

# 1971 Short Course Update on Detergents and Raw Materials

## Committee Meets in New York - Releases Confirm Plans

A meeting of the Short Course Committee on "Update on Detergents and Raw Materials" under the chairmanship of L.J. Garrison, Jefferson Chemical Company, was held on January 28 in New York City during the Soap and Detergent Association convention. Committee members present were L.J. Garrison, Jefferson Chemical Company; J.F. Gerecht, Colgate-Palmolive Company; Arno Cahn, Lever Brothers Company; Paul Sosis, Continental Oil Company; Eric Jungermann, Armour-Dial, Inc.; R.L. Liss, Monsanto Chemical Company; M.E. Tuvell, Ethyl Corporation; Carl Hauber, AOCS Executive Director. Unable to attend was Irv Schmolka, BASF-Wyandotte.

## Whiteface Inn Room and Board Included in \$150 Registration

A fee of \$150 was set for the course to cover registration, hotel room (double occupancy basis) and board at the Whiteface Inn, Lake Placid, New York. (A limited number of single rooms are also available at higher rates.) The course, under the auspices of the Education Committee of the American Oil Chemists' Society, is scheduled to be held from June 13-16, 1971. The above fee covers all gratuities and meals. The cost for wives for three days will be \$100. The picturesque Whiteface Inn is settled on 1,000 acres of land on the shores of unpolluted Lake Placid and surrounded by the majestic Adirondack Mountains.

## Program - Broad Emphasis on Latest Developments

A wide range of topics of general interest to workers in the field has been scheduled for presentation during the course. The program will stress the changes in the soap and detergent industry brought about by new technology and processes. Special attention will be paid to the impact of government activity on the many phases of the soap and

detergent business, ranging from pollution, finding replacements for phosphates and other materials now under a cloud, and safety and toxicity testing required for new products. Emphasis will be away from a familiar review-type discussion, and speakers will stress new ideas, new chemicals, new raw materials, and will emphasize their view of the future of the industry.

The program is divided into five sessions. The full program announcing all speakers will be published in the next issue.

### Session I: The Fundamental Phenomena of Cleaning

This session, chaired by Arno Cahn, Lever Brothers Company, will be devoted to the discussion of the theory and background on the various fundamental phenomena which make up cleaning. B.J. Rutkowski, Whirlpool Corporation, will discuss the physical and chemical variables which influence the redeposition of soil on fabrics. This will be followed by a study on the removal of oily soil components by Dr. Burch, Continental Oil Company. Professor M.J. Rosen, Brooklyn College, will present a talk on the relationship of structure to properties in detergents. Finally, James Huggins, Monsanto Chemical Company, will discuss requirements for suitable detergent builders.

### Session II: Modern Analyses

The Monday evening session will be chaired by R.L. Wearn, Colgate-Palmolive Company. It will provide information related to the properties and analyses of finished detergent systems. It will include a paper by J.R. Trowbridge, Colgate-Palmolive Company, on experimental design and the statistical evaluation of detergent data. A speaker from the Shell Research Center, Emeryville, California, will discuss detergency studies using radiotracer in systems with variable phosphate content. It is hoped to also attract a speaker to discuss analysis of nonphosphate detergents. Finally, R.M. Kelly, Colgate-Palmolive Company, will present a discussion of new experimental methods for detergent analyses.

### Session III: New Surfactants

This session will discuss some of the new biodegradable detergent actives which are becoming available in this country and which are expected to play an important role in the future. It will include G. Taeuber, American Hoechst Corporation, on alkane sulfonates; and W.J. De Witt, Ethyl Corporation, on alpha olefin sulfonates. The latter will be presented as an important third generation entry into the anionic detergent field.

### Session IV: Inorganic Builders

This session will be chaired by J.K. Goerner, Jefferson Chemical Company. One paper is scheduled on silicates and their expanded role in the new generation detergents, to be presented by Helmut Weldes, Philadelphia Quartz Company. Also, P.S. Stensby, Geigy-Ciba, will discuss the whiteners of the 1970's. In view of the rapidly changing

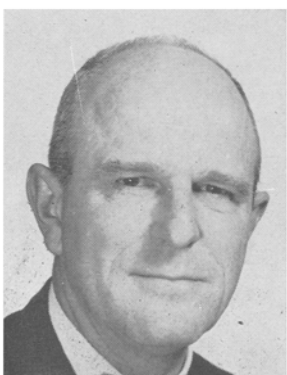
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L. J. Garrison



Arno Cahn



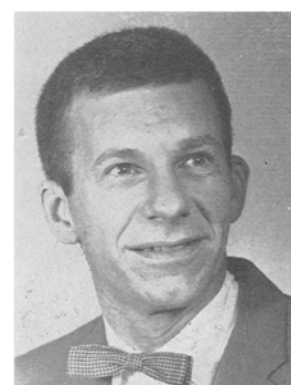
J. F. Gerecht



Eric Jungermann



R. L. Liss



M. E. Tuvell