

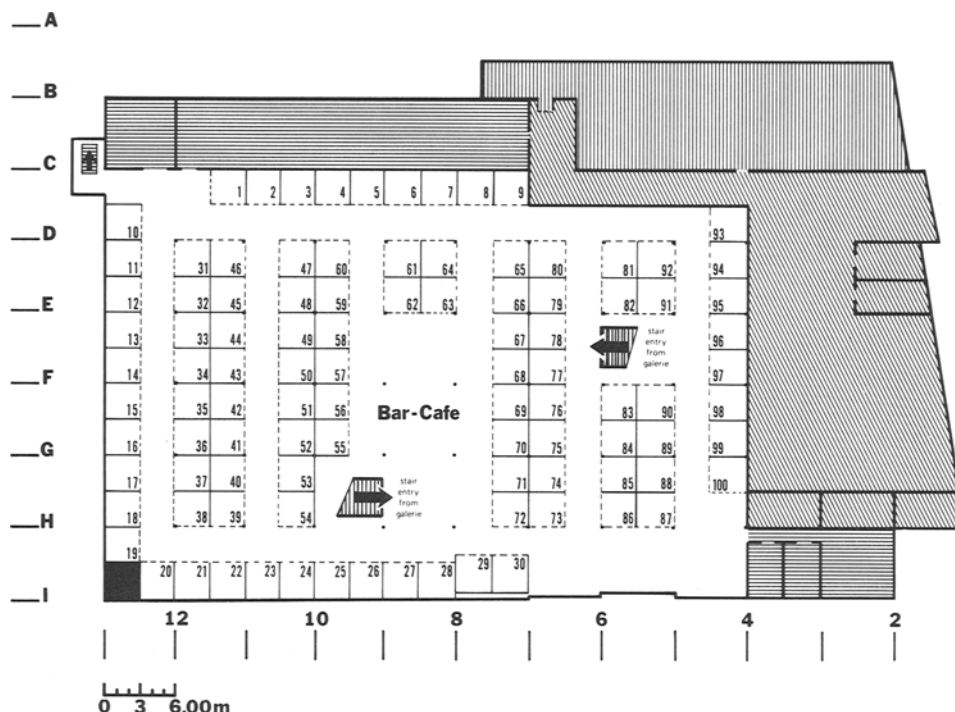
Convention & Exhibition Centre

Exhibit Hours

Sunday, October 9, 1977	4 p.m. to 7 p.m.
Monday, October 10, 1977	8 a.m. to 4:30 p.m.
Tuesday, October 11, 1977	8:45 a.m. to 4:30 p.m.
Wednesday, October 12, 1977	8:45 a.m. to 12:30 p.m.
Thursday, October 13, 1977	8:45 a.m. to 4:30 p.m.

Send space reservations and deposits to: P. Graham, World Conference on Soaps and Detergents, 508 South Sixth Street, Champaign, IL 61820, USA. Phone: (217) 359-8028, Telex: 40-4472 Oil Chem Chn.

For Exhibition Hall information contact: Mr. X. Kempf, Manager Convention Center, Grand-Rue 42, 1820 Montreux, Phone: 021/61 3384, Telex: 24471.



List of Exhibitors As of July 1st

ACMA S.p.A. (Booth 68) will display its complete range of packaging machines, including carton fillers for detergent powders and soap wrappers for toilet and laundry soaps, which can be completed with final packaging equipment, i.e., case packers, case openers and positioners, case gluers, and tapers. ACMA's exhibit will stress the comprehensive range and its experience in providing packaging machines to the soap and detergent industry worldwide. Mailing address: ACMA S.p.A., via Fioravanti, 27, 40129 Bologna, Italy.

Ballestra S.p.A. (Booths 76 & 77) designs and builds patented plants for the chemical industry and specializes in plants for the manufacture of synthetic detergents. Featured in its exhibit will be facilities for continuous SO₃ sulfonation and sulfation, continuous spray drying, manufacture of synthetic toilet and laundry soaps, and other plants serving the industry. Mailing address: Ballestra S.p.A., Via G. Fantoli, 21/17, Milano, Italy.

