

Meetings

AOCS National Meetings

Sept. 24-28, 1972-Ottawa, Canada, Chateau Laurier Hotel, Holiday Inn.

April 29-May 3, 1973-New Orleans, La., Jung Hotel.

Other Organizations

August 14-17, 1972-III Inter-American Conference on Materials Technology, Copacabana Palace Hotel, Rio de Janeiro, Brazil. Contact: I.A.C.M.T.-Travel Planners, Box 32366, San Antonio, Tex. 78216.

Aug. 19-21, 1972-National Soybean Processors Association Annual Meeting, Washington Plaza Hotel, Seattle, Wash.

Aug. 20-25, 1972-8th Annual Meeting of the Federation of European Biochemical Societies, International Congress Centre RAI, Amsterdam.

Aug. 21-25, 1972-Fifth International Congress on Catalysis, Miami Beach, Florida.

Aug. 27-Sept. 1, 1972-American Chemical Society Fall Meeting, Americana Hotel, New York, N.Y.

September 11-13, 1972-Analytical Chemistry Workshop, Analytical Chemistry Division, The Chemical Institute of Canada, Ottawa, Ontario.

Sept. 11-15, 1972-VIIIth Congress of the International Federation of the Societies of Cosmetic-Chemists (IFSCC), Chemical State Institute, Hamburg University, Hamburg, West Germany. Contact: Gesellschaft Deutscher Kosmetik-Chemiker e.V., Dr. Hermann Protzen, 2000 Hamburg 13, Innocentiast. 40.

Sept. 21-22, 1972-East Coast Conference on Nutrition: Marketing and the Law, The New York Hilton, New York City. Contact: The Food and Drug Law Institute, 1750 Pennsylvania Ave., N.W., Washington, D.C. 20006.

Sept. 23-27, 1972-11th Annual Meeting, ASTM Committee E-19 on Chromatography, Stouffer's River Front Inn, St. Louis, Mo. Contact: J.H. Fager, Union Carbide Corp., Box 65, Tarrytown, N.Y. 10592.

Sept. 23-October 1, 1972-27th International Exhibition of Food Preserving Industries, Parma, Italy. Contact: International Exhibition of Food Preserving Industries, Parco Ducale 43100, Parma, Italy.

Sept. 24-27, 1972-The National Environmental Information Symposium, Na-

tional Environmental Research Center, EPA, Cincinnati, Ohio. Contact: Gilbert M. Gigliotti, Director, Public Affairs Office, National Environmental Research Center, U.S. Environmental Protection Agency, Cincinnati, Ohio 45268.

October 1-5, 1972-Food and Dairy Exposition, Atlantic City, N.J.

Oct. 9-12, 1972-27th Annual Instrument Society of America Conference, Coliseum, New York, N.Y.

Oct. 12-13, 1972-West Coast Conference on Nutrition: Marketing and the Law, The Stanford Court Hotel, San Francisco, Calif. Contact: The Food and Drug Law Institute, 1750 Pennsylvania Ave., N.W., Washington, D.C. 20006.

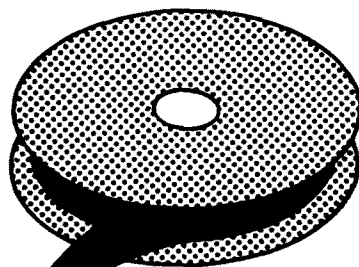
Oct. 24-28, 1972-50th Annual Meeting of the Federation of Societies for Paint Technology, Chalfonte-Haddon Hall, Atlantic City, N.J.

Oct. 25-26, 1972-International Technico-Economical Symposium: Organic and Inorganic Intermediates in Europe in the 1970's, Hotel Atlanta, Brussels, Belgium. Contact: i.b./c.c. Administration, Nieuwelaan 65, B-1820 Strombeek, Belgium.

Oct. 25-31, 1972-4th International Chemistry Exhibition and Mac '72, Milan, Italy.

November 6, 1972-Canadian Society for Chemical Engineering's Symposium on Diffusion in Chemical Processes, Seaway Towers Hotel, Toronto, Ont., Canada. Contact: R. Hummel, Symposium Chairman, Dept. of Chemical Engineering, University of Toronto, Toronto Coppersmithing Co. Ltd., 220 Midwest Rd., Scar-

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• **Abstracts . . .**

(Continued from page 357A)

economic advantage either in plant operation or in capital expenditures. Consumer reactions to these products are also given.

LAUNDRY DETERGENTS SCREENED FOR BIODEGRADABILITY. Anon. *Soap, Cosmetics, Chem. Specialties* 48(4), 42-4 (1972). The results of a series of screening tests carried out by the French Atomic Energy Commission on commercial laundry detergents are given. A rapid biodegradability test (48 hours) was used and found to be satisfactory. Only 8 of the 41 products tested satisfied the minimum biodegradability requirement of 80%.

COLORIMETRIC DETERMINATION OF CARBOXYMETHYLCELLULOSE. G. Kunovits (F. Hoffmann-La Roche & Co. AG, Basel, Switzerland). *Seifen-Öle-Fette-Wachse* 98(9), 250 (1972). Described is a simple and easily practicable determination with good accuracy using thioglycolic acid.

NONIONIC SURFACTANTS. IV. SURFACE AND MICELLAR PROPERTIES OF TERPENE ETHERS OF POLYETHYLENE GLYCOLS. St. Kucharski (Inst. of Organic and Plastics Tech., Tech. Univ., Wrocław, Poland). *Koll.-Z. u. Z. Polymere* 250, 231-3 (1972). The surface and micellar properties of terpene ethers of polyethylene glycols containing 6 to 12 oxyethylene units were described. By employing the Gibbs' adsorption equation the surface area per molecule in the surface adsorption layer was calculated. The isotherms of surface tension vs. concentration enabled the evaluation of critical micelle concentrations, enthalpy and entropy of micelle formation. Also, the relation between cloud point and concentration was described.

TOILET SOAPS BY COLD SAPONIFICATION. T. Kunzmann. *Seifen-Öle-Fette-Wachse* 98(9), 247-8 (1972). The manufacture of toilet soaps and use of various raw materials is described.

DETERGENT FORMULATIONS. M.T. Yang (Ethyl Corp.). *U.S.* 3,637,511. The nonphosphorus detergent builders provided are the water soluble salts of N,N-di(carboxymethyl)-aspartic acid (e.g., the tetrasodium salt). Synthesis of the builders is described. ■

• **Meetings . . .**

(Continued from page 331A)

- borough, Ont., Canada.
- Nov. 28-30, 1972—Second International CAMAG Symposium on Thin Layer Chromatography and Electrophoresis, Park Sheraton Hotel, New York. Contact: Program Director, CAMAG, Inc., 2855 S. 163 St., New Berlin, Wis. 53151.
- June 20-27, 1973—Alchema '73 and the European Meeting of Chemical Engineering, Frankfurt/Main, Germany
- July 2-6, 1973—Second Congress of the *Association Internationale de la Couleur*, University of York, England.
- October 29—November 2, 1973—Fourth International Conference on Atomic Spectroscopy, Toronto, Ontario, Canada. ■