

MATERIAL SAFETY DATA SHEET

Conforms to ANSI Z400.1-1993 and ISO 111014-1

SECTION I: PRODUCT INFORMATION

Product Name: Lotioncrafter IPM **INCI:** Isopropyl Myristate

Chemical Name: Isopropyl Myristate

Hazard Rating:

Health	1	0- Least
Fire:	1	1-Slight
Reactivity:	0	2-Moderate
Special Hazards:	None	3-High
		4-Extreme

SECTION II: COMPOSITION / INGREDIENTS

Substance/Preparation	: Substance
Chemical Description	: Isopropyl Myristate (>90%)
CAS Number	: 110-27-0
EC Number	: 2035715
Hazard Rating	: Not considered as hazardous

SECTION III: HAZARDS IDENTIFICATION

Human Health Hazards

Inhalation	: Not applicable at ambient temperature. Vapor can cause irritation.
Skin Contact	: Unlikely to be irritant
Eye Contact	: Can cause irritation.
Ingestion	: Unlikely to be harmful unless excessive amount swallowed.

Physical/Chemical Hazards	: None identified
Environmental Hazards	: None identified

SECTION IV: FIRST AID MEASURES

EYE CONTACT: Wash out with water. Get medical attention if any sensations persist.

SKIN CONTACT: Wash off with plenty of water and soap.

INHALATION: Remove to fresh air

INGESTION: Remove material from mouth. Drink plenty of water. If large amount swallowed or symptoms develop get medical attention.

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Extinguishing Media	: Dry chemical, water spray, foam, carbon dioxide.
Unsuitable Extinguishing Media	: None
Specific Hazards	: None
Protection of Fire Fighters	: Self-contained breathing apparatus, full protective clothing.

SECTION VI: ACCIDENTAL RELEASE MEASURES

Personal Precautions	: Avoid contact with eyes. Do not breathe vapor.
Environmental Precautions	: Minimize contamination of drains, surface and ground waters.
Methods for Cleaning Up	: Transfer product to suitably labeled containers for disposal at an approved site. Absorb liquid spillage onto inert material (e.g. sand). Residues and small spillages may be washed away with water and detergent.

SECTION VII HANDLING AND STORAGE

Handling	: No specific protective measures are required.
Storage	: Store in the original closed containers.
Other information	: For quality reasons: Avoid elevated temperatures.

SECTION VIII: EXPOSURE CONTROLS/ PERSONAL PROTECTION

Engineering Measures	: Ensure ventilation or local exhaust if formation of vapor occurs.
Hygiene Measures	: Good industrial hygiene should be followed.
Occupational Exposure Limits	: No occupational exposure limits have been established.
Personal Protective Equipment	: Normal precautions should be observed as for handling all chemicals.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid (20 °C)
Color	: Colorless
Odor	: Faint
PH	: Not applicable
Boiling Point	: 170 °C (10 hPa)
Cloud Point	: <0 °C
Flash Point	: 150 °C (COC)
Autoignition Temperature	: Not available
Explosion Properties	: Not to be expected
Oxidation Properties	: Not to be expected
Vapor Pressure	: <1 hPa (20 °C)
Specific Gravity	: .850 (20°C)

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SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES Continued

Density	: 850 kg/m ³ (20 °C)
Solubility in Water	: Insoluble
Solubility in Other Ingredients	: Soluble in many organic solvents
Ingredients Partition Coefficient	: >3 (estimated)
Viscosity	: 6.5 mPa.s (20 °C)
Volatile Organic Compound (VOC) Content	: Not volatile ambient

Stability	: Stable under normal conditions.
Conditions to Avoid	: --
Materials to Avoid	: Oxidizing agents
Hazardous Reactions	: None
Hazardous Decomposition Products	: None
Hazardous Polymerization	: Will not occur.

SECTION XI TOXICOLOGICAL INFORMATION

Acute Toxicity - Oral – LD₅₀	: >2g/kg (rat)
Skin Irritation	: Not irritating (rabbit)
Eye Irritation	: Not irritating (rabbit)
Sensitization	: No sensitization reactions (guinea-pig)

SECTION XII: ECOLOGICAL INFORMATION

Degradability Test")	: Readily biodegradable (according to the "Sealed Vessel
Ecotoxicity	
LC₅₀	: >100mg/l (fish – 48 hours)
EC₅₀	: >100 mg/l (Pseudomonas putida – 16 hours)

SECTION XIII: DISPOSAL CONSIDERATIONS

Methods of Disposal	: Re-use/recycling of waste highly recommended. Disposal according to the local legislation.
Contaminated Packaging	: Observe local regulations.

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SECTION XIV: TRANSPORTATION INFORMATION

D. O. T. Classification : Not restricted

SECTION XV: REGULATORY INFORMATION

OSHA HCS (29 CFR 1910.1200) : Not hazardous
SARA Title III section 313 : Not listed

Inventory Status

US : TSCA-CSI
EU : EINECS
Canada : DSL
Japan : ENCS (2-798)
Australia : AICS
Korea : ECL (33355)
Philippines : PICCS
China : NEPA (reported)
Switzerland : "BAG T" No., "/Giftklasse" : 611500/"frei"

SECTION XVI: OTHER INFORMATION

Literature References : Isopropyl myristate: Safety evaluation.
Uniquema, D96/038 (1996)

Final report on the safety assessment of Isopropyl Myristate.
J. of the Am. Coll. Of Toxicol., 1(1982), no. 4.

Pharmacopoeias : The product meets the requirements of EP and USP/NF

INCI designation : Isopropyl Myristate

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