

Surfactants & Detergents News

Electrochemical Co., as its president. **Atsushi Kobayashi**, president of Lion Corp., served as the association's previous president.

Scher Chemicals of Clifton, New Jersey, has completed the installation of three new processing vessels in its production of specialty surfactants and fatty alcohol esters. The vessels are a 6,000-gallon, jacketed stainless steel mixing tank, a 6,000-gallon stainless steel storage tank and a 75-gallon stainless steel pilot pressure reactor.

A.H.L. Alberts has joined **Emery Chemicals** to serve as its European sales manager. He will work out of the newly established sales office in Breda, Holland, which officially

will open in the fourth quarter of 1987. He previously worked for Exxon Chemical Holland Inc.

Recent publications

PQ Corp. has published a revised **Detergent Formulary**, containing starting formulations for both cleansing products and detergents for a wide range of cleaning problems. Copies of the publication, Bulletin No. 41-26-1086, are available from The PQ Corp., PO Box 840, Valley Forge, PA 19482. PQ also offers a free information kit showing the multifunctional character-

istics of sodium and potassium silicates in formulating granular and liquid laundry detergents and industrial cleaners.

Shell Chemical Co. has published a 54-pg. application guide, the **Neodol Product Guide for Alcohols, Ethoxylates and Ethoxy-sulfates**, containing over 20 starting formulations from dish washing liquids, laundry detergents and hard surface cleaners to toiletries, transportation cleaners and industrial processing chemicals. Copies of the product guide (SC: 7-87) are available from Shell Chemical Co., Manager, Neodol Communications, One Shell Plaza, PO Box 2463, Houston, TX 77252-9923.

Surfactants & Detergents Calendar

1987

September

Society of Cosmetic Chemists New York Chapter, Sept. 9, 1987, **Robin Hood Inn**, Clifton, New Jersey. Topic: **New Dymel Propellants for Cosmetic Products**. Contact: **Herman Brown**, Chapter Chairman, **Finetex Inc.**, 418 Falmouth Ave., Elmwood Park, NJ 07407, telephone 201-797-4686.

Short Course on Estimating for Painting Contractors and Maintenance Engineers, Sept. 9-11, 1987, **University of Missouri-Rolla**, Rolla, Missouri. Contact: **Coatings Continuing Education**, Department of Chemistry, University of Missouri-Rolla, 142 Schrenk Hall, Rolla, MO 65401-0249.

AOCS Short Course on Oleochemicals, Sept. 13-16, 1987, **Kings Island Resort**, Ohio. Contact: **Meetings Manager**, AOCS, PO Box 5037, Station A, Champaign, IL 61820.

Cosmetic or Drug? 13th Annual Seminar of the Society of Cosmetic Chemists, Midwest Chapter, Sept. 16, 1987, **Woodfield Hilton Hotel**, Schaumburg, Illinois. Contact: **Marsha Hardin**, telephone 312-354-0456.

Cosmetic Science Update '87, Joint Conference on Dandruff, Nails, Hair Growth and Hair Dyes, Sept. 17-18, 1987, **Munich**, West Germany, hosted by the **German Society of Cosmetic Chemists**. Details: **Dr. R. Müller**, German Society of Cosmetic Chemists, c/o **Dralle GmbH**, Gründgensstr. 6, 2000 Hamburg 60, West Germany.

55th Introductory Short Course on the Basic Composition of Coatings, Sept. 21-25, 1987, **University of Missouri-Rolla**, Rolla, Missouri. Contact: **Coatings Continuing Education**, Department of Chemistry, University of Missouri-Rolla, 142 Schrenk Hall, Rolla, MO 65401-0249.

October

1987 Annual Meeting and Paint Industries' Show, Federation of Societies for Coatings Technology, Oct. 5-7, 1987, **Convention Center**, Dallas, Texas. Details: **Federation of Societies for Coatings Technology**, 1315 Walnut St., Philadelphia, PA 19107.

Society of Cosmetic Chemists New York Chapter, Oct. 7, 1987, **Robin Hood Inn**, Clifton, New Jersey. Topics: **Photochemistry**

—**Historical Development, and Liaison Between Product Development and Marketing**. Contact: **Herman Brown**, Chapter Chairman, **Finetex Inc.**, 418 Falmouth Ave., Elmwood Park, NJ 07407, telephone 201-797-4686.

