



Section 1. Product and Company Identification

Product Name Isopropyl Myristate
CAS Number 110-27-0

Parchem - fine & specialty chemicals
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EMERGENCY RESPONSE NUMBER
CHEMTEL
Toll Free US & Canada: 1 (800) 255-3924
All other Origins: 1 (813) 248-0585
Collect Calls Accepted

Section 2. Hazards Identification

Hazardous Ingredients: Not considered as hazardous.

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 3. Composition / Information on Ingredients

Common Name Isopropyl Myristate
CAS Number 110-27-0

COMPONENT	CAS NUMBER	CONCENTRATION
Isopropyl Myristate	110-27-0	≥ 98%

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. Firefighting 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.

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 and 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: 0.846 - 0.854 at 20°C
% 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 mill (Fish 48 hours)
EC50: > 100 mg/1 (Pseudomonas putida 16 hours)

Section 13. Disposal Considerations

Waste Treatment Methods: Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

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

Section 15. Regulatory Information

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

HMIS Rating

Health: 1
Flammability: 1
Reactivity: 0

NFPA Rating

Health: 1
Flammability: 1
Reactivity: 0

Section 16. Other Information

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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