

## IR - Sadtler Surfactants (Subset) 2 - Wiley

Spectra - 1,700

### Description

Bio-Rad has compiled a reference database of 1,700 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. Chemical description, source of sample, technique, and classification is also be supplied when available.

### Classifications

Alcohols - 74	Isethionates - 5
Hydrocarbons - 12	Taurides - 4
Glycerol Fatty Esters - 68	Other Sulfated & Sulfonated Materials - 4
Sorbitol & Sorbitan Fatty Esters - 20	Sulfonated Polyalkoxylated Ethers - 37
Other Fatty Esters - 68	Fatty Acids - 106
Miscellaneous Esters - 46	Polyalkoylated Sorbitol & Sorbitan Fatty Esters - 28
Primary, Secondary, & Tertiary Amines - 77	Glycerides & Polyalkoxylated Esters - 85
Amine Condensates, Amides, & Alkanolamides - 104	Polyalkoxylated Alcohols - 128
Quaternary Ammonium Salts - 89	Polyalkoxylated Phenols - 85
Miscellaneous Compounds Containing Nitrogen - 12	Other Polyalkoxylated Ethers - 24
Substituted Cyclic Nitrogen Compounds - 45	Polyalkoxylated Thioethers - 1
Carboxylic Acid Salts - 6	Polyalkoxylated Amines - 49
Betaines - 39	Polyalkoxylated Amino Condensates - 8
Lecithins - 18	Phosphates - 119
Alkyl Sulfates - 45	Polyelectrolytes - 4
Alkyl Sulfonates - 10	Silicones, Siloxanes, & Silicates - 62
Sulfated & Sulfonated Esters - 44	NTA, EDTA, DTPA Acids and Salts - 11
Alkyl Aromatic Sulfonates - 75	Compounds Containing Halogen - 13
Sulfated & Sulfonated Amines - 16	Corrosion Inhibitors - 38
Sulfated & Sulfonated Amides - 7	Miscellaneous Materials - 10
Sulfated & Sulfonated Carboxylic Acids - 1	

*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.*