

# New Orleans S&D talks

1987 AOCS Annual Meeting Program Chairman Tom Jacks has announced the titles of six technical sessions related to surfactants and detergents that are tentatively scheduled to be held during the meeting in New Orleans' Fairmont Hotel, May 17-21, 1987.

The session titles and chairmen are:

- Surfactants Performance and Structure Relationships, M. Rosen
- Advantages of Surfactant Mixtures, J. Scamehorn
- Polymers in the Detergent Industry, A. Cahn
- Laundry Bleaches—Technologi-

cal Review, H. Stupel

- Performance and Evaluation of Surfactants and Detergents, L. Kravetz and K. Guinn
- Surfactants and Detergents (Miscellaneous), chairman to be named

The tentative technical program for the meeting will be published in the January *JAOCS*. Registration materials will be mailed to all AOCS members early in 1987; others who wish to receive further information, registration and housing reservation forms should write to: Meetings Manager, AOCS, PO Box 5037, Station A, Champaign, IL 61820 USA.



Eugene W. Flematti has been appointed vice president of sales and marketing for Unichema Chemicals. Unichema Chemicals is the American Marketing affiliate of a group of Unilever oleochemical companies operating worldwide under the business name Unichema International.

Stepan Co. of Northfield, Illinois, has named Edward R. Lachey manager of corporate purchasing. Patricia M. Harum, Bettina M. Nuter and Amy J. McGuine will serve as customer service representatives in the newly expanded customer service department.

GAF Corp. has acquired Borg-Warner Chemicals' surfactant and phosphate ester businesses. As part of the transaction, Borg-Warner turned over its Spartanburg, South Carolina, plant to GAF. The move will expand GAF's line of surfactant products to include a specialty line of oilfield production chemicals and low-foaming "block polymers" for household cleaners.

Velsicol Chemical Corp. has moved its corporate offices from downtown Chicago to suburban Rosemont, Illinois. Its headquarters are located in the Columbia Centre, 5600 N. River Rd., Rosemont, IL 60018.

Richard J. Kosmicki has been appointed director of public affairs for the Soap and Detergent Association.

Francis Scofield, AOCS emeritus member, died Sept. 6, 1986, in Bella Vista, Arkansas, after a long illness. Scofield joined AOCS in 1937 as a chemist with the National Paint, Varnish and Lacquer Association in Washington, D.C.

## Obituaries

Scofield was one of the founding members of the Northeast Section of AOCS. He was granted emeritus

## Enzyme plant

Novo Biochemical Industry Japan Ltd., a wholly owned subsidiary of Denmark's Novo Industri A/S, has opened an industrial enzymes production plant at the Ishikari Bay New Port Industry Complex in Hokkaido, Japan.

The industrial enzymes from the Ishikari plant will be used for the manufacture of detergents and starch and related products. Both domestic and overseas markets are targeted.

The Ishikari plant is the sixth Novo enzyme production facility; the others include three in Denmark, one in the United States and one in Switzerland.

## Soaps in Japan

Data on 1985 production of soap and allied commodities in Japan showed household detergent production totaled 307.4 thousand metric tons (MT), about 106% of 1984 production.

Soap production, meanwhile, was 184.4 thousand MT, about 96% of 1984 production. Other figures compiled show fatty acid production at 242.3 thousand MT; production of glycerine above 98.5% purity

at 45.2 thousand MT, up about 12% from 1984; and production of glycerine over 80% purity at 31.7 thousand MT, about 3% above 1984.

## Fake Dial soap?

Dial Corp. says it will continue to sue importers and distributors who allegedly made counterfeit Dial soap. As of mid-September, Dial had sought more than 30 injunctions in cases involving counterfeit Dial soap and the importation of Dial soap not authorized for sale in the U.S.

Robert Wilmoth, associate general counsel for Dial, said the company has identified 80% of the counterfeit materials that had reached store shelves and also has prevented more than 100,000 cases of fake Dial soap from entering the U.S. Dial has spent more than \$300,000 in legal fees this year to check the problem.

## News briefs

Terence S. Arnold has been appointed international marketing specialist in chemicals for Eastman Chemical Products Inc.

status in the society in 1974.

Scotfield was born in Washington, D.C. He earned a B.S. degree in chemistry from Lehigh University in 1931. He worked for four and a half years with the National Bureau of Standards in paint, varnish and oil analysis until 1936, when he began working for the National Paint, Varnish and Lacquers Association, where he stayed until he retired in 1971. After his retirement, he continued to do consulting work and served as senior scientist with Wapora Inc. in Washington, D.C.

He lived in Washington until 1984, when he moved to Arkansas. He had spent summers in Atlantic, Maine.

In addition to his involvement in AOCS, he was very active on ASTM Committee D-1, Subcommittee 32, Drying Oils.

He is survived by a brother, John D. Scotfield, of Metamora, Michigan; a sister, Mrs. William H. Chew, of Woodbury, New Jersey; two daughters, Mrs. Lindsay Dawson of Bella Vista, Arkansas and Mrs. Ronald H. Rowland of Pittsford, Vermont; five grandchildren and two great-grandchildren.

Contributions in his memory may be made to Lehigh University, Development Fund, Alumni Memorial Building, Bethlehem, PA 18015.

