Glycerine Production Report

The U. S. Department of Commerce today released glycerine production and stocks figures for July and simultaneously issued revisions of data originally published for June. Production of crude glycerine (including synthetic) for the month of July was 24.2 million lb. The June crude figure was revised upwards to 27.6 million lb from 26.9 million lb. The July figure is 3.4 million lb under the revised June level, but 2.9 million lb above crude production reported for July last year. The June production figure for refined glycerine (all grades) was increased from 26.7-28.0 million lb, as against 22.9 million lb reported for July.

Producers' crude and refined glycerine stocks at the end of July stood at 57.1 million lb, compared with the revised figure of 54.9 million lb for the end of June. The July stocks total was up 2.2 million lb from June and up 15.1 million lb from the end of July 1963. The overall increase of some 0.7 million lb in the total stocks level for June affected the individual crude and refined figures as follows (in million lb): crude—from 23.1-23.4; refined—from 31.1-31.5.

JULY
(Million lb)

Glycerine 100% Basis	Factory Production		Producers' Stocks	
	July 1964	% Change from June 1964	End of July 1964	% Change from June 1964
Crude	24.2*	−12.3	25.1	+7.3
Refined, all grades	22.9	−18.2	32.0	+1.6
			57.1	+4.0

* Includes synthetic glycerine.

• *New Products*

BORDERS ELECTRONICS CO., Pennsauken, N.J., announces the "EEL" Spectra, manufactured by Evans Electroselenium Ltd., England—a self-contained instrument which gives accurate colorimetric determinations of trace elements in solid samples. Up to four samples may be inserted, permitting a check on both standard and blank solutions.

JARRELL-ASH CO., Waltham, Mass., is offering a new Model 66-450 Norris Dynamic Background Corrector which can be added to typewriter electronics and recorder readout for use with their direct reading spectrometers.

GUILD CORPORATION, Bethel Park, Pa., announces the development of a Column Support that represents an advance coupled with moderate price for "scale up" to preparative chromatography, suitable for low or medium polar compounds.

BECKMAN INSTRUMENTS, INC., Fullerton, Calif., announces a new process chromatographic programmer, Model 620-Composition Transmitter. It is designed to monitor the key components of process streams, especially for a closed-loop, process control system.

HAMPSHIRE CHEMICAL CORP., Nashua, N.H., announces new, low-cost commercial grade sarcosine surfactants which combine the best features of fatty acids and synthetic detergents. Their low cost makes it possible to use them as primary ingredients rather than as mere trace additives.

DELTA CHEMICAL CORP., Memphis, Tenn., announces Foremost 1610 Compound which eliminates manual scrubbing of stainless steel and other ferrous metal surfaces because of its ability to saponify and emulsify. Foremost 4005 Liquid Compound is a germicidal soap designed to prevent the transfer of bacteria, yet is soothing to the skin . . . completely neutral.

(Continued on page 35)

general, important temp, pressures, levels and other process variables are controlled automatically. However, it is the usual practice to install instruments in positions where it is desirable for the operator to travel in his normal route so that lubrication, visual observation and other operating functions will be performed while routine operating data are being collected.

As indicated previously, safety and housekeeping cannot be separated from good plant design. Proper design for raw materials, meal products, oil products and proper engineering considerations in design will result in a plant that has safe features and is easy to keep clean. For future safety, anticipatory design must be carefully considered so that a safe and easy-to-keep-clean plant is not converted to a dirty, unsafe plant. An unprofitable and unsafe plant is never a bargain.

Time and money can be saved by both the client and the engineering-contractor if thorough specification of requirements and scope of work are prepared by the client before bids for a solvent extraction plant are requested. If the client does not have the time to prepare bid specifications, a qualified consultant or engineering-contractor then can be employed to prepare bid documents. Such planning in the initial bidding or conception phase will result in higher profits per dollar invested, better planned plants for future expansion and much safer and cleaner operating plants.

REFERENCES

1. "Modification of Method," Soy Flour Assoc., Rev. Dec. 10, 1946.
2. Witte, N. H., JAOCS *38*, (No. 3), 11 (1961).

New Products . . .

(Continued from page 18)

F. L. MOSLEY CO., Pasadena, Calif., now offers a low-cost, ultra-compact basic systems X-Y recorder. Model 7050A is adaptable to almost any system requiring high accuracy x-y readout at minimum cost. Single input spans from 100 mv full scale to 100v full scale, each axis, are available.

LINDBERG/HEVI-DUTY MARKETING SERVICES, Chicago, Ill., has introduced a portable electronic infrared instrument for analyzing and recording constituents of gases, vapors or liquids. CARBOCHEK was designed to detect the desired component present in a chemical or petrochemical process stream—responding to within 90% of the final reading.

FAIRFAX, INC., New York, N.Y., is offering a new pipetting gun which can be set to dispense liquids at any volume from 2–30 cc indefinitely. The Man-O-Pet was designed for use in accuracy and repeatedly dispensing liquids.

CENTRAL SCIENTIFIC CO., Chicago, Ill., has introduced a combination hot plate and magnetic stirrer that will accommodate up to six flasks or beakers. Cenco Multiple Hot Plate-Magnetic Stirrer has a cast aluminum surface and can be used for heating only.

A. GROSS & Co., New York, N.Y., has developed a new coconut fatty acid of interest to manufacturers of alkyd resins and protective coatings. It is designated GROCO 25—Low Iodine Value Coconut Fatty Acid, and valuable for its light color.

• *Obituary*

A. E. Aaland (1955) died July 21, 1964, subsequent to surgery earlier this year. He had been associated for the past five years with the Packaging Research Dept. of General Mills Research Laboratories, Minneapolis, Minn.