



Safety Data Sheet

GHS Compliant

SDS No. IMMR

Section 1 - Identification

- 1.1 Product Identifier:** Isopropyl Myristate
- 1.2 General Use:** Skin cosmetics, pharma excipient, smoothing solution
- 1.3 Manufacturer:** The Monster Makers, Inc.,
13597 West Parkway Rd., Cleveland, OH 44135
Phone: (216) 671-8700
sales@monstermakers.com
- 1.4 Emergency Contact:** Chem-Tel
Domestic: 800-255-3924 International 813-248-0585

Section 2 - Hazards

- 2.1 Classification of the substance or mixture**
Not a hazardous substance or mixture according to United States Occupational Safety and Health Administration (OSHA) 2012 Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) and Regulation (EC) No 1272/2008 and subsequent amendments.
- 2.2 GHS Label elements, including precautionary statements**
Pictograms: none
Signal Word: none
General
Precautions: P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P103 Read label before use.

Hazards not otherwise classified (HNOC) or not covered by GHS

Section 3 - Composition / Information on Ingredients

3.1 Substances

Name	CAS#	% by Weight
Isopropyl Myristate	(CAS No) 110-27-0	100

Section 4 - First Aid Measures

- 4.1 Description of first aid measures**
Inhalation: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER/doctor/physician if you feel unwell.
Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention



Ingestion: Rinse mouth. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed: May cause gastrointestinal irritation, nausea, vomiting and diarrhea if ingested.

4.3 After first aid, get appropriate in-plant, paramedic, or community medical support.

Section 5 - Fire-Fighting Measures

- 5.1 Extinguishing Media:** Use extinguishing media appropriate for surrounding fire. Alcohol foam, carbon dioxide, dry chemical. Sand. Do not use water jet.
- 5.2 Special hazards arising from the substance or mixture:** Not considered flammable but will burn at high temperatures. Product is not explosive. No reactivity hazards.
- 5.3 Advice for firefighters:** Exercise caution when fighting any chemical fire. Do not enter area without proper protective equipment, including respiratory protection.

Section 6 - Accidental Release Measures

- 6.1 Personal Precautions, protective equipment and emergency procedures:**
Make sure to wear appropriate protections such as gloves, goggles, and masks.
- 6.2 Environmental precautions:** Do not directly discharge the material into a river and sewers without wastewater treatment.
- 6.3 Methods and materials for containment and cleaning up:** Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Section 7 - Handling and Storage

- 7.1 Precautions for safe handling:** Handle in accordance with good industrial hygiene and safety procedures. Wear recommended personal protective equipment./
- 7.2 Conditions for safe storage, including any incompatibilities:**
Keep tightly sealed in containers and store in a dry, cool and well-ventilated place. Avoid direct sunlight. Use original container.

Section 8 – Exposure Controls / Personal Protection

- 8.1 Control Parameters:**
Exposure controls: Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.
Respiratory Protections: Wear approved mask.
Hand Protection: Impervious (chemical-/oil-proof) protective gloves
Eye Protection: Safety glasses with side shield. (Goggle type if necessary)
Other Protective Clothing/Equipment: Wear suitable protective clothing.
Comments: When using, do not eat, drink or smoke.

Section 9 - Physical and Chemical Properties

9.1 Information on basic physical and chemical properties:

Appearance: Liquid, clear	Vapor Pressure: N/A
Odor/Threshold: Characteristic	Vapor Density (Air=1): N/A
pH: N/A	Specific Gravity (H2O=1, at 4C): 0.85 g/cm3



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Melting Point/Freezing Point: 3C (37.4F) Low/High Boiling Point: 193C (379.4F) @20mmHg Flash point: >150C (302F) Cleveland Open Cup Evaporation Rate : N/A Flammability: N/A UEL/LEL: N/A	Water Solubility: Soluble .00005 g/l Partition Coefficient: N/A Auto-Ignition Temperature: N/A Decomposition Temperature: N/A Viscosity: N/A % Volatile: N/A
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Section 10 - Stability and Reactivity

- 10.1 **Reactivity:** Stable under normal temperature and pressure
- 10.2 **Chemical Stability:** No self-reactivity
- 10.3 **Possibility of hazardous reactions:** Hazardous polymerization will not occur
- 10.4 **Conditions to avoid:** Direct sunlight. Avoid high temperatures
- 10.5. **Incompatible Materials:** None known.
- 10.6 **Hazardous Decomposition Products:** Carbon oxides (CO, CO₂)

