

IR - Sadtler Surfactants (Subset) 1 - Wiley

Spectra - 1,795

Description

Bio-Rad has compiled a reference database of 1,795 infrared spectra of surfactants (surface active agents) to help satisfy a high percentage of analytical applications for this area of technology.

It contains commercially available products such as detergents, soaps, emulsifiers, chelating agents, corrosion inhibitors, slip agents, thickening agents, optical bleaches, lubricants, defoamers, sequestering agents, softeners, etc. Analytical application includes identification, quality control, decomposition studies, product selection, *in-situ* study of their particular utility.

Additional Information

The commercial name, chemical name or description, and method of sample preparation for analysis are presented for each compound along with the spectrum.

In addition, the manufacturer of each product is presented so that those interested in utilizing a certain chemical for their particular application can readily locate further information, or materials, for experiment. The following additional information will also be supplied when available: chemical description, source of sample, technique, and classification.

Classifications

Alcohols - 34	Isethionates - 3
Hydrocarbons - 11	Taurides - 6
Glycerol Fatty Esters - 15	Other Sulfated and Sulfonated Materials - 6
Sorbitol and Sorbitan Fatty Esters - 17	Sulfonated Polyalkoxylated Ethers - 24
Other Fatty Esters - 47	Sulfonated Polyalkoxylated Esters - 6
Miscellaneous Esters - 7	Fatty Acids - 9
Primary, Secondary and Tertiary Amines - 33	Mono- and Di-esters of Polyglycols - 79
Amine Condensates, Amides and Alkanolamides - 98	Polyalkoylated Sorbitol and Sorbitan Fatty Esters - 25
Quaternary Ammonium Salts - 85	Glycerides and Polyalkoxylated Esters - 38
Amine Oxides - 21	Polyalkoxylated Alcohols - 159
Substituted Nitrogen Heterocycles - 56	Polyalkoxylated Phenols - 123
Carboxylic Acid Salts - 29	Other Polyalkoxylated Ethers - 58
Betaines - 17	Polyalkoxylated Thioethers - 6
Alpha and Beta Amino Acids and Salts - 18	Polyalkoxylated Amines - 73
Lecithins - 10	Polyalkoxylated Amino Condensates - 34
Alkyl Sulfates - 58	Phosphates - 154
Alkyl Sulfonates - 46	Polyelectrolytes - 6
Sulfated and Sulfonated Esters - 67	Silicones, Siloxanes and Silicates - 55
Alkyl Aromatic Sulfonic Acids - 13	NTA, EDTA, DTPA Acids and Salts - 60
Alkyl Aromatic Sulfonates - 75	Compounds Containing Halogen - 16
Sulfated and Sulfonated Amines - 19	Corrosion Inhibitors - 28
Sulfated and Sulfonated Amides - 4	Optical Bleaches - 4
Sulfated and Sulfonated Carboxylic Acids - 5	Miscellaneous Materials - 29

This collection has been subject to the Sadtler Data Review Protocol™ to provide you with the highest standard in spectral data today. These rigorous qualifying procedures start at data acquisition and continue throughout the database development process.