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### H.W. CAMPBELL

AOCS member Herman William "Bill" Campbell, 64, of Houston, Texas, died Aug. 2, 1986. Campbell, who was vice-president for surfactant research and development at Witco Corp. in Houston, had worked for Witco for over 35 years.

He joined AOCS in 1963 when he was manager of production services for Witco Chemical Co. in Chicago, Illinois. He earned his B.S. and M.S. degrees from the University of Chicago. He started work with Emusol, which was acquired by Witco in the early 1960s.

He moved to Texas in 1973 to head Witco's new research and development facility there.

He is survived by his wife, Iva, of Houston; two sons, H. W. Campbell Jr. and Kevin Campbell, both of Chicago; two daughters, Shelia Savannah and Judith Times, both of Houston; and three grandchildren.

## Book review

**The Manufacture of Soaps, Other Detergents and Glycerine**, by Edgar Woollatt (John Wiley & Sons Inc., 605 Third Ave., New York, NY 10158, 473 pp., \$125).

This is a most welcome book, which fulfills a great need for up-to-date, serious, technical literature on the processing of soap and detergents. The book is part of the Ellis Horwood Series in Applied Science and Industrial Technology.

The author, who has spent many years in the industry, writes from the vantage point of an insider with much hands-on experience. Throughout, he provides physical data where needed and, even more helpfully, illustrative sample calculations on such topics as the level of sodium sulfate produced in the sulfonation of alkylbenzene and heat balances in a spray-drying tower.

The introductory chapters cover basic definitions, describe the ingredients in detergent formulations and their functions and touch on analysis of products, environ-

mental problems and a brief market history of various product types. Beginning with Chapter 3, which covers storage and pretreatment of fats and oils, the book addresses its primary subjects. The manufacture of soap base by direct saponification of oils and fats is given detailed treatment in the next chapter, followed by equally detailed descriptions of soap manufacture from fatty acids and of the manufacture and purification of the acids themselves. Soap finishing is described thoroughly, as is the recovery and refining of glycerol. Both chapters are replete with instructive illustrations.

The author then turns to the remaining title subject and provides an excellent description of sulfation/sulfonation and the manufacture of laundry detergents. Spray drying is presented in a major chapter of its own, followed by a briefer treatment of the manufacture of liquid detergents and miscellaneous detergent products. Stuck in the body of the work is a small chapter on the processing of soap powders, which, for most parts of the world, is primarily of historical interest.

The author also provides a brief summary of units and factors and, in a series of appendices, the elements of fan engineering, the production and maintenance of vacuum and a list of chemical and equipment suppliers.

This reviewer knows of no other recent treatment of the subject matter covered here in such exemplary, practical and useful manner. Writing style is of the no-nonsense variety, clear and precise. The book has been edited quite carefully. A dozen or so misprints, concentrated mostly in the illustrations, have managed to escape editorial scrutiny.

The price is steep. However, both as an introduction to processing technology of the soap and detergent industry for the incoming graduate or as a practical and truly useful reference for any technical person in the industry, the book is more than worth it.

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## Surfactants & Detergents Calendar

### 1987

#### February

Formula: First International Forum on Physicochemistry of Interfaces and Formulation Problems of Chemical Specialties, Feb. 4-6, 1987, Nice, France. Contact: Scientific Committee of Formula, Société Française de Chimie, Département Congrès, 250 rue Saint-Jacques 75005, Paris, France.

#### March

Symposium on Natural Base Cleaning and Personal Care Products, March 18-21, 1987, Guangzhou, China. Contact: National Renderers Association Inc., China Office, 27E Kam Kin Mansion, 123 Caine Rd., Hong Kong.

XVIII meeting of CED/AID on Surfactants, March 25-27, 1987, Palacia de Congresos de Barce-

lona, Barcelona, Spain. Contact: Secretaría de la Asociación de Investigación de Detergentes (AID), Jorge Girona Salgado, 18-26—Edificio Juan de la Cierva, 08034, Barcelona, Spain.

#### June

Oil and Colour Chemists' Association Conference 1987, June 17-20, 1987, Eastbourne, England. Theme: "Advances and Application of Science and Technology in Surface Coatings." Contact: Director and Secretary, Oil and Colour Chemists' Association, Priory House, 967 Harrow Rd., Wembley, Middlesex HA0 2SF, England.

### 1988

World Surfactants Congress II, "Surfactants in our world—today

and tomorrow," May 24-27, 1988, Paris, France. Organized by ASPA, France, and sponsored by the European Committee on Organic Surfactants and Their Intermediates, Avenue Louise 250, Bte. 102, B-1050 Brussels, Belgium.

Cosmetic Science '88—Achievements and Aims, 15th international congress of the International Federation of Societies of Cosmetic Chemists, Sept. 26-29, 1988, Grosvenor House, Park Lane, London, England. Contact: Society of Cosmetic Scientists, Delaport House, 57 Guildford St., Luton, Beds LU1 2NL, England. ISF/JOCS Joint World Congress, Sept. 26-30, 1988, Tokyo, Japan. Contact: ISF/JOCS World Congress 1988, Secretariat, The Japan Oil Chemists' Society, 7th floor, Yushi Kogyo Kaikan, 13-11 Nihonbashi 3-chome, Chuo-ku, Tokyo 103, Japan.

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