 $\frac{1}{2}$ in. scale and chart. It is a null balance potentiometric instrument with solid state circuitry. The measuring circuit is fully shielded and guarded. Common mode and series mode rejection is high. When the instrument is used with an intermediate proportional controller, a 100% control slidewire is provided. Up to four front set and two back set control switches can be supplied. (Bulletin 1221.5 DB 2-4. Barber-Colman Company, Industrial Instruments Division, Rockford, Ill. 61101.)

NESTER-FAUST MFG. CORP. has available a bulletin on the Auto-Annular Teflon spinning band distillation system which provides a laboratory analytical distillation tool capable of high purity separations concurrent with ease of operation. The Auto-Annular still evolved as a highly rectifying device for researchers who are not familiar with precision distillation techniques. The Auto Annular still is an answer to the need for 99% to 99.95% purity on a semiautomated basis, where required operator technique has been minimized. (2401 Ogletown Road, Newark, Del. 19711.)

A new brochure describes Corning Labtop, a Pyroceram brand glass-ceramic laboratory work surface available from CORNING GLASS WORKS. The four-page publication describes the product's appearance, light weight and its resistance to chemicals, heat, stains, abrasion and impact. (Corning Glass Works, Industrial Products Department, Corning, N.Y. 14830.)

A new, 4-page technical bulletin on a series of low flow indicators that provide low cost measurement in general noncorrosive service has been announced by Brooks Instrument Division of Emerson Electric Co. Designated the Brooks-Mite Flow Indicators, Series 2001, these instruments, in sizes 1-8, are ideally suited for noncritical purge applications where high accuracy flow measurement is not a requirement. Included in this bulletin is information on design features, materials of construction, performance, optional equipment, dimensions, standard capacities and ordering information. (Bulletin, DS-2001, Brooks Instrument Division, Emerson Electric Co., Hatfield, Pa. 19440.)

THE OHAUS SCALE CORPORATION of Union, N.J., has modified and improved their line of heavy-duty (5 kg), Even Arm Balances. New speed, convenience and versatility have been built-in by the addition of full damping which reduces to seconds the time required to make a weight determination. All of the Ohaus Even Arm Balances have a sensitivity of 0.5 g, and are available with a variety of weighing platforms. For maximum versatility, these balances can be ordered with beams calibrated in both metric and avoirdupois values. Several balances in this series offer 450 g (or 11 lb) tare capacity.

J. T. BAKER CHEMICAL COMPANY has introduced a new reagent for the characterization of aliphatic alcohols, amines and mercaptans—Pyruvoyl Chloride (2,6-Dinitrophenyl)hydrazone. The new reagent makes possible a procedure for the direct isolation from lipids of trace constituents that could not previously be accomplished by other reagents, according to C. T. Kleppinger, manager of Organic Laboratory Chemicals. This procedure is of especial interest to researchers and technologists in the field of dairy and food products. Pyruvoyl Chloride (2,6-Dinitrophenyl)hydrazone is available in $\frac{1}{2}$ and 1 gram containers. (J. T. Baker Chemical Company, Phillipsburg, N. J. 08865.)

A wide range of laboratory power supplies with floating output for safe operation are being offered by E-C APPARATUS CORPORATION. Different models include power ranges from 25v at 5A, 50v at 500ma, 50v at 2.5A, 500v at 400ma, and 1000v at 200ma. Units have all solid state electronics with controls for output adjustment and include jacks for coupling several instruments to one supply or for combining two supplies together for series or parallel operation. (E-C Apparatus Corporation, 755 St. Marks Street, Philadelphia, Pa. 19104.)

"Fats and Oils in Canada, A Semiannual Review," contains in one publication, statistical information of relevance to the fats and oils industry in Canada, as well as an interpretation of these data. In addition, the issue reports on significant technical and economic developments in Canada and abroad which are likely to affect the Canadian industry. "Fats and Oils in Canada" is meant to be a working document for people concerned with the development of the Canadian fats and oils industry. (Edible Oils Section, Food Products Branch, Department of Industry, Ottawa 4, Canada.)

The USDA publication, "Surfactants Based on Animal Fats," outlines advantages, both to manufacturer and user, of detergents and surfactant-active agents made from animal fats. (Free: Eastern Utilization Research and Development Division, USDA Agricultural Research Service, 600 E. Mermaid Lane, Philadelphia, Pa. 19118.)

THE AMERICAN CYANAMID COMPANY, in its April 1968, "Leather Lines," describes new applications for Betasol Detergent NI in the dyeing of leather.

The presences of natural fats in the grain surface of leather often produces a nonuniform absorption of dye-stuffs and extracts, thereby producing nonuniform coloring over the area of the skin or between skins in a drum load. However, if, prior to coloring, skins are treated with approximately $\frac{1}{4}$ % Betasol Detergent NI, this grease will be removed by emulsification and will wash out, leaving the surfaces in the desired receptive condition.

Additional applications and elaboration on the procedure described here are included in the April issue. (American Cyanamid Company, Dyes and Textile Chemicals Department, Bound Brook, N. J.)

HACKER INSTRUMENTS has available a four-page brochure on the design and applications of the Watson image shearing eyepiece. This micrometer eyepiece fits most standard microscopes. It permits fast and accurate particle size analysis and measurements of any small objects including transistor components, photographic masks, wires, fibers, bacteriological and biological specimens. (William J. Hacker & Co., Inc., P.O. Box 646, W. Caldwell, N.J. 07006.)

A new, revised and expanded edition of the 20 page applications brochure, "Imaging with Carle Micro Volume Valves" has been issued by CARLE INSTRUMENTS, INC. for chemists working with gas chromatography. The publication provides solutions to 23 of the most current valving problems faced by gas chromatographers. Each portion of the text is accompanied with detailed drawings. (1141 E. Ash Ave., Fullerton, Calif. 92631.)