



SILVER FERN
CHEMICAL INC

SILVER FERN CHEMICAL, INC.

SAFETY DATA SHEET

Isopropyl Myristate

(Version-1.00, Date of Issue – 30 Oct 2020)

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifier

Product Name : Isopropyl Myristate
Product Description :
CAS Number : 110-27-0

1.2. Intended Use of Product

: Skin cosmetics, Cleaning agent/cleaner, Maintenance product, Impregnation and treatment spray for leather

1.3. Supplier Details

: Silver Fern Chemical, Inc.
2226 Queen Anne Ave N Seattle, WA 98109
+1-866-282-3384
info@silverfernchemical.com

1.4. Emergency Contact

: **INFOTRAC: 1-800-535-5053 (USA & Canada)**
Outside USA & Canada 1-352-323-3500

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

Classification : This substance is not classified according to Globally Harmonised System (GHS)

2.2. Label Elements

Pictogram : Not Applicable
Signal Word : Not Applicable
Hazard Phrases : Not Applicable
Precaution Phrases : Not Applicable

2.3. Others Hazards

PBT : Not Applicable
vPvB : Not Applicable

SECTION 3: COMPOSITION / INFORMATION OF INGREDIENTS

3.1. Substances

Component	CAS Number
Isopropyl Myristate	110-27-0

3.2. Additional Information

: This product is not classified as hazardous to health or environment according to the CLP regulation.



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SECTION 4: FIRST AID MEASURES

4.1. Description of First Aid Measures

- Ingestion : Rinse mouth with water and drink plenty of water. Do not induce vomiting, call for medical help immediately
- Inhalation : Supply fresh air. In case of breathing difficulty, try artificial respiration. Get medical attention as soon as possible.
- Skin Contact : Immediately wash with water and soap and rinse thoroughly. If skin irritation continues, consult a doctor
- Eye Contact : Rinse cautiously with water for several minutes. If symptoms persist, immediately seek medical attention

4.2. Most Important Symptoms and Effects, both Acute and Delayed : No further relevant information available

4.3. Indication of any immediate medical attention and special treatment needed : No further relevant information available

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

- a) Suitable : Carbon dioxide, powder or water spray, foam, sand. Fight larger fires with water spray.
- b) Not Suitable : Water jet

5.2. Special hazards arising from the substance or mixture : Under certain fire conditions, traces of other toxic gases cannot be excluded

5.3. Hazardous Thermal Decomposition : Upon combustion CO and CO₂ are formed

5.4. Advice for Firefighters : Avoid breathing dust/fume/gas/mist/vapours/spray. Wear self-contained breathing apparatus and protective clothing.



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SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. Personal Precautions, Protective Equipment and Emergency Procedures** : Wear protective clothing and equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol
- 6.2. Environmental Precautions** : Do not allow product discharge to sewage system or any water course or onto the ground.
- 6.3. Methods and material for containment and Cleaning up** : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)
Dispose of the material collected according to regulations.

SECTION 7: HANDLING AND STORAGE

- 7.1. Precautions for Safe Handling** : Ensure good ventilation/exhaustion at the workplace.
Keep away from heat and direct sunlight.
Keep ignition sources away. Do not smoke.
- 7.2. Conditions for Safe Storage, including any incompatibilities** : Store in tightly sealed, cool, well-ventilated and dry place.
Store away from oxidising agents.
Protect from heat and direct sunlight.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1. Control Parameters**
- Occupational Exposure Limits : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace
- DNELs : Dermal: 33 mg/kg bw/d (workers)
Inhalative: 23.5 mg/m³ (workers)
- 8.2. Exposure Controls Appropriate Engineering Controls PPE** : No special measures required.
- Eye/Face protection : Use Safety glasses
- Skin Protection : Wear chemically resistant protective gloves

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Protective gloves

- Respiratory Protection : In case of brief exposure or low pollution use respiratory filter device. In case intensive or longer exposure use self-contained respiratory protective device.
- Other Information : Follow standard industrial practice for handling chemicals

