



MATERIAL SAFETY DATA SHEET (MSDS)

According to Regulation (EC) No. 1907/2006 (REACH) & GHS

1. Identification of the Substance and Company

Product Name: Natural Ethyl Acetate

CAS Number: 141-78-6

EC Number: 205-500-4

Index Number: 607-022-00-5

Recommended Use:

Fragrance and flavour ingredient for professional use.

Uses Advised Against:

Direct consumer use without proper formulation.

Supplier:

AROMOLOGY TRADING LLC

G15, Union Coop Mall

Nadd Al Hamar, Dubai

United Arab Emirates

Email: info@aromology.com

Website: www.aromology.com

Emergency Contact:

Local emergency services according to national regulations

2. Hazard Identification

Classification (Regulation EC No. 1272/2008 – CLP)

- Flammable Liquid – Category 2 (H225)
- Eye Irritation – Category 2 (H319)
- STOT SE – Category 3 (H336)

Signal Word: Danger

Hazard Statements

- H225: Highly flammable liquid and vapour
- H319: Causes serious eye irritation
- H336: May cause drowsiness or dizziness



- EUH066: Repeated exposure may cause skin dryness or cracking

Precautionary Statements

- Keep away from heat, sparks, and open flames
 - Wear protective gloves and eye protection
 - Use only in well-ventilated areas
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3. Composition / Information on Ingredients

Substance	CAS No.	Concentration
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Natural Ethyl Acetate	141-78-6	100%
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Molecular Formula: $C_4H_8O_2$

Molecular Weight: 88.11 g/mol

4. First-Aid Measures

Inhalation:

Move to fresh air. Seek medical advice if symptoms occur.

Skin Contact:

Wash immediately with soap and water. Remove contaminated clothing.

Eye Contact:

Rinse cautiously with water for several minutes. Seek medical attention if irritation persists.

Ingestion:

Rinse mouth. Do not induce vomiting. Seek medical advice.

5. Fire-Fighting Measures

Suitable Extinguishing Media:

Water spray, foam, CO_2 , dry chemical powder

Specific Hazards:

Highly flammable vapours may form explosive mixtures with air.

Protective Equipment:

Self-contained breathing apparatus and full protective gear.



6. Accidental Release Measures

Personal Precautions:

Remove ignition sources. Ensure adequate ventilation.

Environmental Precautions:

Prevent release into drains or waterways.

Cleanup Methods:

Absorb with inert material (sand, diatomaceous earth). Dispose according to regulations.

7. Handling and Storage

Handling:

Avoid inhalation of vapours. Do not eat, drink, or smoke during handling.

Storage:

Store tightly closed in a cool, well-ventilated place away from ignition sources.

Incompatible Materials:

Oxidizing agents.

8. Exposure Controls / Personal Protection

Occupational Exposure Limits:

Ethyl Acetate:

- TWA (8h): 200 ppm / 734 mg/m³
- STEL (15 min): 400 ppm / 1468 mg/m³

Engineering Controls:

Local exhaust ventilation recommended.

Personal Protective Equipment:

- Safety goggles
- Chemical-resistant gloves
- Flame-retardant protective clothing
- Respiratory protection if ventilation is insufficient

9. Physical and Chemical Properties

Property	Value
Appearance	Colourless liquid
Odour	Fruity
Melting Point	-83 °C
Boiling Point	77 °C
Flash Point	-4 °C
Density	~0.90 g/cm ³ (20 °C)
Solubility in Water	83.1 g/L (20 °C)
Vapour Pressure	98.4 hPa (20 °C)
Auto-ignition Temperature	427 °C

10. Stability and Reactivity

Reactivity: Highly flammable

Chemical Stability: Stable under normal conditions

Conditions to Avoid: Heat, sparks, open flames

Hazardous Decomposition Products: None known

11. Toxicological Information

- LD₅₀ (oral, rat): 5620 mg/kg
 - LD₅₀ (dermal, rabbit): >20,000 mg/kg
 - Causes serious eye irritation
 - May cause drowsiness or dizziness
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12. Ecological Information

Biodegradability: Readily biodegradable (>90%, OECD 301B)

Aquatic Toxicity: Low



Bioaccumulation: Not expected

Environmental Precaution: Avoid uncontrolled release

13. Disposal Considerations

Dispose of contents and containers in accordance with local and international regulations. Do not allow to enter drains or waterways.

14. Transport Information

UN Number: UN 1173

Proper Shipping Name: Ethyl Acetate

Hazard Class: 3

Packing Group: II

Applicable to ADR / IMDG / IATA regulations.

15. Regulatory Information

- REACH: Not classified as SVHC
 - SEVESO III: P5c – Flammable Liquids
 - Water Hazard Class: 1 (slightly hazardous)
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16. Other Information

This MSDS is intended as a safety guide for professional users and does not constitute a guarantee of product properties.

Prepared for: Aromology Trading LLC

Document Type: MSDS (GHS / REACH)