

Material Safety Data Sheet

SECTION 1: Product and Supplier Identification

Product Name: Isopropyl Myristate (IPM)

Synonyms: Isopropyl tetradecanoate; propan-2-yl tetradecanoate.

CAS No.: 110-27-0

EC No.: 203-751-4

Molecular formula: C₃H₆O₃

Product Form: Liquid

Recommended use: Cosmetic, personal-care, formulation, emollient and industrial applications, subject to applicable regulations.

Origin: USA

Supplier: Botanic Planet Canada Inc.

Address: 2 Bram Court Unit # 3 Brampton Ontario L6W 3R6 Canada

Phone: 905-455-4444

Email: info@botanicplanet.ca

Emergency Contact: (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARD(S) IDENTIFICATION

WHMIS 2015/GHS: Not classified as hazardous based on available information and the referenced Canadian supplier SDS.

No WHMIS pictogram, signal word or hazard statement is required on that basis.

Avoid unnecessary eye contact and prolonged/repeated skin contact. Spilled material may create a slip hazard. Keep away from excessive heat and ignition sources.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance: Isopropyl Myristate

CAS: 110-27-0

Concentration: ≤100%

Molecular formula: C₁₇H₃₄O₂

Molecular weight: 270.45 g/mol

4. FIRST-AID MEASURES

Eye: Rinse with plenty of water for at least 15 minutes; obtain medical advice if irritation persists.

Skin: Wash with soap and water; remove contaminated clothing.

Inhalation: Move to fresh air; obtain medical attention if symptoms occur.

Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel. Seek medical advice if unwell.

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable media: Water spray, CO₂, dry chemical or alcohol-resistant foam.

Flash point: >110 °C (230 °F).

Combustion may produce carbon monoxide and carbon dioxide. Firefighters should use self-contained breathing apparatus and suitable protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Ensure ventilation and wear appropriate PPE. Prevent release to drains, waterways and soil. Contain and absorb with inert material; collect into suitable closed containers. Clean residual material because it can create a slip hazard.

7. HANDLING AND STORAGE

Handle using good industrial hygiene. Avoid eye contact and prolonged/repeated skin contact. Do not eat, drink or smoke while handling. Store tightly closed in a cool, dry, well-ventilated place. Keep away from strong oxidizing agents and excessive heat.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

No specific occupational exposure limit was identified in the referenced supplier SDS. General ventilation is normally adequate. Use safety glasses/goggles where splashing is possible and chemical-resistant gloves appropriate for the task. Respiratory protection is normally not required with adequate ventilation; use an approved respirator if airborne mist/vapour may be excessive.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear liquid

Odour: None

Boiling point: approximately 167 °C at 9 mm Hg

Flash point: >110 °C

Relative density: approximately 0.850 g/mL

Water solubility: Insoluble

Vapour density: approximately 9.32 (air=1)

Log Pow: approximately 7.71

10. STABILITY AND REACTIVITY

Stable under normal conditions. Hazardous polymerization is not expected. Avoid excessive heat and ignition sources. Incompatible with strong oxidizing agents. Combustion/decomposition may produce carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Reported acute data: oral LD50 >10,000 mg/kg (rat); dermal LD50 approximately 5 g/kg (rabbit); inhalation LC50 reported as 41 mg/L (rat, 1 h). No definitive classification data were identified for skin/eye irritation, sensitization, mutagenicity, carcinogenicity, reproductive toxicity or STOT in the referenced SDS. Not listed by IARC, NTP, ACGIH or OSHA in that SDS.

12. ECOLOGICAL INFORMATION

Reported data include algae EC50 >100 mg/L (72 h), fish LC50 8400 mg/L (96 h), and Daphnia EC50 100 mg/L (48 h). Avoid uncontrolled release to drains and waterways. Log Pow is approximately 7.71; definitive bioaccumulation and soil-mobility data may be limited.

13. DISPOSAL CONSIDERATIONS

Dispose of material and container in accordance with applicable federal, provincial/state and local regulations. Do not discharge into drains or waterways. Empty containers may retain residue.

14. TRANSPORT INFORMATION

DOT (US): Not regulated. TDG (Canada): Not regulated. IATA: Not regulated. IMDG/IMO: Not regulated. Confirm requirements for the actual shipment, packaging & jurisdiction before transport.

15. REGULATORY INFORMATION

Canada: Referenced supplier SDS states IPM is not classified as hazardous under WHMIS 2015/Hazardous Products Regulations and is listed on the Canadian Domestic Substances List (DSL). **United States:** Listed on TSCA inventory according to the referenced SDS. Verify requirements for other jurisdictions before import, export or sale.

16. OTHER INFORMATION

Document: Safety Data Sheet (MSDS) Product: Isopropyl Myristate (IPM) Issue date: 09-Aug-2026

Disclaimer. The information contained in this Safety Data Sheet (SDS) is believed to be accurate and has been provided in good faith based on information available at the time of preparation. This SDS is intended solely as guidance for the safe handling, storage, transportation, use, processing, and disposal of the product. This document does not constitute a warranty, representation, or guarantee, whether express or implied, regarding the product's quality, merchantability, fitness for a particular purpose, performance, or safety. The purchaser and user are solely responsible for determining the suitability of the product for their intended application and for ensuring compliance with all applicable federal, provincial/state, and local laws, regulations, and industry standards. Botanic Planet Canada Inc. shall not be liable for any direct, indirect, incidental, consequential, special, or punitive damages arising from or relating to the handling, storage, transportation, use, misuse, processing, or disposal of this product. To the fullest extent permitted by applicable law, any liability of Botanic Planet Canada Inc., whether arising in contract, tort, negligence, strict liability, or otherwise, shall be limited to the purchase price of the product supplied. Any dispute arising out of or relating to the sale, supply, or use of this product shall be governed by and construed in accordance with the laws of the Province of Ontario and the applicable federal laws of Canada, without regard to conflict-of-law principles. The parties irrevocably submit to the exclusive jurisdiction of the courts located in the Province of Ontario, Canada, for the resolution of any such dispute.

Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada

Email: info@botanicplanet.ca www.botanicplanet.ca