Binacchi S.p.A. (Booth 80) will feature soap processing equipment manufactured in the Binacchi plant in Varese, Italy. Mailing address: Binacchi (UK), Skilton House, Brafield Road, Horton, Northampton, NN7 2AZ, England.

Buhler Brothers Ltd. (Booth 71). Mailing address: Buhler

Brothers Ltd., CH-9240 Uzwil/Switzerland.

Ciba-Geigy, Ltd. (Booth 67) will describe the firm's full range of activities in the soap and detergent industry through use of poster displays, supporting material, and personal representatives. The exhibit will give full information on the firm's superbrightener, "TINOPAL CBS-X" and all other "TINOPAL" fluorescent whiteners recommended for application in soaps and in powder and liquid detergents; the specially selected "IRAGON" dyes for soaps and detergents; and the antimicrobial "IRGASAN DP 300" for deo- and liquid hand-sanitation soaps. Emphasis will be placed on the toxicological and ecological integrity of these products. Mailing address: Ciba-Geigy Ltd., 4002 Basel, Switzerland.

Costruzioni Meccaniche Bernardini, S.p.A. (Booths 62 & 63) will feature models of its plants for recovery of glycerine from spent lyes and subsequent distillation of the crude glycerine obtained, a model of the firm's plant for the selective hydrogenation of fatty acids, and stearic acid flaking equipment. CMB also will display copies of the book "The New Oil and Fat Technology" along with literature covering the entire range of the firm's manufacturing lines. Mailing address: CMB S.p.A., Via della Petronella 2, 00040 Pomezia, Rome, Italy.

Fratelli Gianazza (Booth 82) manufactures equipment and plants for industrial fats and oils processing. The company will feature examples of its continuous fatty acid distillation plants and plants for production of crude glycerol and pure glycerol. The company also manufactures plants for solvent extraction of oils, filtration, bleaching, deodorizing, and fat splitting. Mailing address: Fratelli Gianazza, S.p.A., 20025 Legnano, Italy.

Friedrich Steinfels AG (Booth 60) is the leading Swiss company for the manufacture and marketing of soaps, detergents, fabric softeners, toiletries, oleochemicals, and industrial cleaners. Founded in 1832, the company is one of the few independent European detergent manufacturers with significant shares of the Swiss market. The firm has 350 employees, including four sales teams in oleochemicals and detergents for household, institutional, and industrial clients. Subsidiary firms are active in computer applications (Perminova Inc.), trading of surface active agents (Tensochema Inc.), and technology transfer. Mailing address: Friedrich Steinfels, Heinrichstrasse 255, 8005 Zurich, Switzerland.

K-Tron/Soder AG (Booths 55 & 56) offers multi-component feeding systems for continuous mixing processes. The firm's two factories in the United States and in Switzerland have extensive experience in construction of systems for the manufacture of detergents, chemicals, and foods. The firm's exhibit will feature the latest in digital technology for the feeding and controlling of powders and liquids, single- and twin-screw feeders, weigh belt feeders, and the new gravimetric loss-in-weight feeding system. Mailing address: K-Tron/Soder AG, CH-5702 Niederlenz, Switzerland.

Lurgi Apparate-Technik GmbH (Booth 72) will feature photographs of plants for SO₃ generation, sulfonation for the production of active matter, and spray dryers and spray mixers for detergents. Pamphlets, brochures, and simplified process diagrams for all processes will be available. Lurgi provides design and supply of complete processing plants for edible oil extraction and physical refining, fatty acid production (splitting, distillation, fractionation, stearin-olein separation), glycerine recovery, fatty alcohol production, SO₃ generation, sulfonation/sulfation (Chemithon process), slurry preparation and spray drying of detergents, and spray mixing of detergents (Pulmix process). Mailing address: Lurgi Apparate-Technik GmbH, Postfach 11 91 81, D-6000 Frankfurt 2, West Germany.

