Description

This database offers the world's largest commercially available collection of infrared spectra of detergents, emulsifiers, defoamers, softeners, sequestering agents, soaps, builders, and formulating products. It can be used as a reference in the identification, verification, and classification of spectra.

Additional Information

Each compound is identified by its commercial or trade name and includes the following (when available): chemical composition, chemical and physical properties, source of sample, and technique.

Classifications

The spectra in this collection include simple compounds such as alcohols, compounds containing nitrogen, esters of long chain carboxylic acids, hydrocarbons, miscellaneous esters and salts of long chain carboxylic acids (soaps); sulfated and sulfonated compounds including alkylaryl sulfonates, isothionates, lignosulfonates, sulfated and sulfonated alcohols, amines, amides, carboxylic acids, carboxylic acid esters; and sulfated and sulfonated polyalkoxylated materials such as esters, ethers, nitrogen compounds, and others. Other materials included are EDTA, DTPA, NTA acids and salts, phosphates, silicates and silicones, and optical bleaches.

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.