



# Isopropyl Myristate

Safety Data Sheet

## SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Name:** Isopropyl Myristate  
**Product Code:** 515-674X
- 1.2 Recommended Use:** Compound used in customer substance/mixture/product
- 1.3 Supplier:**  
Majestic Mountain Sage Inc  
2490 S 1350 W  
Nibley, 84321 - United States of America  
T 435.755.0863 - F 435.755.2108  
[www.TheSage.com](http://www.TheSage.com)
- 1.4 Emergency Telephone Number**  
No additional information available

## SECTION 2: Hazards Identification

- 2.1 GHS Classification of the Substance or Mixture**  
Not a Hazardous Substance or Mixture
- 2.2 Hazard Statements**  
Not a Hazardous Substance or Mixture
- 2.3 Precautionary Statements**  
Not a Hazardous Substance or Mixture

## SECTION 3: Composition/Information on Ingredients

### 3.1 Substances

Component Name	CAS #	Component %	OSHA PEL	ACGIH TLV
Isopropyl Myristate	110-27-0	100	Not established	Not established

## SECTION 4: First Aid Measures

### 4.1 Description of First Aid Measures

#### **Eye Contact**

Check for and remove any contact lenses. Immediately flush eyes with running water for at least 10 minutes, keeping eye lids open. Do not neutralize with chemical agents. Get medical attention if irritation occurs.

#### **Skin Contact**

When in contact with skin, remove contaminated clothing. Wipe away excess material with dry towel. Then wash affected areas with plenty of water, and mild soap if available, for several minutes. Do not attempt to neutralize with chemical agents. Get medical attention if irritation occurs.

#### **Inhalation**

Immediately leave the contaminated area, take deep breaths of fresh air.

#### **Ingestion**

Wash out mouth thoroughly with water. Drink plenty of water. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. In severe cases obtain medical attention.

## SECTION 5: Firefighting Measures

### 5.1 Extinguishing Media

#### **Suitable**

Water fog, dry chemical powder and carbon dioxide foam

#### **Unsuitable**

No information available

### 5.2 Special Fire Fighting Procedures

Use water spray to cool nearby containers and structures exposed to fire. Containers can build up pressure if exposed to heat (fire). Fire involving large amounts of material should not be approached because individual containers may rupture abruptly causing "fireball" effect.

### 5.3 Unusual Fire Fighting Hazards

No unusual fire hazards are known.

## SECTION 6: Accidental Release Measures

### 6.1 Personal Precautions

Avoid breathing vapors, mist or gas. Ensure adequate ventilation.

### 6.2 Environmental Precautions

#### Water Spill

Avoid runoff into sewers and ditches which lead to waterways.

#### Land Spill

Soak up with absorbent. Shovel up and place in a waste container.

### 6.3 Methods for Cleaning Up

Stop spill at source. Dike area of spill to prevent spreading. Pump liquid to salvage tank. Absorb liquid on solid absorbent material and shovel into containers. Prevent run-off to sewers, streams or other bodies of water. Wash floor with hot soapy water and rinse with hot water to prevent slipping.

## SECTION 7: Handling and Storage

### 7.1 Precautions for Safe Handling

Use gloves and wear goggles when handling. Keep away from heat, sparks and flame. Never use pressure to empty drums. Handle in accordance with good industrial hygiene and safety.

### 7.2 Conditions for Safe Storage

This product must be stored in the manufacturer's original sealed container. The product must be stored under sheltered and well-ventilated warehouse; not exposed to moisture, or direct sunlight. The product must be stored in a place where temperature does not exceed 30 degrees centigrade. Deviation from the above condition may affect the stability of the product.

## SECTION 8: Exposure Controls/Personal Protection

### 8.1 Control Parameters

#### Exposure Limits

Component Name	CAS #	OSHA PEL	ACGIH TLV
Isopropyl Myristate	110-27-0	Not Established	Not Established

### **Engineering Controls**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the workday.

### **Monitoring**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

## **8.2 Personal Protective Equipment**

### **Eye Protection**

Safety glasses with side-shields conforming to EN166 use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) and to EN1666 (EU).

### **Skin Protection**

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable guidelines and good laboratory practices. Wash and dry hands.

