

## • *New Literature*

A convenient way to stabilize light-weight laboratory apparatus is described in a new bulletin just released by INSTRUMENTS FOR RESEARCH AND INDUSTRY, Cheltenham, Pa. Bulletin HL-100 describes Handi-lead, lengths of lead rod sheathed in a thin, tough vinyl coating, that can be easily bent without soiling hands or clothes. The literature cites typical applications for Handi-lead; it is particularly useful in weighting down test tubes, flasks, etc. in water baths. Other uses include adding weight to micro-apparatus, stabilizing flasks setting on steam baths and holding down any miscellany of light weight objects. Bulletin HL-100 is available from the manufacturer.

Information on a new pump, which uses a disposable syringe as its pumping mechanism, is given in a new two page bulletin recently published by PALL CORPORATION, Glen Cove, New York. Bulletin E30 gives engineering data as well as application information on the Pall Metering Syringe Pump which can be used for dispensing, transferring and metering liquids and gases in manufacturing operations and laboratory facilities. The illustrated bulletin gives details on pump characteristics, materials of construction, flow capacities and the unusual drive mechanism.

Complete details of Carle Instrument's new Model 9000 FID Basic Gas Chromatograph are outlined in a new eight page brochure. The new instrument was created for high sensitivity GC applications of organic and bio-chemical analysis, environmental pollution, etc., Five chromatographic analyses performed with the Model 9000 are included to illustrate its analytical capability with barbiturates, natural gas analysis, brandy distillates, long chain fatty acid esters and blood alcohol. Detailed information is also available on the unit's advanced differential hydrogen flame detector, solid state FET electrometer, and gas sampling, backflush, and column switching valves.

A new technical data bulletin on emulsions containing Tenox antioxidants to inhibit the oxidative deterioration of hard to treat food products is available from the Chemicals Division of EASTMAN CHEMICAL PRODUCTS, INC., Kingsport, Tenn. TDS No. G-187 contains information on emulsions of Tenox BHA and Tenox BHT with various emulsifiers. By means of emulsion, difficult to penetrate foods such as fats, oils and fat-containing products are assured of antioxidant protection. Antioxidant formulations can be emulsified for application during food processing or for treatment of food packaging materials when aqueous systems are involved. Emulsions containing Tenox BHA and BHT have successfully improved the oxidative stability of freeze-dried foods, pastry dough, dehydrated vegetables, meats and fish, and of various essential oils, petroleum jelly, waxes and mineral oils.

Typical properties and composition of food-grade antioxidants, their solubility in a variety of materials, and popular applications are described in literature available from the DPI DIVISION OF EASTMAN CHEMICAL PRODUCTS, INC., a subsidiary of Eastman Kodak Company, Kingsport, Tenn. The bulletin can be obtained from the DPI Division by requesting TDS No. G-108. Tenox food-grade antioxidants are used in a wide array of foods and allied products including cereals, spices, vitamins, edible fats, vegetable oils, pastry and various forms of potatoes.

LABINDUSTRIES, Berkeley, California, has prepared a short form catalog describing the company's precision dispensing and diluting instruments, laboratory aids, and submersible tube shakers. For your free copy, write to LABINDUSTRIES, Dept. MC109, 1802 Second Street, Berkeley, CA 94710.

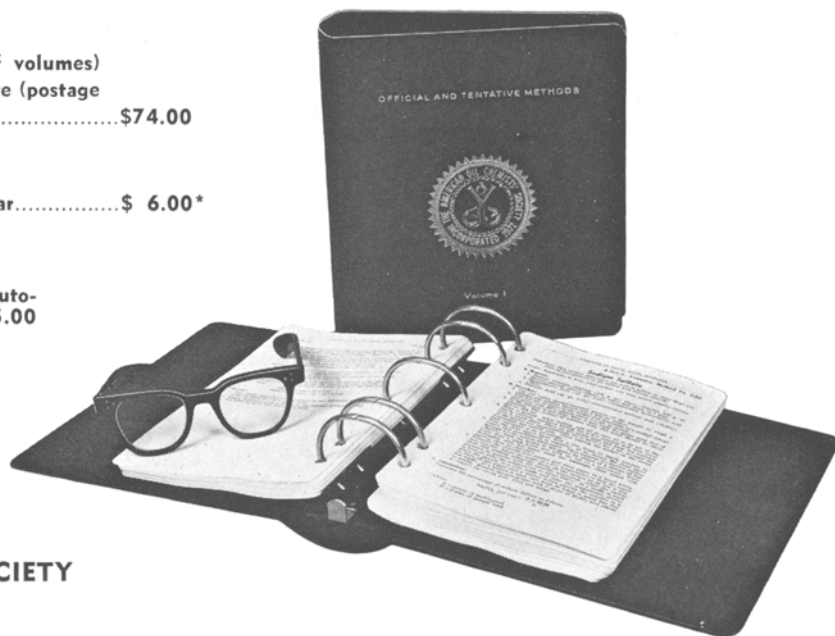
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