

pher J. Cimini has been appointed technical sales representative. PQ International Inc. is a subsidiary of PQ Corp.

**Engineered Materials**, a division of Hi-Purity Materials Inc., will distribute Lonza Inc.'s fused and calcined aluminas and its silicon carbide.

Henry F. Whalen, vice president and director of corporate development for the PQ Corp., has received the 1988 Chemical Marketing Research Association (CMRA) Memorial Award. The award is presented

annually to a chemical industry executive who has made outstanding contributions to the understanding, acceptance, methods and knowledge of chemical marketing research.

Robert Potts, formerly a research and development chemist with AZS Corp., has joined Unichema as a technical service representative.

Akzo Chemie America has named Charles M. Donohue director of regulatory affairs. Peter W. Spoor has joined the company as business manager of the polymer processing and



Charles M. Donohue



Peter W. Spoor

coatings group. Meanwhile, Akzo, the parent company, has unveiled a new corporate logo and new names for its five divisions, identified under the Akzo name: fibres and polymers, salt and basic chemical, chemical, coatings and pharma divisions.

## Surfactants & Detergents Publications

### Book review

**Synthetic Detergents, 7th Edition**, by A.S. Davidson and B. Milwidsky (John Wiley & Sons Inc., 605 Third Ave., New York, NY 10158, 1987, 315 pp., \$59.95).

This is the seventh edition of a book first published in 1938 under the title *Polishes*. The last edition was published in 1977, and therefore, a new updated publication is welcome. The book is divided into seven chapters: developments in the detergent industry; principal groups of synthetic detergents; inorganic components of detergents, builders and other additives; sundry organic builders; synthesis of detergents; manufacture of finished detergents; and application and formulation of detergents.

As pointed out by the authors in the preface, the book is designed as a training manual for new workers in the detergent industry, as a reference manual and as a textbook for the study of a typical chemical process industry. The book gives an excellent overview of the industry but tends to dwell a great deal on equipment and the engineering aspects in deference to the chemical aspects. In particular, the discussion of sulfonation goes deeply into the various types of sulfona-

tors and sulfonation processes but provides much less detail concerning the chemistry and applications of the various sulfonates and sulfates used in the industry. The treatment of nonionics is much more equitable between the chemical and engineering aspects of these surfactants. Cationics and amphoteric are very briefly mentioned. The authors refer the reader to recent publications and the patent literature for a more detailed discussion of the chemistry and processes that are just introduced in the book.

The book briefly discusses such new topics as fluorocarbons, peaked nonionics, and biodegradability and eutrophication that obviously were not addressed in previous editions. It does not mention recent issues such as dioxane content on anionics. It provides a good selection of examples of typical formulations and a good discussion of liquid detergents in the final chapter. Several typographical errors that could cause some misunderstanding to those who are new to the industry were found. The index is very complete and useful as are many of the figures and tables updated and expanded from previous editions of this volume.

Overall, this publication does meet the goals of its author to provide a concise overview of the industry and can be of use as a quick reference source for the experienced

reader and a training manual for the newcomer or student.

P.D. Berger  
Organics Division R&D  
Witco Corp.  
Houston, TX

### Other publications

**Industrial Applications of Surfactants**, edited by D.R. Karsa, The Royal Society of Chemistry, Blackhorse Road, Letchworth, Herts., SG6 1HN, England, 1987, 352 pp., \$65.

The Federation of Societies for Coatings Technology has published the 1988 edition of **Guide to Coatings Courses, Symposia and Seminars**. The guide lists coatings educational offerings in the U.S. and Canada, grouped by geographic region. Copies of the 43-page guide are available for \$5 each. Contact: Federation of Societies for Coatings Technology, 1315 Walnut St., Suite 832, Philadelphia, PA 19107.

The International Federation of the Societies of Cosmetic Chemists (IFSCC) has available its **Kosmet Database**, covering information on cosmetic and perfume science and technology, including raw materials, manufacture, analysis, control and use. Contact: IFSCC, Delaport House, 57 Guildford St., Luton, Bedfordshire LU1 2NL, England.