### **Respiratory Protection**

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14397) respiratory cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirator and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## **SECTION 9: Physical and Chemical Properties**

### **9.1 Information on Basic Physical and Chemical Properties**

Appearance	Colorless to pale yellow liquid
Odor	odorless
pH @ 25°C	No data available
Flashpoint	>160°C/>320°F
Melting/Freezing Point	2°C/35.6°F
Specific Gravity	No data available

Solubility	Insoluble in water, soluble in most organic solvent
Auto-Ignition Temperature	No data available
Decomposition Temperature	No data available
VOC Content	No data available
Odor Threshold	No data available
Boiling Range	>193°C/>379.4°F
Evaporation Rate	No data available
Flammable Limits - Upper	No data available
Flammable Limits - Lower	No data available
Vapor Pressure	No data available
Vapor Density (Air=1)	No data available
Viscosity	5-6 mPas (at 20°C)

## SECTION 10: Stability and Reactivity

<b>10.1 Reactivity</b>	No information available
<b>10.2 Chemical Stability</b>	Stable under normal conditions
<b>10.3 Possibility of Hazardous Reactions</b>	No additional information available
<b>10.4 Conditions to Avoid</b>	Avoid direct fire, direct sunlight, heat sources, flames and sparks
<b>10.5 Incompatible Materials</b>	Strong alkalies and strong oxidizers
<b>10.6 Hazardous Decomposition Products</b>	Carbon Dioxide and Carbon Monoxide
<b>10.7 Hazardous Polymerization</b>	Will not occur

## SECTION 11: Toxicological Information

### 11.1 Information on Toxicological Effects

#### Likely Route of Exposure

Skin and eye contact

#### Inhalation

No data available

**Eye Contact**

Slight irritation

**Skin Contact**

Mild skin irritation

**Ingestion**

No data available

**Acute Toxicity Value**

See Health Hazards below.

**Chronic (Long Term) Effect**

No data available

**Toxicity**

Component Name	LD50	LC50
Isopropyl Myristate	Oral LD50 > 49700 mg/kg (mouse); Oral LD50 > 79500	No data available

**Reproductive Effects**

N/A

**Teratogenicity**

N/A

**Mutagenicity**

N/A

**Embryotoxicity**

N/A

**Sensitization to Product**

N/A

**Synergistic Products**

N/A

**Carcinogenicity**

N/A

**SECTION 12: Ecological Information****12.1 Ecotoxicity**

Acute LC50 8400 mg/L (fish) - ISO 7346/2 (semistatic) Acute EC50 > 100 mg/L (Daphnia magna/Crustacea) - DIN 38412, Teil 11 (Daphnia, acute toxicity test)

**12.2 Mobility**

No data available

### 12.3 Degradability

91% after 30 days (readily biodegradable) Directive 84/449/EEC, C6  
"Biodegradation - closed bottle test"

### 12.4 BioAccumulation

Information not available

## SECTION 13: Disposal Considerations

### 13.1 Waste Treatment Methods

Dispose in accordance with all applicable nation environmental laws and regulations.

## SECTION 14: Transport Information

### 14.1 DOT Shipping Information

Proper shipping Name: Not regulated  
Contains: Isopropyl Myristate  
Hazard Class and Label:  
Identification Number:  
Packaging Group:  
Other Shipping Info:

## SECTION 15: Regulatory Information

### 15.1. Federal Regulations

#### TSCA Status

The components of this product are listed on the TSCA Inventory.

#### SARA Title III Section 3002/304 Extremely Hazardous Substance

No chemicals in this material are subject to the reporting requirements.

#### SARA Title III Section 311/312 Hazard Categorization:

Acute	Chronic	Fire	Pressure	Reactive
N/A	N/A	N/A	N/A	N/A

#### SARA Title III Section 313 Supplier Information

No chemicals in this material are subject to the reporting requirements.

## **CERCLA Section 102(a) Hazardous Substance**

No chemicals in this material are subject to the reporting requirements.

### **15.2 State Regulations**

#### **California Proposition 65:**

This product contains chemical known to the State of California to cause cancer and birth defects or other reproductive harm:

Lead (as Pb): <0.1 ppm

Arsenic (as As): <0.1 ppm

Mercury (as Hg): <0.1 ppm

Chromium (as Cr): <0.05 ppm

Nickel (as Ni): <0.2 ppm

Cadmium (as Cd): <0.1 ppm

<b>SECTION 16: Other information</b>
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### **16.1 HMIS Rating**

HMIS Health: N/A

HMIS Flammability: N/A

HMIS Reactivity: N/A

### **16.2 Additional Information**

Safety, health and environmental regulations/legislation specific for the substance or mixture: ENCS (Japan): 2-798 TSCA (USA): Listed EINECS (EU): 203-751-4 AICS (australia): Listed DSL (Canada): Listed KECL (Korea): KE-33355 PICCS (Phillippines): Listed IESCS (china): Listed

#### **Notes:**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.