



FATS AND PROTEINS RESEARCH FOUNDATION, INC.

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"THE DIRECTOR'S DIGEST"

D. M. Doty
Technical Director

August 29, 1967
No. 38

INTERNATIONAL SYMPOSIUM ON SUGAR ESTERS

The Research Corporation, the organization responsible for licensing the basic patent covering the production of fatty acid esters of sugar, sponsored this Symposium in San Francisco, August 10-11, 1967. The conference was attended by about 75 persons including research scientists, producers of sugar esters and related materials, and potential users of these products.

Dr. H. B. Hass, formerly President of the Sugar Research Foundation, outlined the history of the development and potential usefulness of fatty acid esters of sucrose as surfactant materials. The production of sugar esters in Japan was discussed by Dr. H. Iwatsuki, Dai Nippon Seito Kaisha, Ltd. The applications of sugar esters and of sucroglycerides as emulsifying agents in foods and in cosmetics were discussed by representatives of Colonial Sugars, Dai Nippon Seito Kaisha, and Melle-Bezons, S.A. (France).

Presentations by Dr. A. Schwartz, Harris Research Laboratories, and Dr. Charles O'Boyle, Colonial Sugars, outlined research showing that sugar esters, sucroglycerides and ethoxylated derivatives of these materials gave excellent results when used as active ingredients in laundry detergents.

Professor F. W. Slife, University of Illinois, and H. Watkins and D. Cantliffe, Purdue University, reported on the promising results of FPRF-sponsored research on the use of fat-sugar complexes as surfactant adjuvants to herbicide and foliar-nutrition sprays (see "The Director's Digest" No. 32, February, 1967).

The Proceedings of this Symposium will be published soon and should stimulate interest in the use of these fat-sugar derivatives in the food, cosmetic, detergent and spray surfactant fields. If these uses are developed commercially the research sponsored by FPRF and our support of the Symposium will be paid for many times over by the millions of pounds of fat required to produce these fat-sugar complexes.