

MATERIAL SAFETY DATA SHEET
ISOPROPYL MYSTRATE



1. Identification of Substance, Preparation and Company

Product Name: Isopropyl Myristate
Company Name: Bathbomb.biz limited
Company Address: 37 Worting Road
Basingstoke
Hampshire
RG21 8TZ
Emergency Phone Number: 01256 474889

2. Composition Information on Ingredients

Definition / Botanical Origin: The ester of Isopropyl alcohol and myristic acid with the chemical formula $C_{17}H_{34}O_2$.
H-No:
CAS No: 110-27-0
EINECS No: 203-751-4
Application: Emulsifier and emollient agent for cosmetics, perfumery
Synonym: Tetradecanoic acid 1-methylether ester

3. Hazards Identification

Concentrated product. Observe good housekeeping procedures.



MATERIAL SAFETY DATA SHEET
ISOPROPYL MYSTRATE



4. First Aid Measures

Inhalation: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

Eye Exposure: Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.

Skin Contact: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

Ingestion: Rinse mouth out with water. Seek medical advice **immediately**.

Others: Take Risk and Safety phrases (section 15) into consideration.

5. Fire Fighting Measures

Extinguishing Media Recommended: Use CO2, Dry Powder or Foam Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

Special Measures: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

Extinguishing Procedures: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. Accidental Release Measures

Personal precautions: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages..

Environmental precautions: Keep away from drains, soils, surface & ground waters.

Cleaning up methods for spillages: Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe local disposal regulations.



MATERIAL SAFETY DATA SHEET
ISOPROPYL MYSTRATE



7. Handling and Storage

Precautions in handling:	Apply good manufacturing and industrial hygiene practices ensuring proper ventilation. Do not drink, eat or smoke while handling. Observe good personal hygiene.
Storage conditions:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
Fire protection:	Keep away from ignition sources and naked flame. Take precautions to avoid static discharges in working area.

8. Exposure Controls / Personal Protection

Respiratory protection:	Avoid breathing product vapour. Apply local ventilation where possible
Ventilation:	Ensure good ventilation of working area.
Hand protection:	Avoid all skin contact. Use chemically resistant gloves if required.
Eye protection:	Wear safety glasses if there is a risk of splashing.
Work/Hygiene practices:	Wash hands with soap & water after handling.

9. Physical and Chemical Properties

Colour / Appearance:	Clear, colourless, mobile liquid
Odour:	None
Specific gravity @ 20°C:	0.850 – 0.860
Refractive Index:	1.420 – 1.450
Flash point (°C):	>230 approx

10. Stability and Reactivity

Reactivity:	It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidising agents.
Decomposition:	Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.



MATERIAL SAFETY DATA SHEET
ISOPROPYL MYSTRATE



11. Toxicological Information

Acute toxicity Oral Rat LD50 > 2000mg/kg (Literature value)

12. Ecological Information

Biodegradability:	Biodegradable
Precautions:	Prevent surface contamination of soil, ground & surface water.

13. Disposal Considerations

- Dispose of according to local regulations
- Avoid disposing into drainage systems and into the environment

14. Transport Information

Road (ADR/RID):	Not applicable
Air (IATA):	Not applicable
Sea (IMDG)	Not applicable
CHIP:	See section 15

15. Regulatory Information (According to Directive 88/379/EEC)

Hazards:	Not applicable
Symbols:	Not applicable
Risk Phrases:	Not applicable
Safety Phrases:	Not applicable

16. Other Information

Cosmetics Directive 7th Amendment: Not restricted



MATERIAL SAFETY DATA SHEET
ISOPROPYL MYSTRATE



16.1. Packaging

Type	Suitability
Glass:	Yes
Lacquer lined steel / tin:	Yes
Aluminium:	Yes
HPPE:	Yes
F/HDPE:	Yes
Other plastic:	Yes

16.2. Shelf Life

When stored within advised conditions, re-test after 12 months and then at 6 monthly intervals up to a maximum life of 36 months.

16.3. QC Requirements

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use..

Should you have any questions relating to the use of this product, please contact bathbomb.biz Ltd either by phone (01256 474889) or by email (fizzy@bathbomb.biz) .

