

Report of the Subcommittee On Standard Supplies of Uniform Methods Committee

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THE Subcommittee on Standard Supplies of the Uniform Methods Committee was appointed by President K. S. Markley during August, 1944, at the suggestion of John J. Vollertsen, chairman of the Uniform Methods Committee. Since the permanent offices of the Society had been moved to Chicago, it was found advisable to appoint an all-Chicago Committee, who could meet and take action promptly since urgent matters had to be referred to this Subcommittee for early action. The following were appointed members of this Committee:

R. W. Bates
J. J. Maroney
J. L. Schille
L. A. Spielman
J. P. Harris, chairman.

During the many years that the Society's offices were located with J. C. P. Helm at New Orleans, space was available in Mr. Helm's plant for the supplies of the Society, and at



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one time Mr. Helm had in stock at New Orleans about 4,200 four-pound cans of fuller's earth, having a gross weight, ready to ship, of about 25,000 lbs., not to mention an inventory of close to 2,000 samples of ammonium sulphate, sodium carbonate, and Kieseluhr, and eight or ten thousand moisture dishes.

Obviously it was impossible even to consider storing such an enormous number of samples in any office building in Chicago's loop so during the early days following the transfer of the office to Chicago, John Helm shipped a few boxes to the Chicago office as they were needed, and these were then shipped on to member laboratories as ordered by them.

It was immediately apparent to the Subcommittee that the Society offices were a very poor place from which to carry on the crating, handling, labeling, and billing of these supplies and that the cost of doing such work in the Society offices would be certain to be quite excessive, particularly since it would necessitate procuring storage space for these supplies at some public warehouse and arranging for delivery of the supplies as needed to the loop offices of the Society (such storage space is very difficult to secure at this time).

So the Committee discussed this problem with several laboratory supply houses and finally made arrangements with the Central Scientific Company of Chicago to store, handle, label, ship, and bill all

supplies for the Society, and April 1, 1945, at the starting of the Society's new fiscal year, the Central Scientific Company undertook this work for the Society, for which they receive one-third of the selling price of the samples, leaving the Society a net profit of 35% to 40% of the selling price, which is a somewhat greater profit than the Society could secure by doing the job itself. This action of the Subcommittee has relieved the office of the Society of a very burdensome work for which it was illy equipped.

It should be understood that all official standard samples of the Society will continue to be prepared by the Society just as they have been prepared in the past and that after preparation they will be forwarded to the Central Scientific Company for labeling (with labels furnished by the Society). Also the Society will continue to advertise these supplies for sale in its Journal, and orders for these supplies will continue to be received by the Society for forwarding to the Central Scientific Company for handling.

THE Subcommittee was also asked to submit specifications covering the supplies and their preparation to the Uniform Methods Committee, to be included in the published Methods of the Society. Very little data covering the preparation of these samples were available to the Subcommittee so a diligent search was made to make this available. The Subcommittee is indebted to A. S. Richardson, T. C. Law, and Mr. Helm for valuable information which they were able to give the Subcommittee covering specifications and previous procedure in the preparation of standard samples. This information is now concentrated in the files of the Uniform Methods Committee for the guidance of future committees. The Subcommittee has accordingly developed the following specifications, which have now been recommended to the Uniform Methods Committee for publication in the Methods of the Society:

Ammonium Sulphate

This is prepared under the direction of a committee of the American Oil Chemists' Society, which arranges for purchase of C.P. ammonium sulphate from a reputable manufacturer, as agreed upon by the committee. This ammonium sulphate is packed in four-ounce net bottles by the manufacturers.

The committee then analyzes these samples for ammonia content (NH_3), using the methods of the Association of Official Agricultural Chemists for 1940, Fifth Edition, pages 26 and 27 II, and agrees upon the percentage of ammonia, (NH_3), which it contains. This percentage of ammonia (NH_3) is plainly marked upon each sample bottle.

Sodium Carbonate

This is prepared under the direction of a committee of the American Oil Chemists' Society which arranges for purchase of C.P. sodium carbonate from a reputable manufacturer as agreed upon by the committee. The sodium carbonate is packed in four-ounce net bottles by the manufacturers.

This committee then analyzes these samples for sodium carbonate content (Na_2CO_3), using the Methods of the Association of Official Agricultural Chemists, 1940, Fifth Edition, pages 649-652 XLII, and agrees upon the percentage of sodium carbonate, (Na_2CO_3), which it contains. This percentage of

sodium carbonate (Na_2CO_3) is plainly marked upon each sample bottle.

Fuller's Earth

This is prepared under the direction of a committee of the American Oil Chemists' Society, who are also members of the Chemists' Committee of the National Cottonseed Products Association, by reserving suitable parcels of fuller's earth of the same grade as previous deliveries (if possible). The fuller's earth must have been sieved through a 100-mesh screen by the manufacturer. Sample of these parcels are sent to several member laboratories for comparison with the existent official samples of fuller's earth.

When a parcel is found which tests as close to the current official sample as possible, this parcel is purchased and shipped to some member plant, where the bags are emptied into mixers so that the entire batch can be thoroughly mixed. It is then sieved through a 12-mesh screen and is filled into four-pound net cans which are tightly sealed.

Samples from various parts of the filling operations are then tested by member laboratories to make certain of the uniformity of these samples and to make certain that the decolorizing ability of these official samples corresponds as closely as possible to previous official standard fuller's earth samples.

