

Surfactants & Detergents News

company has announced plans to increase capacity to 200,000 MT per year by the end of 1988.

Hoechst Holland has announced plans for a 10,000-MT-per-year plant to produce tetraacetyl ethylenediamine (TAED) at its Vlissingen complex. Plant start-up is scheduled for early 1989. TAED is growing rapidly in Europe as a booster for perborate bleaches, allowing them to work at lower temperatures.

Nelson F. Borys has been promoted to manager of product development for the surfactant business group of **Staley Continental Inc.'s Horizon Chemical Division**. He formerly was product manager of surfactants. Also, **Richard A. Winstanley** has been promoted to manager of marketing and sales for the surfactant business group and **Robert L.**

Klein has been named manager of process development.

PPG Industries' Mazer Chemicals Division has introduced two new forms of its "Jordpon" CI surfactant, as well as a low foam surfactant aimed at the market for residential and commercial automatic dishwashing liquids.

Pilot Chemical Co. and American Cyanamid Co. have entered into a joint agreement to manufacture and market dodecyl diphenyl disulfonate, a specialty surfactant new to the emulsion polymerization industry. Also, Pilot has introduced a line of heavy-duty surfactants called "Calfax."

Dow Quimica Argentina SA, a Dow subsidiary in Argentina, and **Ultra's group in Brazil** said they are forming a 50/50 joint venture for

the production and commercialization of ethoxylated products in Argentina.

Reichhold Chemicals Inc. has formed a Coating Polymers & Resins Division out of the former Newport and Chemical Coatings divisions. One of the division's first acts was to announce start-up of its modernized 80-million-pound-per-year coating-resins plant in Chicago, Illinois. The new division has headquarters in Pensacola, Florida.

Arncliffe Manchester Ventures, marketer of beauty aids and proprietary-line fragrances in the U.S., has signed an agreement with Britain's **Fisher Pharmaceuticals Ltd.** to have exclusive U.S. distribution rights to "Polydine," a patented skin-cleansing bar.

Surfactants & Detergents Publications

Book review

Detergents and Textile Washing: Principles and Practice, by G. Jakobi and L. Lohr (VCH Publishers Inc., 220 E. 23rd St., Suite 909, New York, NY 10010, 1987, 248 pp., \$59.95).

This outstanding monograph is based on a chapter entitled "Detergents" in **Ullmann's Encyclopedia of Industrial Chemistry**. In a mere 248 pages, it succinctly and authoritatively covers the current status of all important aspects of detergents and washing, from theory to economic and legal topics.

After a short historical review, the authors discuss the theory of the washing process, reviewing with exceptional clarity the phenomena underlying the detergent process. Following this is a detailed discussion of detergent ingredients. This includes not only surfactants and builders, but all of the components of a fully formulated deter-

gent, such as bleaches and bleach activators, enzymes, antiredeposition agents, foam regulators, corrosion inhibitors, fluorescent whitening agents, fragrances and dyes. This discussion is not merely a descriptive recitation of the ingredients, but also includes an indication of their mode of action and their interaction with other components.

A chapter on household detergents outlines composition ranges of laundry powders and liquids as well as specialty detergents, fabric softeners and laundry aids.

A series of brief chapters provides an introduction to industrial detergent formulations, detergent processing by spray drying and spray mixing, test methods and detergent analyses. The last chapter offers a useful collection of literature references for the analysis of individual ingredients.

The second half of the book deals with less strictly technical topics and examines the position of detergents within the world-at-

large. Chapters on economic aspects, ecological consequences and detergent laws regarding surfactants and builders, toxicology, textiles and household and industrial washing machines provide an excellent overview of these topics. Here, as indeed throughout the book, the point of view is global, covering markets not only in Europe, but in the U.S. and Japan as well.

The book has been translated well and edited with care. Since it was written by a group of scientists from Henkel KGaA, it is natural that developments originating with that firm receive top billing in the discussion. That minor objection notwithstanding, this is an excellent book for anyone who wishes to acquire a good background in detergents from a single, concise volume.

Arno Cahn
Arno Cahn Consulting
Services Inc.
Pearl River, New York

Surfactants & Detergents Calendar

1988

September

"From Prototype to Profit" seminar, sponsored by the Midwest Chapter of the Society of Cosmetic Chemists, Sept. 7, 1988, Woodfield Hilton and Towers, Arlington Heights, Illinois. Details: Marsha Hardin, telephone 312-534-0456.

