

PUBLICATIONS

the book—chapters 14–21. The application part is quite thorough as it should be in a book on fatty acids in industry. This section of the book may be most practical for industrial fatty acid users. The application chapters cover the use of fatty acid derivatives in emulsifiers, synthetic lubricants, oil-field chemicals, metal-working fluids, flotation chemicals, textiles, paper and cosmetics. Finally, as is appropriate in our present environmentally protective climate, the last two chapters are concerned with pollution control and biological and toxicological properties of fatty acids and their derivatives.

The book is adequately illustrated and has many tables and figures. The publisher claims over 2,100 references. Some of the authors were quite meticulous in updating the citations; others were not. Chapter 15, on synthetic lubricants, has no references at all.

I believe this book should be useful to both the industrial and academic communities. There is much for both the specialist and the novice in the field. A great deal of information is covered in one text regarding the fatty acid industry, and it fills the need for more recent coverage of fatty acids and their applications. One of the editors—Earle

Fritz—died before the book was published. Earle was well-known to many of us in the fatty acid industry. Indeed, the book is a fitting memorial to him.

Lincoln D. Metcalfe
Akzo Chemicals Inc.
McCook, IL

New books

Proceedings of the World Congress on Vegetable Protein Utilization in Human Foods and Animal Feedstuffs, edited by T.H. Applewhite, American Oil Chemists' Society, PO Box 3489, Champaign, IL 61826-3489, 1989, 575 pp., \$95 for AOCS members, \$125 for nonmembers.

Complying with WHMIS: The U.S. Manufacturer's Guide to Canada's Chemical Labeling Regulations, by James T. O'Reilly, Roytech Publications Inc., PO Box 4367, Burlingame, CA 94011-4367, 1989, 280 pp., \$75.

Other publications

The International Castor Oil Association has published a pamphlet, **The Processing of Castor Meal**

for Detoxification and Dealler-generation. Toxicity and allergenicity are reviewed, and development work leading to a process for producing a meal suitable for animal feed use is discussed. Copies of the 75-page pamphlet are available from the association at 656 Linwood Ave., Ridgewood, NJ 07450, and cost \$17 for North American orders, \$22 overseas postpaid.

The Leatherhead Food R.A. has three new publications: **International Snack Foods Market, UK New Products Analysis 1988 and The Year in Perspective 1988**. The **Year in Perspective 1988** presents an overview of developments in the UK retail food and drink markets. It costs £100 for members, £250 for nonmembers. **UK New Products Analysis 1988** analyzes sectors by product type. Member price is £100; non-member price is £250. **International Snack Foods Market** focuses on salted, fried snacks. Member price is £145; non-member price is £295. Contact: The Leatherhead Food R.A., Randsalls Road, Leatherhead, Surrey KT227RY, England.

NEW PRODUCTS

M.O.S.T. CONCEPT

Herzog-Hart Corp. has introduced Multistep Organic Synthesis Technology (M.O.S.T.) for cost-effective design and construction of individually configured batch fine chemical and pilot plants. The concept uses proven technology and existing engineering designs from the company's database; Herzog-Hart claims this resource can result in substantial time and cost savings. Contact: Herzog-Hart Corp., 185 Dartmouth St., Boston, MA 02116.

LASER SAMPLER

Perkin-Elmer SCIEX Instruments' Model 320 laser sampler is design-

ed to permit direct elemental analysis of virtually any solid material without sample preparation. The system can be used with any Perkin-Elmer SCIEX ELAN inductively coupled plasma-mass spectrometer and offers high sensitivity, reduced interference and minimized sample contamination. The Model 320 laser sampler is controlled by a personal computer and is equipped with a sampling stage capable of three-dimensional positioning. Contact: The Perkin-Elmer Corp., 761 Main Ave., Norwalk, CT 06859-0012.

GAS FLOWMETERS

McMillan Co. offers a line of plastic

gas flowmeters, available in 10 ranges to cover gas flow rates from 10 ml/minute up to 100 liters/minute. The company claims readings are highly repeatable, with linearity better than 13% full scale. Measurements are displayed on an LCD digital display with numerals 0.39 inches tall. A 0-5 VDC recorder output signal and an AC-DC adapter plug are provided. Contact: McMillan Co., 1301 Sparrow Trail, Copperas Cove, TX 76522.

PESTICIDE ANALYZER

Carlo Erba's pesticide analyzer is a state-of-the-art automatic GC system for evaluating pesticide com-

NEW PRODUCTS

pounds in a variety of matrices. It is designed to separate and identify priority pollutant USPEA Method 608 organochloro pesticides and PCBs. The system, when fitted with an optional nitrogen-phosphorous detector, also can monitor nitrogen-containing herbicides. Features include a Vega Series 2 gas chromatograph, dual electron capture detectors, DB608 and DB5 wirebore columns and effluent "Press-Fit" connectors for easy column connection. Contact: Fisons Instruments, 24911 Avenue Stanford, Valencia, CA 91355.

