



Silver Fern Chemical, Inc.

SAFETY DATA SHEET

Isopropyl Myristate

(According to 1907/2006/EC (REACH), Regulation (EU) 2020/878, 1272/2008/EC (CLP), and OSHA GHS
(Version-2.01, Date of Issue – 02 August 2024))

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

1.1. Product Identifier

Product Name : Isopropyl Myristate
CAS Number : 110-27-0
EINECS Number : 203-751-4
REACH Registration No. : 01-2119541806-35-0038
Unique Formula : Not applicable
Identifier (UFI) for
nanomaterials (Annex
VIII)

1.2. Intended Use of Product

Sector of use (SU)		
Category	Code	Use description
Main user group / Sector of end-use	SU3	Skin cosmetics, Cleaning agent/cleaner, Maintenance product, Impregnation and treatment spray for leather
Environmental release category (ERC)		
Category	Code	Use description
Environmental release category (ERC)	ERC2	Formulation of preparations
	ERC3	Formulation in materials

Uses advised against : Not Applicable

1.3. Supplier or Distributor Details : Silver Fern Chemical, Inc.
121 W. De La Guerra Street, Suite B
Santa Barbara, CA 93101 USA

Customer Service : Phone: 1-866-282-3384
Email: info@silverfernchemical.com

1.4. 24 Hour Emergency Contact : Infotrac 1-800-535-5053 (USA & Canada)
Outside USA & Canada 1-352-323-3500



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SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the

Substance or Mixture

Classification according to Regulation (EC) No 1272/2008 : This substance is not classified according to Globally Harmonised System (GHS)

2.2. Labelling according to

Regulation (EC) No

1272/2008

Label Elements

Pictogram : Not Applicable
Signal Word : Not Applicable
Hazard Phrases : (This product does not have a classification according to the CLP regulation. The product is not classified as hazardous according to OSHA GHS regulations)
Precaution Phrases : Not Applicable
GHS Storage and Disposal Phrases : Refer to Section 7 for Storage and Section 13 for Disposal information

2.3. Others Hazards according

to Regulation (EU)

2017/2100 for substance

contains endocrine
disrupting properties

PBT : Not Applicable

vPvB : Not Applicable

SECTION 3: COMPOSITION / INFORMATION OF INGREDIENTS

3.1. Substances

:

Component	CAS Number	EINECS Number	% by wt.
Isopropyl Myristate	110-27-0	203-751-4	100
Ingredients that determined to be Non-hazardous	-	-	Balance



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3.2. Mixtures

Specific Concentration Limits	: Not Applicable
Multiplying factors	: Not Applicable
Acute Toxicity Estimates	: Not Applicable

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	: Described in Section 11
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4.3. Indication of any immediate medical attention and special treatment needed	: No further relevant information available
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SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing Media

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

5.2. Special hazards arising from the substance or mixture	: No data available
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- 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.

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.

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Eye/Face protection	: Use Safety glasses
Skin Protection	: Wear chemically resistant 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

Physical State	: Liquid
Colour	: According to product specification
Odour	: Characteristic
Melting point/Freezing point	: ca. >3°C
Boiling point/boiling range	: ca. 193 °C at 20 mmHg
Flammability	: Not Applicable
Lower and Upper Explosion Limit	: Not Applicable
Flash point	: ca. 150 °C (Cleveland open cup)
Auto-ignition Temp.	: ca. 225 °C
Decomposition temperature	: Not Determined
pH Value	: Not Applicable
Viscosity Kinematic at 20°C	: ca. 3. 9 mm ² /s
Viscosity Dynamic at 20°C	: ca. 5-6 mPas
Solubility in/Miscibility with water at 25 °C	: < 0.00005 g/L
Partition coefficient: n-octanol/water	: ca. 7.71 log Kow (QSAR)
Vapour pressure at 25 °C	: 0. 01246 hPa
Density at 20 °C	: ca. 0.85 g/cm ³



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Relative Density at 20 °C : Not Determined
Vapour Density : Not Determined
Particle Characteristics : Not Applicable

9.2. Other Information

9.2.1 Information with Regard to : Not Applicable
Physical Hazard Class
9.2.2 Other Safety : Not Applicable
Characteristics

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

11.2. Information on other hazards



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Endocrine disrupting properties : Not Applicable
Information on other hazards : Not Applicable

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.Result of PBT and vPvB assessment : No data available

12.6.Endocrine disrupting properties : No data available

12.7.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 (ADR/RID) : Not Regulated
Maritime Transport (IMDG) : Not Regulated
Air Transport (IATA) : Not Regulated
HS Code : 2915.90.2000

14.3. Transport Hazard class(es)

Land Transport (ADR/RID) : Not Regulated



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Maritime Transport (IMDG) : Not Regulated
Air Transport (IATA) : Not Regulated

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 User

: No data available

14.7. Maritime Transport in Bulk According to IMO Instruments

: Not applicable

SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulations

Authorisations and/or restrictions on use : None

Other EU legislation : Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Commission Regulation (EU) 944/2013 of 2 October 2013 (5th ATP) amending Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP)

Regulation (EC) No 1223/2009 of the European Parliament and of the Council of 30 November 2009 on cosmetic products

Inventory Status : Listed in:

Country (s) or region	Inventory Name
Australia	Australian Inventory of Chemical Substance (AICS)



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

15.2. Chemical Safety Assessment

: A Chemical Safety Assessment has been carried out.

SECTION 16. OTHER INFORMATION

SDS Updated Date : 02 August 2024
SDS Creation Date : 30 Oct 2020
Version : 2.01

DISCLAIMER OF RESPONSIBILITY

The information on this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the substance itself. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS information may not be applicable.