• *New Products*

ACE GLASS, Vineland, N. J., offers a new complete system of liquid chromatography featuring threaded glass/nylon couplings that require no clamps or springs. The system is suitable for chemical and biological, preparative and determinative uses. Fittings are interchangeable within each diameter.

SUPELCO, INC. Bellefonte, Pa., now has available 99% pure 1,3 diglycerides of myristate, polmitate and oleate. The compounds are completely free of the 1,2 isomers and are homogeneous by chromatography.

OLIN MATHIESON, CHEMICAL CORP., N. Y., N. Y., now produces adipic dihydrazide and sebacic dihydrazine in the form of white powder. Olin suggests adipic dihydrazide be used as an intermediate in the preparation of resins and synthetic films, and as a polymer modifier. Sebacic dihydrazide, a heat-activated curing agent for epoxy resins, has been found useful as an extender for urethane polymers, as an inhibitor for color and odor formation in soaps, and in the preparation of high molecular weight polymers.

E. H. SARGENT & Co., Chicago, Ill., has a new line of spectrophotometers and accessories. The Coleman Model EPS-3T Hitachi ratio recording spectrophotometer features a double and single beam, 170–2600 mμ range, built-in time drive and gas purge system. The Bausch & Lomb Spectronic 505 ratio recording spectrophotometer also has a double and single beam, in addition to constant bandpass and resolution, and built-in wavelength calibrating source. Other models are available.

PENNSALT CHEMICALS CORP., Philadelphia, Pa., has introduced a new series of single-purpose Sharples centrifuges for dewatering crystalline and fibrous materials. Features include 30-inch diameter conical screen bowls, rinse design employing a rotating baffle, and modular construction which permits one drive unit to serve any number of interchangeable bowl and casing assemblies.

GARDNER LABORATORY, INC., Bethesda, Md., has available the Sherwin-Williams Minature Sand Mill for use in determining color, strength and dispersibility of pigments and in dispersing test batches and preliminary formulations of new products. Gardner says the basic operating principle is in agreement with usual factory methods of production.

MOISTURE REGISTER Co., Alhambra, Calif., has a new moisture meter, G8, for the testing of granular and powdered materials. Sampling may be done by anyone on the production line in less than one minute. No weighing is necessary.

JARRELL-ASH, Waltham, Mass., is the exclusive US distributor for the new Radyne plasma torch. The unit can be used with most spectrograph and spectrophotometer designs for direct analysis of both powders and solutions without prior separation.

C. W. BRABENDER INSTRUMENTS, INC., South Hackensack, N. J., has made available a new line of heavy duty thermal liquid circulating Thermotrons. They can be used to control the temperature of all types of laboratory and pilot equipment, such as spectrophotometers, refractometers, calorimeters, and viscometers.

EMERY INDUSTRIES, INC., Cincinnati, Ohio, has made available a 100% vegetable-derived oleic acid, Emery 3758-R, which is specially processed to meet the requirements of the Federal Food and Drug Administration Regulations.

EMERY also has a new addition to its line of polybasic acids, Empol 1043 Trimer Acid. Produced by a process for the polymerization of unsaturated fatty acids, it possesses a much lighter color (9 Gardner) than any previously available Emery trimer acid.

Call for AOCS Nominations for Honored Student Program

Nominations for awards from the AOCS Honored Student Program for the AOCS Spring and Fall Meetings of 1967 are now being accepted. These awards will give outstanding graduate students an opportunity to hear technical sessions at New Orleans and Chicago and to participate in all the activities of the Meetings. Ten graduate students will be selected for the year 1967, and each of them will receive a certificate and an all-expense-paid-trip, including round trip air fare, registration and activities fees, hotel room and meal expense.

The award, under the sponsorship of the AOCS Education Committee, N. H. Kuhrt, Chairman, and the AOCS Honored Student Program subcommittee, under the direction of S. S. Chang, was designed to stimulate interest in the study of the chemistry and technology of fats and oils. This program is financially supported by Armour Grocery Products Company; The Baker Castor Oil Company; Central Soya Company, Inc.; Corn Products Company; Durkee Famous Foods; Emery Industries; The Fatty Acid Producer's Council; National Dairy Products Corporation; Pacific Vegetable Oil Corporation; and Swift and Company.

Nominees must have been enrolled in their present graduate school for at least one year and must have conducted research in the field of lipids for their dissertations. Judgment of nominations will be based upon the academic status and experience of the Nominee, recommendation of his major professor and a statement from the Nominee on his interest and research plan in the field of fats and oils.

Any faculty member of a college or university may nominate students for the award. Nomination forms will be sent to those who have attended at least one AOCS meeting or have published at least one technical paper in the JAOCS during the previous year. Requests for information and nomination forms should be sent immediately to S. S. Chang, Food Science Department, Rutgers, The State University, New Brunswick, N.J.

New University Programs Promote Water Studies

A number of educational programs forwarding the study of water subjects has recently been announced:

1) A bill establishing a $20-million, 2-year program of aid to sea-grant colleges to advance the development of marine resources was approved by Congress. This bill is analogous to the land-grant college program.

2) The College of Engineering at Cornell University announces a new department for Water Resources Engineering. It unifies graduate and undergraduate teaching and research activities in fluid mechanics, hydraulics, hydrology, air and water resources engineering and water resources planning and management. C. D. Gates, professor of civil engineering at Cornell, has been named chairman of the new department.

3) A department of Environmental Engineering has been established at Illinois Institute of Technology and will grant both MS and PhD degrees. The new department will continue IIT's emphasis on water supply and air and water pollution control.

4) The Ninth Sanitary Engineering Conference, entitled "Instrumentation, Control, and Automation for Water Supply and Wastewater Treatment Systems," will be held Feb. 7–8, 1967, at Urbana, Ill., for sanitary engineers in government, industry, or private practice, and for water works managers and operators.