

SD&C Committee Spotlights

SOAP AND SYNTHETIC DETERGENT ANALYSIS COMMITTEE (JOINT WITH ASTM)

This AOCs committee is joint with ASTM Committee D12 on Soaps and Other Detergents, wherein it is organized as a subcommittee. The ASTM subcommittee presently is organized with five working task groups as follows:

Task Group 35: Analysis of Alpha Olefin Sulfonates

R.D. Gorsich, Chairman; G. Battaglini, K. Guin, L. McFarquhar, H.F. Robinson, E.A. Setzkorn, J.P. Simko, G. Spiegelman.

During the past year, an alpha olefin sulfonate analysis method covering six components normally found in this material was published in ASTM. Further work is proceeding on tests for color and equivalent weight determinations.

Task Group 36: Analysis of Carboxymethylcellulose (CMC) in Detergents

P. Kudirka, Chairman; A.H. Russell, A.F. Cronin, J.E. Rader, F.J. Masucci, D.S. Corliss, K.F. Guin, E.A. Setzkorn, M.L. Mausner.

Dr. Paul Dudirka has consented to act as chairman for this Task Group. A round robin is planned for 1979, testing a colorimetric procedure revised through the 1978 efforts of the Task Group.

Task Group 37: Analysis of Linear Detergent Alkylate

J.R. Morrison, Chairman; C.W. Ellis, K. Guin, R. Kelley, D. Lundgren, M. Mausner, E.A. Setzkorn, J. Corinth, G. Battaglini, P. Kudirka, D. Risi, P.J. Masucci, H. Robinson, J. Williams, F. Rehbein, W.W. Klemme, M.A. Johnson.

Round robin work conducted on eight physical property tests for detergent alkylate was conducted in 1978. In general, the precision of the results was not satisfactory. Some special work on the troublesome tests will be conducted in 1979. Another round robin is also scheduled for 1979. The addition of nine new members to the Task Group is expected to stimulate the Task Group program and also provide much additional test data for statistical evaluations.

Task Group 38: Analysis of Nonionic Surfactants

K. Guin, Chairman; J. Crossley, C.W. Ellis, R. Gorsich, R. Kelley, W. Kraszewski, R. Lehne, H. Locke, M.L. Mausner, A.H. Russell, E.A. Setzkorn, A. Schmitz, G. Battaglini, W.W. Klemme, F.J. Masucci, H. Robinson.

Another round robin activity was completed in 1978, completing tests on all quality parameters of commercial nonionic surfactants. Test results for color were not satisfactory and will require further study.

Additional work is planned utilizing High Pressure Liquid Chromatography for analysis of polyethylene glycols in nonionic surfactants, and a hydroiodic acid cleavage method will be studied for identification of the alkyl hydrophobe in a nonionic surfactant. The HI cleavage method forms alkyl iodides from the long chain alcohol portion of a nonionic. The Task Group will study the isolation of the alkyl iodides followed by characterization by GLC.

Task Group 39: Analysis of Anionic Detergent Actives by the p-Toluidine-HC1 Method

L.H. McFarquhar, Chairman; F. Rehbein, R. Gorsich, G. Battaglini, J. Crossley, H. Robinson, A. Russell, K. Guin, E.A. Setzkorn, G. Hile.

A round robin was conducted using this method to test four different types of anionic detergents for active content. The precision of the analyses was very satisfactory; however, the Task Group expressed concern on the accuracy of the method for the alcohol ether sulfate type active. This question will be studied in the coming year. In addition, studies are planned on extending the method to include the determination of equivalent weight of the anionic active matter.

Members-At-Large: W.J. Beach, T.C. Campbell, J.P. Cassidy, B. Cohen, R.G. Davis, J.J. Diliberto, G.D. Downey, G.C. Feighner, H.E. Gochman, D.R. Goodman, I.J. Greenberg, E.P. Holtveg, F.T. Lense, G.A. Lux, A.M. Mankowich, E. Miller, R.T. Morlino, R.E. Reavill, H. Stupel, D. Swit, J.R. Taylor, R.M. Teates, M. Brungel.

EUGENE SETZKORN
Chairman

SD&C Four Corners



Chairman, International Relations — Eugene Marshack • Corresponding Secretaries — B. Fell and P. Strasser

Australia P. Strasser The Tenth Congress of the International Federation of Societies of Cosmetic Chemists

The 10th Congress, with a theme of "Cosmetic Horizons," attracted 450 delegates and 150 accompanying persons from 21 countries at Sydney, Australia, last October.

The opening took place in the Sydney Opera House with Mr. H.J. King, chairman of the organizing committee and

immediate past president of the Australian Society, welcoming the delegates.

Dr. M.R. Nearn, president of the Australian Society of Cosmetic Chemists, welcomed the overseas visitors and gave a short history of the A.S.C.C. since its conception in 1963. A brief description of Australia and its cosmetic and toiletries industry consisting of 58 manufacturers employing 4,500 people and with sales of \$233 million established both the importance of the industry to Australia and a context for the Congress. Dr. N. Fukuhara, outgoing