Moisture Dishes

These official moisture dishes are flat, plain, seamless dishes with covers and are made of 30-gauge aluminum throughout. The dimensions of these dishes are two inches outside diameter by three-fourths inch high, when covered.

It is to be understood that the above specifications are subject to review and alteration by the Fat Analysis Committee and the Uniform Methods Committee. Satisfactory data are lacking at this time covering methods of preparation of Kieselguhr and glycerine so specifications covering these supplies are not included. No doubt the Subcommittee will cover these supplies in the future.

Send Nominating Ballots

All active members of the American Oil Chemists' Society will be given an opportunity to nominate candidates for office, to be elected in the spring for the 1946-47 term, on ballots sent out by the national headquarters in Chicago early in January, according to President R. R. King.

Officers to be elected will include the president, four vice presidents, secretary, and treasurer. By custom the first vice president becomes the next president, and according to the by-laws the fourth vice president must represent the soap section. Nominations will be closed on March 1, 1946.

Other members of the Governing Board comprise the immediate past four presidents, making a total of 11 in all.

H. S. Mitchell is chairman of the Nominating Committee, aided by M. M. Durkee, T. C. Law, H. E. Longenecker, and S. A. Siegel.

President King also announces dates of the 1946 meetings as follows: New Orleans, May 15-17, and Chicago, October 30, 31, and November 1.

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A. O. C. S. 37th Annual Meeting New Orleans, May 15-17, 1946

PLANS have been made to hold the 37th Annual Meeting of the American Oil Chemists' Society in New Orleans, Louisiana, May 15-17, 1946. The headquarters for the convention will be the Roosevelt hotel where all technical sessions, committee meetings, and the annual dinner-dance will be held. The technical sessions will be held in the air-conditioned Grand ball room of the Roosevelt beginning Wednesday morning, May 15. The annual dinner will be held in the same room, Friday evening, May 17. Although plans of the local committee are not yet completed, it is contemplated that the Annual Golf Tournament will be resumed again on a pre-war scale along with other pre-war entertainment.



COL. H. P. NEWTON

President R. R. King has appointed as general chairman of the convention, Colonel Harry P. Newton, recently returned from duty overseas to resume his activities as assistant director of the Southern Regional Research Laboratory. Dr. A. M. Altschul has been appointed chairman of the technical program committee. The appointment of other local committee chairmen will be announced in the February issue of *Oil and Soap*.

Owing to the continued congestion of New Orleans hotels, neither the Roosevelt nor any other local hotel can accommodate the large number of members who are expected to attend the annual meeting, and it has been necessary to make all reservations for accommodations through the Hotel Association of New Orleans. Therefore, in making reservations, which it is urged you do as early as possible, please do so through the local committee. Please address requests for reservations to Colonel Harry P. Newton, 2100 Robert E. Lee Boulevard, New Orleans 19, Louisiana, and not to the Roosevelt or other hotels. Also, please indicate the hotel of first and second preference from among the following: The Roosevelt, Monteleone, Jung, and New Orleans. The local committee will do their best to accommodate you at the hotel of your choice.

All members who plan to participate in the technical sessions by presentation of papers, please notify Dr. A. M. Altschul, 2100 Robert E. Lee Boulevard, New Orleans 19, Louisiana, as early as possible, as to the title of your address and forward him an abstract no later than April 15, 1946. It is planned to supply members with printed programs containing abstracts of all technical papers, hence the necessity of the deadline for abstracts. Your cooperation in this request will be greatly appreciated.

MODERN PLASTICS, New York City, announces the publication of the first consumer guide to plastics, "Everyday Plastics."

New Members

- Juan Valdepenas Aguilar, Industrial Jabonera La Esperanza, S. A., Gomez Palacio, Dgo. Mexico
 Robert E. Beal, Northern Regional Research Laboratory, Peoria, Ill.
 Gilbert T. Bentley, Technical Fisheries Company, South San Francisco, Calif.
 Andres Willy Ellena England, Molinos Marconetti Ltda., Santa Fe, Argentina
 Guido Goncalves Fernandes, Southern Regional Research Laboratory, New Orleans, La.
 Harry Reginald Galleymore, Thomas Hedley and Company Ltd., Manchester, England
 Theodore Greenfield, Sherwin-Williams Company, Chicago, Ill.
 Raiford Lagrone Holmes, Tung Oil Investigations, Bogalusa, La.
 Charles L. Klingman, Interstate Cotton Oil Refining Company, Sherman, Texas
 Samuel B. McFarlane, Jr., Celanese Corporation of America, Cumberland, Md.
 Joseph A. Mathews, Distillation Products, Inc., Rochester, N. Y.
 Dominic Meo, Jr., Salem Oil and Grease Company, Salem, Mass.
 Paul J. Mitchell, Jr., Georgia Agricultural Experiment Station, Experiment, Ga.
 M. A. Partridge, Canada Packers Ltd., Toronto, Ont.
 Howard R. Peterson, Standard Oil Company (Indiana), Chicago, Ill.
 Thomas A. Pickett, Georgia Agricultural Experiment Station, Experiment, Ga.
 William Carl Spitzer, Sherwin-Williams Company, Chicago, Ill.
 Lucius Moody Tolman, Jr., Arthur C. Trask Company, Chicago, Ill.
 Carl F. Williams, W. C. Hardesty Company, Inc., Dover, Ohio Corporation Associates
 J. T. Baker Chemical Company, Joseph R. Stevens, director of research, Phillipsburg, N. J.
 Dicalite Company, Armand R. Bollaert, technical director, Los Angeles, Calif.

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