Escape Weekend, Society of Cosmetic Chemists New York Chapter, Oct. 16-18, 1987, **Great Gorge's Mountain View Resort**. Technical session on creams and lotions development. Contact: **Stu Feldman**, **Givaudan Corp.**, 100 Delawanna Ave., Clifton, NJ 07015-5034, telephone 201-365-8295.

15th Introductory Short Course on Paint Formulation, Oct. 19-23, 1987, **University of Missouri-Rolla**, Rolla, Missouri. Contact: **Coatings Continuing Education**, Department of Chemistry, University of Missouri-Rolla, 142 Schrenk Hall, Rolla, MO 65401-0249.

All-Day Seminar, Hair—Let's Get to the Root of It, Oct. 21, 1987, **Governor Morris Inn**, Morristown, New Jersey, sponsored by the **Society of Cosmetic Chemists New York Chapter**. Contact: **Harvey S. Schnur**, Seminar Chairman, **Felton Worldwide Inc.**, 599 Johnson

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Ave., Brooklyn, NY 11237, telephone 718-497-4664.

November

Steel Structures Painting Council annual meeting and technical symposium, Nov. 2-5, 1987, Sheraton World, Orlando, Florida. Technical symposium will be "Improving Field Reliability of Protective Coating Systems." Contact: Steel Structures Painting Council, 4400 Fifth Ave., Pittsburgh, PA 15213-2683.

Introduction to Polymer Chemistry Short Course, Nov. 2-6, 1987, University of Missouri-Rolla, Rolla, Missouri. Contact: Coatings Continuing Education, Department of Chemistry, University of Missouri-Rolla, 142 Schrenk Hall, Rolla, MO 65401-0249.

Society of Cosmetics Chemists New York Chapter, Nov. 4, 1987, Clinton Manor, Union, New Jersey. Topic: Cosmetic Con-

tenders Quiz Show. Contact: Herman Brown, Chapter Chairman, Finetex Inc., 418 Falmouth Ave., Elmwood Park, NJ 07407, telephone 201-797-4686.

December

2nd Pan Arab Conference on Soaps and Detergents, Dec. 6-10, 1987, Abu-Dhabi, U.A.E. Contact: Salih Rashid Al-Dhahiri, General Abu-Dhabi, Chamber of Commerce and Industry, PO Box 662, Abu-Dhabi, U.A.E.

1988

XIXth Meeting of CED/AID on Surfactants, March 9-11, 1988, Granada, Spain. Contact: Secretaria de la Asociación de Investigación de Detergents (AID), Jorge Girona Salgado, 18-26 Edificio Juan de la Cierva, 08034 Barcelona, Spain.

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: Lorna K. Weston, General Secretary, 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, Chuoku, Tokyo 103, Japan.

Surfactants & Detergents Letter to the Editor

Dear Editor:

We read with great interest Abstract P-4, on the manufacture of soap and detergent via a novel process, published in your September 1986 issue on page 1126.

We at Bombay Extractions Ltd., Bombay, India, have manufactured toilet soap by a similar process since November 1982. The fatty acid mixture is charged in a mixer with high mixing capacity. The temperature of the fatty acids is taken to about 70 C. Caustic soda solution is then added with the required quantity of water (including calculated process loss of moisture). The saponification is completed in three to four minutes, and the soap is run down to a mixer, where

additives, color and perfume are added. The rest of the process is the same as a regular toilet soap finishing line.

The main advantage here is energy savings, as excess water is not added as is done in the boiling process. As such, spray driers are not required to remove the excess moisture.

We have a medium-scale toilet soap plant with capacity to produce approximately 20 metric tons of soap per day. We now have initiated the manufacture of methyl esters of oils and fats. The esters are distilled and used in the manufacture of soap by a process similar to the one mentioned above except for two changes: (a) the mixer works under vacuum, and (b) the ester temperature is taken to

approximately 120 C. Caustic soda is added with the correct amount of water. Methanol which is displaced is condensed and collected. Saponification is completed in 20 minutes. The major advantage in this process is reduction in energy consumption in the manufacture of glycerine (glycerine produced by this process is of 75% concentration and can be directly distilled to 98% or more).

Crude esters are distilled at much lower temperatures than fatty acids, thus consuming less energy. The resultant product is a very light-colored ester, which can be used in light colored soaps.

K. Karani
Bombay Extractions Ltd.