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- 1162 **EPA and DHA Contents of Encapsulated Fish Oil Products**
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- 1171 **Characterization of Nonionic Surfactants Using Supercritical Fluid Chromatography and Carbon-13 Nuclear Magnetic Resonance Spectroscopy**
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- 1176 **Soil Wetting Agents from Fatty Nonionic Tertiary Amides: "Aromatic Adducts without Aminoester"**
T.J. Micich

CALENDAR**AOCS National Meetings**

Annual Meeting, April 22-25, 1990,
Baltimore Convention Center, Baltimore, Maryland.

AOCS World Conferences

World Conference on Edible Oils and Fats Processing: Basic Principles and Modern Practices, Oct. 1-6, 1989, Maastricht, The Netherlands.

World Conference on Oleochemicals, Oct. 7-12, 1990, Kuala Lumpur Hilton Hotel, Kuala Lumpur, Malaysia.

AOCS Short Courses

AOCS/CSMA Surfactants and Detergents Industry Conference, Hotel Hershey, Hershey, Pennsylvania, Oct. 29-Nov. 1, 1989.

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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.

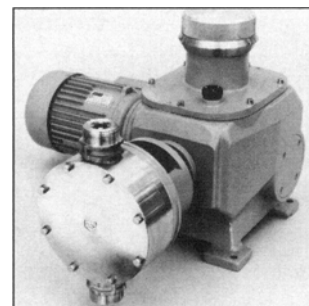
OIL CONTENT MONITOR

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-

(Continued)

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

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