

## Hotel Reservations to Be Made Direct with Netherland Hilton

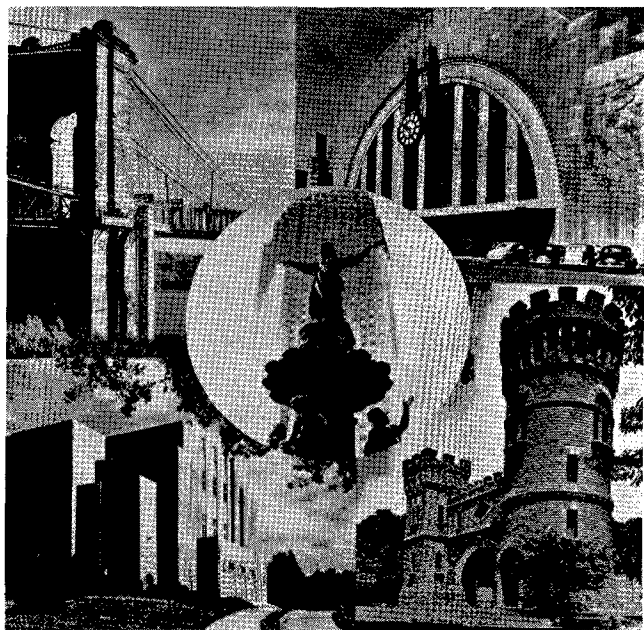
**M**EMBERS who attend meetings are of two types. Some are present at all the Society meetings, and others try to pick the most worthwhile or interesting. The former have already made reservations, and the latter should do so promptly. The Netherland Hilton Hotel may be approached directly, with a mention of the American Oil Chemists' Society meeting, September 30–October 2, accommodations desired, and time of arrival and departure.

An excellent technical program has been arranged by the program chairman, E. W. Eekey. Industrial exhibits, plant trips, and the valuable personal contacts with others having similar interests add to the advantage of attending this meeting.

The attractions of Cincinnati itself should not be overlooked. Founded in 1788, the Queen City has had a varied and colorful history. Cincinnati is famous for its parks, museums, universities, and manufacturing. Traditions of culture are accompanied with vigorous industrial growth. The Ohio river and eight railroads together make Cincinnati the largest coal port in the world. The city leads in the production of such diverse products as soap and machine tools, playing cards and jet engines.

Miss Doris V. Clark and her committee are planning a ladies' program that will appeal to all. In addition to organized activities, some free time will be reserved for shopping and optional visits to places of interest. A tour of the Cincinnati Art Museum and luncheon "across the river" to enjoy Kentucky southern hospitality are two events that no one should miss. If train or plane schedules allow time, the ladies may want to take their husbands along to a Wednesday matinee of "Around the World in Eighty Days."

Thomas W. Waters, chairman of the plant-inspection trip committee, has arranged a variety of interesting tours. Since the numbers must be limited, tickets will be given on request at registration until they are exhausted. Visits to Procter and Gamble's Research Division at the Miami Valley Laboratories and to the newly expanded manufacturing



**CINCINNATI MONTAGE**—Shown above are the suspension bridge to northern Kentucky, Wilson auditorium at University of Cincinnati, Tyler-Davidson fountain with Carew Tower in background, Union Terminal, and Elsinore entrance to Eden Park.



**LADIES' COMMITTEE**—Standing, left to right, are these Cincinnati women planning entertainment for the fall meeting opening September 30: Mmes. J. L. Trauth, C. G. Goebel, R. F. Brown, Procter Thomson, A. K. Presnell, and E. W. Eekey; seated are Mrs. E. M. Sallee, Mrs. T. F. Waters, Miss Doris V. Clark, chairman, and Mrs. Carl Taglauer. Not present are Mmes. C. J. Lohman, F. L. Jackson, R. T. Clause, R. C. Stillman, and C. P. Long.

and development headquarters in the Manufacturing Administration and Research Building can be enjoyed by 100 registrants each. An additional 80 may take a trip to an interesting, large company in the Cincinnati area engaged in national defense work. Neither the company nor the nature of its activity can be disclosed at this time.

