Industrene® 106

CAS Registry Number: 112-80-1

Description

Industrene® 106 fatty acid is a single-distilled liquid fatty acid based on oleic acid. This unsaturated product was designed for applications in which stringent purity, color, and heat stability requirements are not essential.

Applications

Industrene® 106 fatty acid is suggested for use as a chemical intermediate, emulsifier, gelling agent, release agent and pigment dispersant. It can also be used in abrasives, lubricants, cutting oils, buffing compounds, corrosion inhibitors, plastics, waxes rubber compounding, textile finishes.

Product Specifications

Properties	Specifications
Acid Number	198.00 – 205.00
Titer °C	0.0 – 5.0
Unsaponifiables	0.00 – 1.00
Sap Value	198.0 – 205.0
C18:1%	67.0 – 77.0
Gardner Color (1963)	0.0 – 3.0
Lovibond Color (5.25) Red	0.00 – 0.90
Lovibond Color (5.25) Yellow	0.00 – 9.00
Iodine Value	85.0 – 95.0

PMC Biogenix, Inc.
1231 Pope Street
Memphis, TN 38108

Customer Service
800.641.2152 or 901.325.4930
Fax 800.641.2153

www.pmc-group.com

Safety and Handling

Most Industrene® fatty acids are not primary skin irritants by the Draize Test (Federal Hazardous Substances Act). Wear chemical safety goggles, rubber gloves and apron while handling this product. Avoid contact with skin and eyes.

Avoid direct contact with skin and eyes. In case of accidental eye contact, flush with large amounts of water and call a physician. If swallowed, call a physician.

Industrene® fatty acids are not regulated by the Department of Transportation (DOT). They are not corrosive and not flammable by DOT definitions. However, if these products are supplied in powder form, in-process dusting should be minimized, otherwise an explosive hazard could develop. Avoid all sources of ignition when handling this product.

The Industrene® fatty acids, though chemically stable, should be kept away from strong oxidizing agents. Contact with metals such as iron, copper, or copper alloys may cause or increase discoloration of fatty acids.

Please consult the Safety Data Sheet for additional information on safety, handling and storage before using this product.

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