

## IR - Sadtler Dyes, Pigments & Stains - Wiley

Spectra - 2,550

### Description

Wiley has compiled a reference database of infrared spectra of dyes, pigments, and stains in order to facilitate the determination and identification of these substances.

The IR database provides a convenient and practical reference source of information for chemists and technologists in the dye industry. It contains 2,550 infrared spectra of commercial dyes grouped into classes based on usage as established by the Colour Index and by chemical description.

### Additional Information

Each dye is listed by its commercial name as given by the manufacturer together with the C. I. Name, C. I. Number or its chemical name, when available. Chemical constitution as defined by the Colour Index also appears with most spectra. The chemical name and synonyms, the CAS Registry number, the RTECS Number, physical and chemical properties, and other pertinent information are listed when available. The Colour Index and manufacturers' product bulletins and data sheets have been used as sources for the composition and properties of the each dye. The manufacturer and technique of sample preparation are also indicated.

### Classifications

Acid Dyes - 260	Carotenoid - 3	Thiazine - 18
Basic Dyes - 191	Cyanine - 9	Thiazole - 8
Direct Dyes - 144	Diphenylmethane - 8	Triarylmethane - 158
Disperse Dyes - 120	Disazo - 239	Trisazo - 26
Fluorescent Brighteners - 46	Indigoid - 17	Umbelliferone- 2
Food Dyes - 43	Lactone - 1	Xanthene- 63
Ingrain Dyes - 2	Methine - 23	Pigments - 990
Mordant Dyes - 54	Monoazo - 440	Stains -163
Reactive Dyes - 33	Natural Dyes - 18	Developers - 4
Solvent Dyes - 240	Nitro and Nitroso - 42	Indicators - 29
Vat Dyes - 46	Oxazine - 25	Inks - 33
Dyes - 142	Phthalocyanine - 82	Liquid Dyes - 12
Acridine - 24	Polyazo - 6	Optical Brighteners - 17
Anthraquinone - 145	Quinoline - 19	Resins - 35
Azine - 27	Stilbene - 11	Stains - 59
Azoic - 48	Sulfur - 16	Toners - 69

*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.*