



Material Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Isopropyl Myristate
CAS #: 110-27-0
Distributor: MCKINLEY RESOURCES
Address: PO Box 810472, Dallas, TX 75381
Phone Number: 972-620-9730
EMERGENCY PHONE: CHEMTREC 800-424-9300

SECTION 2: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	EINECS	% Wt.	OSHA/PEL
Isopropyl Myristate	110-27-0	203-751-4	98% MIN	Not Listed

Hazardous Ingredients: Not considered as hazardous.

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview:

Appearance: Colorless liquid, faint odor
Routes of Exposure: Eye Contact, Skin Contact, Inhalation, Ingestion

Symptoms of Overexposure:

Eye Contact: No irritation is likely to develop following contact with human eyes at ambient temperature. Vapors can cause irritation.
Skin Contact: No irritation is likely to develop following contact with human skin.
Inhalation: No irritation is expected to be associated with inhalation of this material.
Ingestion: This material is not likely to be harmful unless excessive amount is swallowed.

SECTION 4: FIRST AID MEASURES

Eyes: Immediately flush with plenty of water for at least 15 minutes. If redness, itching or burning sensation develops, have eyes examined and treated by medical personnel.
Skin: Wash material off of the skin with soap and water. If redness, itching or a burning sensation develops, get medical attention.
Ingestion: DO NOT INDUCE VOMITING. Drink plenty of water. If large amount swallowed or symptoms develop, get medical attention.
Inhalation: Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

SECTION 5: FIRE FIGHTING MEASURES

Flash Point and Method: 302°F, 150°C (COC)
Autoignition Temperature: Not determined
Flammable Limits (LEL / UEL): Not determined



Extinguishing Media: Dry chemical, water spray, foam, carbon dioxide.
Special Firefighting Instructions: Wear a self-contained breathing apparatus and full protective clothing.
Unusual Fire or Explosion Hazards: None known.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Refer to Section 8 for proper personal protection equipment.

Steps to be taken in case material is released or spilled:

- Contain material by diking the area around the spill. Soak up using a suitable absorbent material, then shovel to recovery drums.
- Wash residue from spill area with detergent and water and flush to a sewer serviced by a permitted wastewater treatment facility

Waste disposal:

Consult local, state, and federal regulations before disposing of this material.



SECTION 7: HANDLING AND STORAGE

Handling: No specific protective measures are required.
Storage: Store in the original, closed container.
Other Information: For quality reasons, avoid elevated temperatures.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: No ACGIH, TLV or OSHA PEL assigned.
Engineering Controls: Ensure ventilation or local exhaust if formation of vapor occurs.
Respiratory Protection: Not required under normal conditions of use.
Protective Gloves: Chemical resistant rubber gloves.
Eye Protection: Safety glasses or goggles.
Other Equipment: Eye wash and safety shower in the work area.
Work/Hygienic Practices: Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling.



SECTION 9: PHYSICAL / CHEMICAL PROPERTIES

Appearance: Colorless liquid
Odor: Faint, typical
Solubility in water: Insoluble
pH Value: Not applicable
Boiling Point: 338°F, 170°C
Vapor pressure: < 1 mm Hg at 20°C
Vapor Density (air=1): No data
Melting Point: No data
Specific Gravity at 20°C: 0.846 – 0.854
% Volatile (by volume): No data
Partition Coefficient: > 3 (estimated)
Viscosity: 5.5 mPa.s at 20°C
Freezing point: No data

SECTION 10: STABILITY AND REACTIVITY



Stability:	Stable under normal conditions
Incompatibility with other materials:	Oxidizing agents
Hazardous decomposition products:	None known
Conditions to avoid:	None known
Combustion products:	Carbon dioxide, Carbon monoxide
Hazardous Polymerization:	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Acute Oral Toxicity:	LD50 > 2g/kg (Rat)
Skin Irritation:	Not irritating (Rabbit)
Eye Irritation:	Not irritating (Rabbit)
Sensitization:	No sensitization reactions (Guinea -Pig)
Carcinogenicity:	This material is not listed as a carcinogen by OSHA, IARC and NTP.

SECTION 12: ECOLOGICAL INFORMATION

Biodegradation:	Readily biodegradable (according to the 'Sealed Vessel test').
Ecotoxicity:	
LC50:	> 100 ml/l (Fish 48 hours)
EC50:	> 100 mg/l (Pseudomonas putida 16 hours)

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Method:	Discarded product is not a hazardous waste under RCRA, 40 CFR 261. Dispose of product in accordance with applicable local, state and federal regulations.
Container Disposal:	Empty containers retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or re-use empty containers except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty containers before disposal.

SECTION 14: TRANSPORTATION INFORMATION

Department of Transportation (DOT):	Not regulated
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Not classified in RID/ADR- ADNR - IMDG - ICAO/IATA - DGR

SECTION 15: REGULATORY INFORMATION

EU (EINECS):	Compliant
USA (TSCA-C SI):	Compliant
Canada (DSL):	Compliant
Japan (ENCS 2-798):	Compliant
Australia (AICS):	Compliant
Korea (ECL 33355):	Compliant
Philippines (PICCS):	Compliant
China (SEPA/First Import):	Compliant



SECTION 16: OTHER INFORMATION

HMIS Rating:

Health - 1
Flammability - 1
Reactivity - 0

NFPA Rating:

Health - 1
Flammability - 1
Reactivity - 0

Revisions:

August 26, 2008 – 16 point format
October 26, 2010 - Update

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