



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1: Identification

Item	Details
Product Name	Isopropyl Myristate
Alternative Names	IPM; Propan-2-yl Tetradecanoate
Chemical Name	Isopropyl Myristate
CAS Number	110-27-0
EC Number	203-751-4
Molecular Formula	$C_{17}H_{34}O_2$
Molecular Weight	270.45 g/mol
Product Type	Cosmetic Ester / Perfumery Solvent
Recommended Use	Cosmetic manufacture, perfumery, personal care products and pharmaceutical formulations
Uses Advised Against	Internal consumption or industrial uses inconsistent with the intended application

Isopropyl Myristate (IPM) is the isopropyl ester of myristic acid. It is widely used as an emollient, carrier, spreading agent and solvent in perfumes, cosmetics and topical pharmaceutical preparations. It provides excellent skin feel, improves ingredient dispersion and enhances fragrance performance.

Supplier

Aromology Trading LLC
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SECTION 2: HAZARD IDENTIFICATION

GHS Classification

Under the Globally Harmonized System (GHS), Isopropyl Myristate is generally not classified as a hazardous substance when supplied in its pure commercial form.



Signal Word

Not Required

Hazard Statements

No classified hazards under GHS.

Precautionary Statements

- Avoid unnecessary contact with eyes.
- Avoid prolonged or repeated skin exposure.
- Observe good industrial hygiene practices.
- Keep containers tightly closed.
- Keep out of reach of children.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Concentration
Isopropyl Myristate	110-27-0	≥99%

Contains no intentionally added hazardous impurities.

SECTION 4: FIRST-AID MEASURES

Inhalation

Move to fresh air if discomfort occurs.

Skin Contact

Wash with soap and water. Remove contaminated clothing if necessary.

Eye Contact

Flush cautiously with water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion

Rinse mouth with water. Do not induce vomiting. Obtain medical advice if symptoms develop.

Most Important Symptoms

- Mild eye irritation.



- Mild skin irritation following prolonged exposure.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

- Dry chemical powder
- Carbon dioxide (CO₂)
- Alcohol-resistant foam
- Water spray

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Smoke and irritating organic vapours

Firefighters should wear self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Prevent spills from entering drains.
- Absorb with sand or inert absorbent.
- Collect in suitable containers for disposal.
- Clean spill area thoroughly to avoid slipping hazards.

SECTION 7: HANDLING AND STORAGE

Handling

- Use normal industrial hygiene practices.
- Avoid unnecessary eye contact.
- Prevent contamination of the product.

Storage

Store:

- In tightly closed containers.
 - In a cool, dry and well-ventilated area.
 - Away from direct sunlight.
 - Away from strong oxidising agents.
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SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Safety glasses
Hand Protection	Chemical-resistant gloves
Skin Protection	Standard protective clothing
Respiratory Protection	Normally not required under adequate ventilation
Hygiene	Wash hands thoroughly after handling

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical Value
Appearance	Clear, colourless oily liquid
Odour	Very faint characteristic odour
Relative Density (25 °C)	0.850–0.855
Refractive Index (20 °C)	1.434–1.438
Acid Value	≤0.5 mg KOH/g
Ester Value	205–215 mg KOH/g
Flash Point	>150 °C
Boiling Point	>300 °C
Solubility	Insoluble in water; soluble in alcohols, esters and oils

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability

Stable under normal storage conditions.

Conditions to Avoid

- Excessive heat.
- Strong oxidising agents.

Hazardous Decomposition Products

- Carbon monoxide.
- Carbon dioxide.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely routes of exposure:



- Skin contact.
- Eye contact.
- Ingestion.

Acute toxicity is low. May cause mild transient eye irritation. Prolonged or repeated skin exposure may cause slight irritation in sensitive individuals.

SECTION 12: ECOLOGICAL INFORMATION

- Readily biodegradable.
- Low environmental toxicity under normal conditions.
- Avoid large uncontrolled releases into waterways.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of product and packaging through an approved waste disposal contractor in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

Item	Information
UN Number	Not Regulated
Proper Shipping Name	Not Applicable
Hazard Class	Not Regulated
Packing Group	Not Applicable

Isopropyl Myristate is not classified as dangerous goods under ADR, IMDG, IATA or RID transport regulations.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EC) No. 1272/2008 (CLP)
- Regulation (EU) 2020/878
- Regulation (EC) No. 1223/2009 (Cosmetic Products)
- United Nations Globally Harmonized System (GHS)

SECTION 16: OTHER INFORMATION



Document Information

Item	Details
Issue Date	18 July 2026
Revision Number	01
Document Type	Summary Material Safety Data Sheet

Disclaimer

This Safety Data Sheet provides representative safety information for Isopropyl Myristate (IPM). The information is based on published safety data for cosmetic and pharmaceutical grade material. Actual specifications may vary slightly between manufacturers and production batches. The original manufacturer's Safety Data Sheet shall take precedence where available.

This material is intended exclusively for professional cosmetic, pharmaceutical and perfumery applications. It is not intended for internal consumption and should be stored securely away from children.

Authorised by:

Fozia Khot
Director