IR - Sadtler Pesticides & Agricultural Chemicals - Wiley

Spectra - 1,025

Description

This database contains a comprehensive selection of 1,025 infrared spectra of chemical materials used in all phases of agriculture. Materials in this database may also be considered industrial wastes. These compounds, most of which are pesticides, come from a variety of sources. All of the chemicals are commercially available, but this database also contains high-purity pesticide reference standards supplied to Bio-Rad by the US Environmental Protection Agency.* In most cases, the compounds represent the active ingredient of commercial formulations, although some complete formulations have also been included.

Additional Information

Each compound is identified by its commercial or trade name. The following additional information will also be supplied when available: chemical composition, synonyms, CAS Registry number, source of sample, technique, chemical and physical properties, molecular formula, molecular weight, melting point, boiling point, and specific gravity.

Classifications

Acaricides - 57
Activators - 1
Additives - 40
Adjuvants - 3
Anthelmintics - 3
Antibacterials - 8
Antibiotics - 2
Antifoulants - 1
Antifungals - 1
Antimicrobials - 2
Antioxidants - 2
Attractants - 17
Bactericides - 31
Biocides - 6
Control Agents - 2
Defoliants - 8
Desssicants - 4
Diluents - 1
Dispersing Agents - 1
Emulsifiers - 9
Fumigants - 28
Fungicides - 193
Germicides - 14
Growth Regulators - 26
Herbicides - 276
Hormones - 9
Inhibitors - 2
Insecticides - 255
Metabolites - 15
Miticides - 13
Molluscicides - 5
Nematicides - 22
Nutrients - 6
Pesticides - 26
Preservatives - 28
Repellents - 22
Ripeners - 2
Rodenticides - 17
Solvents - 55
Spreaders - 2
Synergists - 11
Weed Killers - 11

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

* EPA, Health Effects Research Laboratory, Environmental Toxicology Division, Research Triangle Park, N.C. 27711 (www.epa.gov)