Section 11 - Toxicological Information

11.1 Information on Toxicological Effects:

Isopropyl Myristate (110-27-0)	
LD50 Oral Rat	>10000 mg/kg
LD50 Dermal Rabbit	5 g/kg
LC50 Inhalation Rat (mg/l)	>41 mg/l (Exposure time: 1h)

Skin Corrosion/Irritation: N/A

Serious Eye Damage/Irritation: N/A

Respiratory/Skin Sensitization: N/A

Germ Cell Mutagenicity: N/A

Carcinogenicity: N/A

Reproductive Toxicity: N/A

Specific Target Organ Toxicity - Single Exposure: N/A

Specific Target Organ Toxicity - Repeated Exposure: N/A

Potential Health Effects - Miscellaneous: None known

Section 12 - Ecological Information

12.1 Ecotoxicity:

Isopropyl myristate (110-27-0)	
LC50 Fish 1	8400 mg/l (Exposure time: 96 h – Species: Brachydanio rerio [semi-static])
EC50 Daphnia 1	100 mg/l (Exposure time: 48 h – Species: Daphnia Magna)
LC50 Fish2	8400 mg/l (Exposure time: 96 h – Species: Brachydanio rerio)

12.2 Persistence and Degradability:

Isopropyl myristate (110-27-0)	
Persistence and Degradability	Easily biodegradable.



12.3 Bioaccumulative Potential:

Isopropyl myristate (110-27-0)	
Bioconcentration factor (BFC REACH)	225 L/kg
Bioaccumulative Potential	Based on the n-octanol/water partition coefficient accumulation in organism is not expected.

Isopropyl myristate (110-27-0)	
Log Pow	>6

12.4 Mobility in Soil: N/A

13 - Disposal Considerations

13.1 Waste Treatment Methods:

Dispose of container in accordance with local/regional/national/international regulations.

Section 14 - Transport Information

14.1 UN Number: N/A

14.2 UN Proper Shipping Name: N/A

14.3 Transport Hazard Class(es): N/A

14.4 Packing Group: N/A

14.5 Environmental Hazards: N/A

Section 15 - Regulatory Information

**15.1 Safety Health and environmental regulation/legislation specific for the substance or mixture:
In the United States (EPA Regulations):**

Isopropyl myristate (110-27-0)
Listed on the United States TSCA (Toxic Substances Control Act) Inventory

TSCA Inventory Status (40 CFR710): N/A

SARA 302 Components: N/A

SARA 311/312 Hazard(s): N/A

SARA 313 Components: N/A

15.2 US State Regulations

Isopropyl myristate (110-27-0)
U.S. – Texas – Effects Screening Levels – Long Term
U.S. – Texas – Effects Screening Levels – Short Term

Section 16 - Other Information



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HMIS	
H	0
F	0
R	0

SDS No. IMMR



SDS Version: 2

Date Prepared: 7/16/18

Glossary: ACGIH-American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS-Chemical Abstract Service; Chemtrec-Chemical Transportation Emergency Center (US); CHIP-Chemical Hazard Information and Packaging; DSL-Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)-HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA-Emergency Planning and Community Right-To-Know Act; ESL-Effects screening levels; GHS-Globally Harmonized System of Classification and Labelling of Chemicals; HMIS-Hazardous Material Information Service; IATA-International Air Transport Association; IMDG-International Maritime Dangerous Goods Code; LC-Lethal Concentration; LD-Lethal Dose; LEL-Lower Explosion Level; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limit; OSHA-Occupational Safety and Health Administration, US Dept. of Labor; PEL-Permissible Exposure Limit; SARA (Title III)-Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA-Time Weighted Value; UEL-Upper Explosion Level; US DOT-US Department of Transportation; WHMIS-Workplace Hazardous Materials Information System.

Disclaimer: The information contained in this Safety Data Sheet (SDS) is considered accurate as of the version date. However, no warranty is expressed or implied regarding the accuracy of the data. Since the use of this product is not within the control of The Monster Makers, Inc. regardless of the legal theory advanced, it is the user's obligation to determine the suitability of the product for its intended application and assumes all risk and liability for its safe use. This SDS is prepared to comply with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) as prescribed by the United States (US) Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH). Classifications of the chemical in accordance with 29 CFR 1910.1200, signal word, hazard and precautionary statement(s), symbol(s) and other information are based on listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS and EC No 1907/2006 and are considered trade secrets under US Federal Law (29 CFR and 40 CFR), Canadian Law (Health Canada Legislation), and European Union Directives.