

## • *New Products*

ENGINEERED MATERIALS, New York, N. Y., offers glass vials to determine and control the density of heavy liquids, or of liquids as light as 0.25 g/ml. The vials are straw-colored capsules adjusted with a dense material to the desired specific gravity, carefully calibrated and sealed. Floats are available from 0.25 to 7.50 g/ml. Where desirable, still closer intervals can be specified. Floats have long been used for density determinations as they have the advantage over hydrometers of less friction within the liquids to distort values. However, until recently floats for sink float operations have been difficult to obtain within close ranges. These new and accurate floats are produced by the Cargille Laboratories.

BECKMAN INSTRUMENTS, Fullerton, Calif., has introduced their Model 915 Total Organic Carbon (TOC) Analyzer, which makes possible an instrumental method of measuring TOC in water pollution studies. Previously available instruments for similar applications measured only total carbon content of water samples. By using high- and low-temperature furnaces, the Model 915 quickly determines both total carbon and total inorganic carbon content, calculating TOC by difference.

VALUE VIALS, a new line of counting vials for use in liquid scintillation systems has just been introduced by Beckman Instruments, Inc., Fullerton, Calif. The new vials use carefully inspected, high-quality, low-potassium glass to insure a very low vial background and high dimensional accuracy. Since  $H^3$  efficiency is comparable to that of more expensive glassware, most isotope users will find these economical vials completely suitable except when working with extremely low levels of radioactivity, below 1 to 5  $\times$  background.

ROHM AND HAAS COMPANY, Philadelphia, Pa., has introduced Triton QS-44, an anionic phosphate surface-active agent with exceptional nonionic hydrotropic properties. The product is especially useful in combination with nonionic surfactants in powdered and liquid metal cleaner concentrates and in liquid heavy duty detergent concentrates for commercial and household applications.

## • *New Literature*

A Technical Specifications Manual, featuring detailed descriptions of filters, filter holders, air samplers and accessories, and recorders, is now available free from the GELMAN INSTRUMENT COMPANY. In addition to product specifications, suggested uses and general operating instructions are also included. (Information Department, Gelman Instrument Company, P. O. Box 1448, Ann Arbor, Michigan 48106).

PHARMACIA FINE CHEMICALS, INC., offers a 12-page booklet describing Sepharose, the "first" bead form of agarose to extend the gel filtration method to the separation and fractionation of molecules with molecular weights ranging from 300,000 to 25 million. The booklet also illustrates some of the many possible separations that can be achieved with the new Sepharose 2B and 4B products in the field of virus, nucleic acid, protein, etc. separations. (800 Centennial Ave., Piscataway, N. J. 08854.)

WATERS ASSOCIATES, INC., has available a 232-page, 2-volume set of reprints of papers delivered at the Fourth International Seminar on Gel Permeation Chromatography held last May in Miami Beach, Fla. (Price, \$5. Write to 61 Fountain St., Framingham, Mass. 01701.)

THE HARSHAW CHEMICAL COMPANY, Division of Kewanee Oil Company, has a new booklet entitled "Sodium Methylate for Transesterification." This booklet describes various types of applications of sodium methylate for synthesis of esters. Reactions discussed include those used in rearranging fats and oils, production of plasticizers, water repellents, surface-active agents, adhesives and foaming agents. They also have potential application in the preparation of flavors, perfumes, cosmetics and pharmaceuticals. (1945 East 97th St., Cleveland, Ohio 44106.)



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