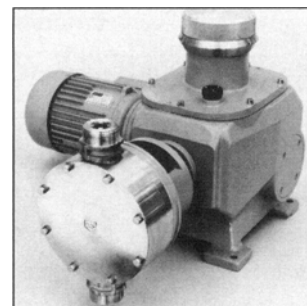
OIL CONTENT MONITOR

The ET-35AL oil content monitor from Shimadzu Scientific Instruments is designed for flexibility and reliability in monitoring effluent discharged into inland waterways. The unit uses ultrasonic emulsification. Conditions are selected via DIP

switches inside a water-resistant, hinged front door. Measuring ranges are from 0 to 30 ppm (51 ppm max.) and 0 to 120 ppm (256 ppm max.) with cycle frequencies of 15 seconds, 2 minutes, 5 minutes and 10 minutes. Contact: Shimadzu Scientific Instruments Inc., 7102 Riverwood Dr., Columbia, MD 21046.

AG-MILL

G.R. Anderson of Australia has introduced the AG-MILL, a processing machine that uses impact forces to dehull, crack or grind cereal grains, seeds and a diverse range of other agricultural, chemical and friable products. The mill's rotor assembly provides the velocity and forces to grind, dehull, split or coarse-crack; there are no screens, hammers or rollers. Contact: G.R. Anderson, PO Box 249, Riverwood 2210, N.S.W., Australia.



METERING PUMP

The ProMinent MAKRO TZ pump is designed for process engineering applications in the food, water purification, waste treatment, chemical and petrochemical industries. The company claims the pump has feed-rate capabilities of 490 GPH vs 545 PSI per liquid end through 245 GPH vs 90 PSI per liquid end. The pump is powered by a 240/480 volt, 60 hertz, 3-phase motor. Contact: ProMinent Fluid Controls Inc., PO Box 4549, Pittsburgh, PA 15205.

CALENDAR

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Short Courses on Analysis of Fats, Oils and Lipoproteins, Nov. 26-30, 1989, Ramada Hotel O'Hare, Rosemont, Illinois.

1989

September

1989 PORIM International Palm Oil Development Conference, Sept. 5-9, 1989, Kuala Lumpur Hilton, Kuala Lumpur, Malaysia. Contact: Conference Management Secretariat, PORIM, PO Box 10620, 50720 Kuala Lumpur, Malaysia.

198th American Chemical Society national meeting, Sept. 10-15, 1989, Miami Beach, Florida. Contact: American Chemical Society, 1155 16th St. NW, Washington, DC 20036.

International Symposium on Gas Separation Technology, Sept. 10-15, 1989, Antwerp, Belgium. Con-

tact: R. Dewolfs, University of Antwerp, Department of Chemistry, Universiteitsplein 1, B-2610 Antwerp-Wilrijk, Belgium. European Association for Cancer Research 10th anniversary meeting, Sept. 11-13, 1989, University College, Galway, Ireland. Contact: S.M. Lavelle, Experimental Medicine, University College, Galway, Ireland, or J.H. Weisberger, American Health Foundation, Valhalla, New York 10595-1599.

Annual meeting, German Society for Fat Research (DGF), Sept. 11-14, 1989, Münster, West Germany. Contact: Deutsche Gesellschaft für Fettwissenschaft e.V., Soester Strasse 13, D-4400 Münster, West Germany.

ASTM Committee D-12 on Soaps and Other Detergents, Sept. 12-14, 1989, ASTM headquarters, Philadelphia, Pennsylvania. Contact: ASTM, 1916 Race St., Philadelphia, PA 19103.

Midwest Section of the Society of Cosmetic Chemists' Seminar,

"The Impact of the 1990s: New Technology and Regulation," Sept. 12, 1989, Woodfield Hilton and Towers, Arlington Heights, Illinois. Contact: Andrew McCrea, Helene Curtis, 4401 West North Ave., Chicago, IL 60639.

Short Course, Sensory Evaluation of Food, Sept. 13-15, 1989, St. Paul, MN. Contact: American Association of Cereal Chemists, 3340 Pilot Knob Rd., St. Paul, MN 55121.

New Aspects on the Benefits, Hazards and Uses of Dietary Lipids, Sept. 18-20, 1989, Hotel Novotel, Göteborg, Sweden. Contact: Secretariat, International Union of Food Science and Technology Symposium on Dietary Lipids, c/o SIK, PO Box 5401, S-402 29 Göteborg, Sweden.