G. Mazzoni S.p.A. (Booth 69) will feature its extensive construction program in photographs and literature which includes complete plants and equipment for the manufacture of soap and synthetic detergents: fat splitting, fatty acid distillation, glycerine recovery and distillation, vacuum spray drying, toilet and laundry soap processing, sulfonation and sulfation plants. Mailing address: G. Mazzoni S.p.A., P.O. Box 421, 21052 Busto Arsizio, Italy.

Meccaniche Moderne (Booth 81) manufactures and constructs machinery and plants for soap and synthetic detergent production. The company will display photographs and literature on sulfonation and sulfation plants which it manufactures under license from Allied Chemical Corp., and other equipment in the soap and detergent industry. Mailing address: Meccaniche Moderne, P.O. Box 388, 21952 Busto Arsizio, Italy.

Novo Industri A/S (Booths 57 & 58) is the world's largest producer of detergent enzymes. The firm's headquarters is in Bagsvaerd, Denmark, with research, production, and marketing facilities throughout the world. The enzyme division has done extensive research and development not only for use in detergents, but also for use in other industries. The display will emphasize detergent enzymes. Mailing address: Novo Laboratories, Inc., 59 Danbury Road, Wilton, CT 06897, USA.

Shell International Chemical Co. of London (Booths 29 & 30) exhibit will describe how Shell Companies have strengthened their position as fully integrated producers of surfactants and intermediates with new plants now on stream in the United States. Employing SHOP (Shell Higher Olefin Process) technology, the plants produce linear alpha olefins, olefinic feedstocks, and shell detergent-alcohols. Products are supplied from plants in the U.S.A., England, France, The Netherlands, Japan, and Australia. Available through a worldwide marketing network are olefins, alkylates, alcohols, ethoxylates, sulfonates, and sulfates. Technical information will be provided. Mailing address: Shell International Chemical Co., Ltd., Shell Centre, London, S.E. 1, England.

Supelco Inc. (Booth 28), through a central distribution facility in Montreux and distributors throughout Europe, provides the soap and detergent industries with a convenient source of chromatographic materials including gas chromatographic columns, phases and supports, esterification and derivative reagents, and high purity lipid standards. Also provided are TLC supplies, pesticides, aflatoxins, and material relevant to industrial hygiene analysis. Mailing address: Supelco Inc., Supelco Park, Bellefonte, PA 16823, USA.

Unichema International (Booths 83 & 84) is one of the world's major suppliers of fatty acids and oleo-chemical derivatives. In Montreux, Unichema International will demonstrate the advantages in using its distilled fatty acids in liquid soaps and disinfectants, in high-quality toilet soap, and in controlled suds detergent powders. The firm also will emphasize the role of fatty acids, esters, and other derivatives in future generation of ecologically acceptable detergent systems. Mailing address: Unichema International, Curslackner Neuer Deich 66, 2050 Hamburg 80, West Germany.

Unger Fabrikker A/S of Norway (Booth 8) will feature its sulfonation plant in its exhibit. The display will include a photographic depiction of the plant with product samples available. T.B. Unger, present board chairman, founded the firm in 1922. Unger is a bulk producer of surface active materials with emphasis on anion actives. It is among the biggest sulfonators in Europe with 80% of its production exported to other countries in Europe, Africa, the Middle East, Far East and the Western Hemisphere. Mailing address: Unger Fabrikker A/S, 1600 Fredrikstad, Norway.

Westvaco Corporation (Booth 78) has long been a supplier of tall oil fatty acids for the soap and detergent industry. Recently two new products have been announced. Westvaco DIACID 1550 is a unique C₂₁ dicarboxylic acid with surfactant properties similar to coconut fatty acids, but also useful in reducing costs of cationic fabric softener formulations. Custofac H-240 is a coupling agent derived from a renewable source. It has proved to be superior to other coupling agents on a cost/performance basis, the firm says. All of these products are manufactured in the United States, but are available internationally through Westvaco Worldwide Corporation. Mailing address: Westvaco Corp., P.O. Box 4795, Charleston Heights, South Carolina 29405, USA. ●