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic

Physical and Chemical Properties

- Appearance Form : Liquid
- Colour : According to product specification
- Odour : Characteristic
- Odour Threshold : Not Determined
- pH Value : Not Applicable
- Initial Boiling point/boiling range : Ca. 193 °C at 20 mmHg
- Melting point/Freezing point : ca. >3°C
- Flash point : ca. 150 °C (Cleveland open cup)
- Flammability (solid, gas) : Not Applicable
- Ignition Temperature : ca. 225 °C
- Decomposition temperature : Not Determined
- Auto-ignition temperature : Not Determined
- Vapour pressure at 25 °C : 0. 01246 hPa
- Density at 20 °C : ca. 0.85 g/cm³
- Relative Density : Not Determined
- Vapour Density : Not Determined
- Evaporation rate : Not Determined
- Solubility in/Miscibility with water at 20 °C : < 0.00005 g/L
- Partition coefficient: n-octanol/water : ca. 7.71 log Kow (QSAR)



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Viscosity Dynamic at : ca. 5-6 mPas
20°C
Viscosity Kinematic at : ca. 3.9 mm²/s
20°C

SECTION 10: STABILITY AND REACTIVITY

- 10.1. Reactivity** : No data available
- 10.2. Chemical Stability** : Stable under normal operational condition
- 10.3. Possibility of Hazardous Reactions** : No dangerous reactions known
- 10.4. Conditions to Avoid** : Described in Section 7
- 10.5. Incompatible Materials** : Described in Section 7
- 10.6. Hazardous Decomposition Products** : Irritant gases/vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity
LD50 Oral-rat : >2000 mg/kg body weight (OECD 401)
LC50 Inhalative-rat : >5.3 mg/L (exposure time: 4 hours) (OECD 436)

Eye Irritation : Non irritation
Skin Irritation : Non irritation
Sensitization : No skin or respiratory sensitization

Repeated Dose Toxicity

NOAEL Oral-rat : 1000 mg/kg bw/day
Carcinogenicity : No data available
Mutagenicity : Negative
Toxicity for Reproduction : No data available



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SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Aquatic Toxicity
LC50 : >1000 mg/L (exposure time: 96 hours), fish
(EPA 660/3-75-009(1975))

12.2. Persistence and Degradability : Biodegradable

12.3. Bio accumulative Potential : Does not accumulate in organisms

12.4. Mobility in Soil : No data available

12.5. Other Adverse Effects : Not data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods : Disposal must be made accordingly to official regulations.
Do not dump into any sewers, on the ground, or into any body of water

13.2. Uncleaned Packaging : Disposal must be made accordingly to official regulations.

SECTION 14: TRANSPORTATION INFORMATION

14.1. UN Number : Not Regulated

14.2. UN Proper Shipping

Name

Land Transport : Not Regulated
(ADR/RID)

Maritime Transport : Not Regulated
(IMDG)

Air Transport (IATA) : Not Regulated

14.3. Transport Hazard class (es)

Land Transport : Not Regulated
(ADR/RID)

Maritime Transport : Not Regulated
(IMDG)

Air Transport (IATA) : Not Regulated



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14.4. Packing Group

Land Transport (ADR/RID) : Not Regulated
Maritime Transport (IMDG) : Not Regulated
Air Transport (IATA) : Not Regulated

14.5. Environmental Hazards

Marine Pollutant (Yes/No) : No

14.6. Special Precautions for Use : No data available

14.7. Transport in Bulk according to Annex II MARPOL 73/78 and the IBC Code : Not applicable

15. REGULATORY INFORMATION

Inventory Status : Listed in:

Country (s) or region	Inventory Name
Australia	Australian Inventory of Chemical Substance (AICS)
Canada	Domestic Substances List (DSL)
China	Inventory of Existing Chemical Substances in China (IECSC)
Europe	European Inventory of Existing Commercial Substances (EINECS)
Japan	Inventory of Existing and New Chemical Substances (ENCS)
South Korea	Existing Chemicals List (ECL)
New Zealand	New Zealand Inventory of Chemicals (NZIoC)



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Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS) Inventory
Taiwan	Taiwan Chemical Substance Inventory (TCSI)
United States	Toxic Substances Control Act (TSCA)

16. OTHER INFORMATION

SDS Updated Date : -
SDS Creation Date : 30 Oct 2020
Version : 1.00

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