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• *New Products*

ALCOLAC CHEMICAL CORP., Baltimore, Md., will produce and market three Monsanto polyoxyethylene thioethers formerly sold as Sterox surfactants. Under a license agreement, Monsanto customers are already being supplied with the nonionics designated SIPONIC SK, SIPONIC 6, and SIPONIC 21K.

HEWLETT-PACKARD, Palo Alto, Calif., has available four microwave spectrometers covering the frequency bands between 8 and 40 GHz. The basic model features sweep frequency operation over any portion or all of a frequency band, direct-frequency readout, power leveling, broadband detectors, and analog display on meter. The amount of energy absorbed by the sample can be measured independent of variations in the detection system. Sub-assemblies of the models are also available.

CARGILL, INC., Minneapolis, Minn., has developed a new germicide, Q-DOX 3280, which shows promise of solving bacterial problems in areas including sanitizing dairy, livestock and poultry quarters; destroying swimming pool algae; sterilizing surgical instruments and cooking utensils; and in a variety of other applications. Samples are available from the Cargill Research Department.

BRINKMANN INSTRUMENTS, Westbury, N. Y., is offering a new PEI Cellulose Precoated Plastic Sheet for thin-layer chromatography in a 20 × 20 cm size. This is the first ion exchanger ever offered as a precoated system for TLC.

GELMAN INSTRUMENT COMPANY offers a single, versatile unit that can be used to run TLC separations on glass plates, precoated plates, or Mylar-coated sheets up to 20 × 20 cm. This TLC chamber is also suitable for running single plates for preparative TLC.

EMERY INDUSTRIES, INC., Cincinnati, Ohio, offers Emtall 664 polymerized tall oil (PTO), an unusual, highly polymerized, high rosin content product for the manufacture of surface coating resins. Approximately 25% polymerized acids and 50% rosin acids by weight, Emtall 664 has been specially developed as an economical replacement for rosin and more expensive fatty acids and oils in alkyds, epoxy esters, and other types of resins.

BRINKMANN INSTRUMENTS, Westbury, N. Y., has announced a new series of Recording Combitrators. The most important version is the Model 3-D for pH Stat in biochemical research. This model features instantaneous exchange of the entire titration assembly; all-digital indication of buret volume dispensed; four basis chart speeds built in; complete selection of accessories.

The DE LAVAL SEPARATOR COMPANY has designed the Model "O" test filter, with 1 sq ft of filter area, permitting easy scale-up from laboratory testing to full production. The unit is constructed of No. 316 stainless steel, including the precoat tank, interconnecting piping, manual valves and the model "O" filter. Processors can observe the filter operation through a lucite cylinder. (Poughkeepsie, N. Y.)

ENCO ENGINEERING COMPANY, manufacturers of small chemical pumps for the process industries, gives corrosion inhibitor data for commonly used metals and alloys exposed to a wide variety of corrosive environments. Over 130 combinations of metals and chemicals, together with the recommended inhibitors, are listed in Bulletin 7759. (12 New York Avenue, Newark, N. J. 07101.)

BENDIX SCIENTIFIC INSTRUMENTS DIVISION of Cincinnati, Ohio, has available a new, low-cost compact mass spectrometer for research and analysis, the MA-1. This unit combines good resolution (greater than 200) with a high scan rate (50,000 spectra per second on oscilloscope readout) across a mass range of 1 to over 500 amu. The Ma-1 is particularly useful for analyzing short-duration samples, such as those found in gas chromatograph effluents.

BRINKMANN INSTRUMENTS, INC., Westbury, N. Y., announces a new line of All-Electric Top-Pan Balances, an all-electronic design which does not involve the use of either transducers or photoelectric systems. The result is extremely fast response speed (0.1 sec.), which is ideal for electronic indication and/or control—with digital voltmeters, printers, calculators, sorters or data recording (computer) systems. These balances are intended for rapid serial weighings, primarily in industry, and for automatic data recording.

The improved Gelman-Camag High Voltage Electrophoresis System features a new, compact power supply, convenient enough to help make HVE a routine clinical and analytical procedure. It can be installed on a shelf over the laboratory bench to save space. It delivers up to 3,000 v at 120 ma, yet measures only 19 × 18½ × 5 inches, and weighs just 32 pounds. (Information Department, Gelman Instrument Company, Box 1448, Ann Arbor, Mich. 48106.)

PHOTOVOLT CORPORATION, New York, N. Y., has three new voltmeters designed with a single control in order to simplify operation. Repeated standardizations with buffers become unnecessary with the new voltmeter. Once set, they may be used for days, without restandardization. An electrode compensating circuit simplifies electrode asymmetry corrections. The models available are the economy 85A, the standard laboratory 115A, and the waterproof portable 126A.

GELMAN INSTRUMENT COMPANY, Ann Arbor, Mich., has developed a unit to make membrane filtration a practical, production-scale technique. Designed specifically for the filtration of deionized water, the unit is easy to handle, easy to change, and eliminates the need for cumbersome filter holders with their down time and filter loss when loading and unloading.

E. F. HOUGHTON & Co., Philadelphia, Pa., has a new liquid cleaner for ferrous and copper metals which combines alkali and detergent in the balance needed for thorough, economical cleaning. Called Cerfa-Kleen 3532, the new cleaner removes production soils such as oil-based lubricants and quenchants very effectively.