57th Introductory Short Course on the Basic Composition of Coatings, Sept. 12-16, 1988, University of Missouri-Rolla, Rolla, Missouri. Contact: Coatings and Polymer Science Program, Department of Chemistry, University of Missouri-Rolla, 142 Schrenk Hall, Rolla, MO 65401-0249.

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: Lorna K. Weston, General Secretary, Society of Cosmetic Scientists, Delaport House, 57 Guildford St., Luton, Beds LU1 2NL, England.

October

Diploma Course in Cosmetic Sci-

ence, Oct. 3, 1988, The Polytechnic of Central London, London, England. Contact: General Secretary, Society of Cosmetic Scientists, Delaport House, 57 Guildford St., Luton LU1 2NL, England.

17th Introductory Short Course on Paint Formulation, Oct. 3-7, 1988, University of Missouri-Rolla, Rolla, Missouri. Contact: Coatings and Polymer Science Program, Department of Chemistry, University of Missouri-Rolla, 142 Schrenk Hall, Rolla, MO 65401-0249.

Canadian Manufacturers of Chemical Specialties (CMCS) annual meeting, Oct. 23-25, 1988, Park Plaza Hotel, Toronto, Ontario, Canada. For information, telephone 613-232-6616.

Cosmetic, Toiletry and Fragrance Association scientific conference, Oct. 23-26, 1988, Showboat Hotel, Atlantic City, New Jersey. For information, telephone 202-331-1770.

Introduction to Polymer Chemistry Short Course, Oct. 31-Nov. 4, 1988, University of Missouri-Rolla, Rolla, Missouri. Contact: Coatings and Polymer Science Program, Department of Chemistry, University of Missouri-Rolla, 142 Schrenk Hall, Rolla, MO 65401-0249.

December

Society of Cosmetic Chemists annual meeting, Dec. 1-2, 1988, Waldorf-Astoria, New York, New York. For information, telephone 212-874-0600.

Chemical Specialties Manufacturers Association 75th annual meeting, Dec. 4-8, 1988, Marriott Harbor Beach Resort, Ft. Lauderdale, Florida. For information, telephone 202-872-8110.

1989

January

62nd Annual Meeting and Industry Convention, The Soap and Detergent Association (SDA), Jan. 26-29, 1989, Boca Raton Hotel, Boca Raton, Florida. Contact: SDA, 475 Park Ave. S., New York, NY 10016.

March

XX Meeting of CED/AID on Surfactants, March 8-10, 1989, Hotel Princesa Soffa, Barcelona, Spain. Contact: Secretaria de la Asociación de Investigación de Detergentes (AID), Jorge Girona Salgado, 18-26, 08034 Barcelona, Spain.

Latest in Lipids

Effects of 2-(2,4-Dimethylphenyl)indan-1,3-dione on Serum Lipoprotein and Lipid Metabolism of Rodents

Reaction of Cholesterol 5,6-Epoxides with Simulated Gastric Juice

Dietary Manipulation of Macrophage Phospholipid Classes: Selective Increase of Dihomogammalinolenic Acid

Cell Membrane Localization of Long Chain C₂₄-C₃₀ Fatty Acids in Two Marine Demosponges

Cell Membrane Localization of Sterols with Conventional and Unusual Side Chains in Two Marine Demosponges

Lipid Abnormalities in Pancreatic Tissue of Streptozotocin-induced Diabetic Rats

Formation of Trimers of α -Tocopherol and Its Model Compound, 2,2,5,7,8-Pentamethylchroman-6-ol, in Autoxidizing Methyl Linoleate

Essential Fatty Acid Pattern of Glycerolipids in Rat Hepatocytes in Primary Culture and in Coculture With Rat Liver Epithelial Cells

Effect of Previous Nutritional Status on the Formation of Cholesterol Gallstones in the Prairie Dog Absorption and Transport of Deuterium-Substituted 2*R*,4'*R*,8'*R*- α -Tocopherol in Human Lipoproteins

METHODS

Analysis of Free Malondialdehyde in Photoirradiated Corn Oil and Beef Fat Via a Pyrazole Derivative

Location of Methyl Branchings in Fatty Acids: Fatty Acids in Uropygial Secretion of Shanghai Duck by GC-MS of 4,4-Dimethyloxazoline Derivatives

COMMUNICATIONS

Phospholipid Analysis of Human Eosinophils: High Levels of Alkylacylglycerophosphocholine (PAF Precursor)