103rd AOAC International Meeting and Exposition, Sept. 25-28, 1989, The Clarion Hotel, St. Louis, Missouri. Contact: Mar-

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CALENDAR

garet Ridgell, Association of Official Analytical Chemists, 1111 N. 19th St., Suite 210, Arlington, VA 22209.

64th World Congress, International Association of Seed Crushers, Sept. 25-29, 1989, Buenos Aires, Argentina. Contact: IASC 64th World Congress, Interburo Travel S.A., Paraguay 647, 4th piso, 1057 Buenos Aires, Argentina.

The 30th International Conference on the Biochemistry of Lipids, Sept. 26-29, 1989, Stresa (Lake Maggiore), Italy. Contact: Mrs. B. Rolander-Chilo, Nutrition Foundation of Italy, Via San Pietro all'Orto 17, 20121, Milan, Italy.

October

Third International Conference on Leaf Protein Research. Oct. 1-7, 1989, Pisa, Italy. Contact: Leafpro-89 Secretariat, c/o Istituto Industrie Agrarie Università, Via S., Michele 4, 56100 Pisa, Italy.

The Association for the Advancement of Industrial Crops annual conference, Oct. 2-6, 1989, Peoria, Illinois. Contact: G. Earle Hamerstrand, Conference Chairman, USDA's Northern Regional Research Center, 1815 N. University, Peoria, IL 61604.

Annual meeting, Canadian Section of AOCS, Oct. 14-17, 1989, Nova

Scotian Hilton International Hotel, Halifax, Nova Scotia, Canada. Contact: AOCS Canadian Section, c/o R.G. Ackman, Canadian Institute of Fisheries Technology, Technical University of Nova Scotia, Box 1000, Halifax, Nova Scotia, Canada B3J 2X4.

Canadian Manufacturers of Chemical Specialties' annual meeting, Oct. 15-17, 1989, Hilton International Quebec, Quebec City, Canada. Information: Telephone 613-232-6616.

International Federation of Societies of Cosmetic Chemists (IFSCS) 1989 Conference "Sun and the Skin" and the Latin American-Iberian Congress, Oct. 15-21, 1989, Sheraton San Cristobal Hotel, Santiago, Chile. Contact: IFSCS, Delaport House, 57 Guildford St., Luton, Beds LU1 2NL, England.

Australian Oilseed Federation Annual General Meeting, Oct. 27, 1989, Sydney, Australia. Contact: Australian Oilseed Federation, Suite 2, 6A Post Office St., Pymble, New South Wales, Australia 2073.

10th Annual Meeting of the Society of Environmental Toxicology and Chemistry (SETAC), Oct. 28-Nov. 2, 1989, Royal York Hotel, Toronto, Ontario, Canada. Contact: SETAC, 1133 15th St. NW, Suite 1000, Washington, DC 20005.

Cosmetic, Toiletry and Fragrance Association (CTFA) scientific conference, Oct. 29-Nov. 1, 1989, Wyndham Franklin Plaza Hotel, Philadelphia, Pennsylvania. Contact: CTFA, Suite 800, 1110 Vermont Ave., NW, Washington, DC 20005.

American Association of Cereal Chemists (AACC) annual meeting, Oct. 29-Nov. 2, 1989, Sheraton Washington Hotel, Washington, DC. Contact: AACC, 3340 Pilot Knob Rd., St. Paul, MN.

November

Latin American Congress on Oil Processing, organized by the Latin American Section of AOCS, Nov. 5-8, 1989, Casa Grande Hotel, Guarujá, Sao Paulo, Brazil. Contact: Gerardo Feldhaus, Química Sumex S.A. de C.V., PO Box 19-201, 03910 Mexico City 19, Mexico.

9th International Symposium on HPLC of Proteins, Peptides and Polynucleotides, Nov. 6-8, 1989, Wyndham Franklin Plaza Hotel, Philadelphia, Pennsylvania. Contact: Barr Enterprises, PO Box 279, Walkersville, MD 21793.

National Renderers Association's (NRA) 56th annual convention, Nov. 7-11, 1989, Royal York Hotel, Toronto, Canada. Contact: NRA, E. Devon Ave., Des Plaines, IL 60018.

AOCS Mission Statement

To be a forum for the exchange of ideas, information and experience among those with a professional interest in the science and technology of fats, oils and

related substances in ways that promote personal excellence and provide for a high standard of quality.

Declaration by the Governing Board

The American Oil Chemists' Society is organized for charitable, educational and scientific purposes. It does not have as its purpose the promotion of any product, manufacturers, laboratory or business. Members of the Society, and employees of the Society, do not and may not speak for or on behalf of the Society without the expressed permission of the Governing Board.

This prohibition includes the use of the American Oil Chemists' society logo or letterhead when making a statement of a technical or economic nature. Members of the Society, or employees of the Society, speak only for themselves when giving opinion or making statements concerning technical matters and economic matters.
