



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 Acetate Natural

Alternative Names: Natural Ethyl Ethanoate

Chemical Name: Ethyl Acetate

INCI Name: Ethyl Acetate

CAS Number: 141-78-6

EC Number: 205-500-4

REACH Registration Number: 01-2119475103-46

Molecular Formula: C₄H₈ O₂

Molecular Weight: 88.11 g/mol

Product Type: Natural Aroma Chemical / Solvent

Origin: Natural (Produced by Fermentation)

Grade: Perfumery Grade

Recommended Use: Professional perfumery, cosmetic, flavour 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

- Flammable Liquid – Category 2
- Eye Irritation – Category 2A
- Specific Target Organ Toxicity (Single Exposure) – Category 3 (Narcotic Effects)

Signal Word



Danger

Hazard Statements

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

Precautionary Statements

- P210 Keep away from heat, hot surfaces, sparks and open flames. No smoking.
- P233 Keep container tightly closed.
- P240 Ground and bond container and receiving equipment.
- P261 Avoid breathing vapours.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves and eye protection.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P370+P378 In case of fire: Use dry chemical, carbon dioxide or alcohol-resistant foam.
- P403+P235 Store in a well-ventilated place. Keep cool.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Ethyl Acetate Natural
Chemical Name	Ethyl Acetate
CAS Number	141-78-6
EC Number	205-500-4
Purity	≥99.5%

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove the affected person to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Wash skin thoroughly with soap and water. Remove contaminated clothing.

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



Ingestion: Rinse mouth. Do not induce vomiting. Obtain medical advice.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water fog

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic vapours.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Eliminate all ignition sources.

Ensure adequate ventilation.

Absorb with inert material and transfer into suitable waste containers.

Prevent release into drains.

SECTION 7 – HANDLING AND STORAGE

Handle in well-ventilated areas.

Avoid breathing vapours.

Avoid contact with eyes.

Store tightly closed away from heat, sparks and direct sunlight.

Recommended Storage Temperature: 15–25 °C



SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles
 - Nitrile gloves
 - Flame-resistant protective clothing where appropriate
 - Explosion-proof ventilation
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear, colourless liquid
Odour	Sweet, fruity, characteristic solvent
Relative Density (20 °C)	0.897–0.902
Refractive Index (20 °C)	1.371–1.373
Boiling Point	Approximately 77 °C
Flash Point	-4 °C
Auto-Ignition Temperature	Approximately 427 °C
Solubility in Water	Approximately 8.5%
Solubility	Miscible with ethanol, ethers and most organic solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Heat
- Sparks
- Open flames
- Strong oxidising agents
- Strong acids and alkalis

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May cause eye irritation.



High vapour concentrations may cause dizziness, drowsiness or headache.

Repeated prolonged exposure may cause skin dryness or cracking.

Low acute toxicity under normal industrial use.

SECTION 12 – ECOLOGICAL INFORMATION

Readily biodegradable.

Low bioaccumulation potential.

Avoid unnecessary release into the environment.

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	UN1173
Proper Shipping Name	Ethyl Acetate
ADR/RID	Class 3
IMDG	Class 3
IATA	Class 3
Packing Group	II

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

SECTION 16 – OTHER INFORMATION

Ethyl Acetate Natural is a high-purity ester produced by natural fermentation processes. It possesses a pleasant sweet, fruity aroma and is widely used as a naturally derived solvent and aroma ingredient in perfumery, cosmetics, flavours and botanical extractions. Owing to its excellent solvency, rapid evaporation and compatibility with fragrance materials, it is commonly used in the manufacture of natural extracts, tinctures and fine fragrance compositions.

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