Those interested in viewing manufacturing and packaging operations can join the regular plant trips through Procter and Gamble's Ivorydale factory. These tours are not exclusively for registrants, and the number participating will not be limited.

On Sunday the Governing Board will meet at 2 p.m., and a special business session will be scheduled during the convention, also committee meetings. Announcement will be made of the winner of the \$500 Fatty Acid Producers' award, given by the Fatty Acid Producers Council of the Association of American Soap and Glycerine Producers Inc. and administered by the American Oil Chemists' Society.

**P**ROGRAM INFORMATION, at press-time, indicates that those who attend the convention will be rewarded by the presence of distinguished speakers and the presentation of significant, new information.

### DETERGENTS AND VARIOUS ASPECTS OF THEIR EXAMINATION AND USE

Edward H. Armbruster, University of Michigan School of Public Health, on Effect of Oil Films on the Cleanliness of Surfaces

R. R. Suskind, Kettering Laboratory of Applied Physiology, on Effect of Detergents on Skin

J. K. Weil *et al.*, Eastern Utilization Research and Development Division, Philadelphia, Pa., on Detergent Bars from Salts of Alpha-Sulfonated Tallow Fatty Acids

J. David Justice, Lever Brothers Company, Edgewater, N. J., on some phase of water supply and sewage treatment

### RELATED FIELD OF MEASUREMENT OF COLOR AND FLUORESCENCE

Richard Hunter, on New Scale and Instrumentation for Color Measurement

A. R. Martin, Whirlpool-Seeger Corporation, on Use of Color Measurement in Practical Detergent Evaluation

### COMPOSITION AND PROCESSING OF NATURAL OILS

C. Y. Hopkins, National Research Council of Canada, Ottawa, Ont., on Kenaf Oil

Speaker from Pacific Vegetable Oil Company, on Review of the Literature and Present Commercial Situation Regarding Isano Oil

### PROCESSING OF OIL SEEDS AND OF FATS AND OILS

E. L. D'Aquin *et al.*, Southern Utilization Research and Development Division, New Orleans, La., on Solvent Extraction of Castor Oil

L. J. Molaison *et al.*, SURRD, on Long-chain Unsaturated Alcohols from Jajoba Oil by Sodium Reduction

V. F. Green, Procter and Gamble Company, Cincinnati, O., on a Continuous Hydrogenation Process

D. S. Austin, Procter and Gamble Company, Cincinnati, on Methods for Improving Quality of Tallow and Grease

J. P. Termini, Permutit Company, New York, on Improved Ion-Exchange, Epoxidation Process

George Y. Brokaw, Distillation Products Industries, Rochester, N. Y., on Behavior of Distilled Monoglycerides in the Presence of Water

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**Methylate**  
**Powder**

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**TYPICAL CHEMICAL ANALYSIS**

Sodium Methylate . . . . .	97.5%
Sodium Hydroxide . . . . .	0.5
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Soluble in Alcohols, Fats, and Esters	
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Melting Point: none . . . decomposes in air above 260°F

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25% solution of sodium methylate in methanol

Analysis: Sodium Methylate Content . . . . . 25% minimum

Physical Properties: slightly cloudy to clear solution

Bulking Density . . . . . about 7 lbs. per gallon  
Initial Boiling Point . . . . . 188°F for 25%  
Flash Point (Cleveland Open Cup) . . . . . 85-90°F  
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**STABILITY**

Harshaw sodium methylate, both in powder and solution form, is stable in the sealed containers. Exposure to air will cause progressive decomposition—rapidly for the powder, more slowly for the solution.

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**Rufert Nickel**  
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## WILEY LABORATORY MILL

For preparation, with minimal loss of moisture from heating, of a wide variety of materials for analysis. Principal advantages of new model: harder cutting edges permitting wider range of materials including Teflon, polyethylene resins, titanium scrap, etc.; quieter operation; and baked gray enamel and chromium plated finish, etc.

