



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

Product Name: Ethyl Myristate Natural

Alternative Names: Myristic Acid Ethyl Ester, Ethyl Tetradecanoate

Chemical Name: Ethyl Myristate

INCI Name: Ethyl Myristate

CAS Number: 124-06-1

EC Number: 204-677-5

Molecular Formula: C₁₆ H₃₂O₂

Molecular Weight: 256.42 g/mol

Product Type: Natural Aroma Chemical / Fatty Acid Ester

Origin: Naturally Derived

Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic, personal care and fragrance raw material.

Supplier

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

Telephone: +971 505197601

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

This material is not classified as hazardous according to:

- GHS Revision 9
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Regulation (EC) No. 1272/2008 (CLP)

Signal Word



None

Hazard Statements

Not classified as hazardous.

Precautionary Statements

- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke while using this product.
- P280 Wear suitable protective gloves and eye protection during industrial handling.
- P501 Dispose of contents/container according to local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Ethyl Myristate Natural
Chemical Name	Ethyl Myristate
CAS Number	124-06-1
EC Number	204-677-5
Purity	≥98%

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove to fresh air. Seek medical advice if symptoms develop.

Skin Contact: Wash with soap and water.

Eye Contact: Flush cautiously with water for at least 15 minutes. Obtain medical attention if irritation persists.

Ingestion: Rinse mouth. Seek medical advice if large quantities have been ingested.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide



- Dry chemical powder
- Alcohol-resistant foam
- Water spray

Hazardous Combustion Products

Carbon monoxide and carbon dioxide.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Collect spilled material with inert absorbent material.

Prevent unnecessary release into drains and waterways.

Dispose of according to local regulations.

SECTION 7 – HANDLING AND STORAGE

Handle using good industrial hygiene practices.

Store tightly closed in a cool, dry, well-ventilated location.

Protect from excessive heat, moisture and direct sunlight.

Recommended Storage Temperature: 15–25 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Safety glasses
 - Protective gloves
 - Protective clothing
 - Adequate ventilation
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
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Appearance	Clear colourless to pale yellow liquid
Odour	Mild, fatty, waxy, creamy, faint fruity
Relative Density (20 °C)	0.855–0.875
Refractive Index (20 °C)	1.435–1.445
Melting Point	Approximately 11 °C
Boiling Point	Approximately 295 °C
Flash Point	>130 °C
Solubility in Water	Insoluble
Solubility	Soluble in ethanol, fixed oils and most organic solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under normal storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

Low acute toxicity.

May cause slight eye irritation upon direct contact.

No known significant health hazards when handled according to good industrial hygiene practices.

SECTION 12 – ECOLOGICAL INFORMATION

Expected to be readily biodegradable.

Avoid unnecessary release into aquatic environments.



SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of product and packaging through an authorised waste disposal contractor in accordance with local, regional and national regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	Not Regulated
ADR/RID	Not Regulated
IMDG	Not Regulated
IATA	Not Regulated

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
 - OSHA Hazard Communication Standard (29 CFR 1910.1200)
 - Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EU) 2020/878
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SECTION 16 – OTHER INFORMATION

Ethyl Myristate Natural is a naturally derived fatty acid ester valued in perfumery for its smooth, creamy, waxy and faintly fruity odour. Besides its subtle olfactory contribution, it functions as an excellent solvent, diluent and fixative, improving the stability and diffusion of fragrance compositions. It is widely used in fine fragrances, cosmetic formulations, personal care products and natural perfume bases, where it imparts softness and enhances the substantivity of floral, musk, woody and gourmand accords.

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