As in earlier model, four hardened steel knives on revolving shaft work with shearing action against six knives bolted into frame. Shearing action of cutting edges, between which there is always clearance, minimizes loss of moisture, avoids temperature rise, liquefaction, contamination, etc., making this mill satisfactory for many materials which cannot be reduced by other mechanical means. Ground material must pass through a sieve dovetailed into frame above receiver.

Furnished with either cast aluminum drawer, 28 oz. capacity, or interchangeable chute for collecting sample directly in a standard 16 oz. glass jar.

4275-H3. Wiley Laboratory Mill, Standard Model No. 3, motor driven, mounted on enclosed base, with chute for collection of sample. With ½ h.p. continuous duty motor, 1725 r.p.m.; starting switch with thermal overload cutoff; V-belt, belt guard; three sieves with openings of ½ mm, 1 mm and 2 mm diameter. For 115 volts, 60 cycles, single phase, a.c. Without Stand or Tray..... 886.00  
4275-R3. Ditto, but with drawer of cast aluminum alloy in place of chute and jars..... 876.50  
4275-F6. Spillage Tray Attachment, for use with above, consisting of bracket and Stainless steel tray..... 18.80  
4275-Z. Portable Stand, 10 inches high, for mounting above Mills. Consisting of rubber insulated platform 23½ inches square, mounted on ball-bearing, swivel casters with foot-operated wheel brakes..... 119.00

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**TAFT MUSEUM**—Built in 1820, the former residence of Mr. and Mrs. Charles Phelps Taft was opened as a museum in 1932 under the management of the Cincinnati Institute of Fine Arts. Housed in it are portraits and landscapes by Rembrandt, Turner, Goya, Gainsborough, and Corot, also Chinese porcelains, jewelry and watches from many countries, French Renaissance painted enamel plaques and dishes.

G. Schramm and J. H. Benedict, Procter and Gamble Company, Cincinnati, O., on Analysis for Free Gossypol  
Harry Smith Jr. and T. F. Waters, Procter and Gamble Company, Cincinnati, O., on Use of Statistical Techniques in Attaining Product Specifications

Full information on the Cincinnati program will be published in the September issue of the Journal.

E. M. SALLEE

### Call to Business Session

Members of the American Oil Chemists' Society are invited to attend a special business session during the 31st fall meeting at Cincinnati, O., September 30, October 1 and 2, 1957 at the Netherland Hilton hotel for the hearing of committee reports and handling of such matters as may be presented.

R. W. Bates, secretary

H. C. Black, president

### Markley to Visit U.S. in September

KLARE S. MARKLEY spent the month of July visiting agricultural experiment stations, research institutes, and a number of large commercial plantations in Western and Central Africa. He will spend the month of August vacationing in Egypt, the Near East, and Europe and the month of September on official business and home leave in the United States.

He is returning to Brazil the latter part of September for two additional years of service as chief of the Commodity Division, Escriatório Técnico de Agricultura Brasil-Estados Unidos, joint U. S.-Brazilian agricultural agency. Dr. Markley is responsible for the technical direction of the ETA's work on cacao, rubber, tropical oil plants, sugar cane, and fluid milk. Since leaving the Southern Regional Utilization Branch, U. S. Department of Agriculture, New Orleans, in March 1952, he has served with the International Cooperation Administration in Paraguay, Nicaragua, and Brazil.

### Fatty Acids Rise

PRODUCTION of saturated and unsaturated fatty acids in May 1957 was 34.6 million lbs., about 1.4 million lbs. above the April level but about 2.5 million lbs. below production reported for May 1956, according to the Fatty Acid Producers' Council, New York.

Disposition in May totalled 34.8 million lbs., up 2.7 million from the April figure but down 1.8 million from the disposition figure for May 1956. Stocks of finished goods at the end of May totalled 29.1 million lbs., about 0.6 million lower than the previous month's figure. Work in process increased about 0.9 million lbs. These figures do not include fatty acids fractionated from tall oil.