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 Oenanthate
Alternative Names: Ethyl Heptanoate, Ethyl Enanthate
Chemical Name: Ethyl Heptanoate
INCI Name: Ethyl Heptanoate
CAS Number: 106-30-9
EC Number: 203-383-4
Molecular Formula: $C_9H_{18}O_2$
Molecular Weight: 158.24 g/mol
Product Type: Aroma Chemical
Olfactory Description: Fruity, Cognac, Brandy, Pineapple, Grape, Wine-like
Grade: Premium 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

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 protective gloves and eye protection during industrial handling.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Ethyl Oenanthate – Fruity Cognac
Chemical Name	Ethyl Heptanoate
CAS Number	106-30-9
EC Number	203-383-4
Purity	≥98%

SECTION 4 – FIRST AID MEASURES

Inhalation: Move the exposed person to fresh air. Obtain medical advice if symptoms persist.

Skin Contact: Wash thoroughly with soap and water.

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

Ingestion: Rinse mouth. Do not induce vomiting. Seek medical advice if unwell.

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

Provide adequate ventilation.

Absorb spilled material with inert absorbent.

Prevent unnecessary release into drains or waterways.

Dispose of waste according to local regulations.

SECTION 7 – HANDLING AND STORAGE

Handle using good industrial hygiene practices.

Keep container tightly closed.

Store in a cool, dry and well-ventilated area.

Keep away from heat, sparks, open flames and strong oxidising agents.

Recommended Storage Temperature: 15–25 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Safety glasses
- Protective gloves
- Protective clothing
- Adequate ventilation

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear colourless liquid
Odour	Fruity, cognac, wine, pineapple, grape, brandy
Relative Density (20°C)	0.865–0.875
Refractive Index (20°C)	1.414–1.419
Boiling Point	Approximately 188°C
Flash Point	Approximately 63°C
Solubility in Water	Slightly soluble
Solubility	Soluble in ethanol and most organic solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames
- Prolonged exposure to air

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

Low acute toxicity under normal conditions of use.

Prolonged exposure may cause mild eye or skin irritation.

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

SECTION 12 – ECOLOGICAL INFORMATION

No significant environmental hazards are expected under normal conditions of use.

Avoid unnecessary release into waterways.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents and packaging through an authorised waste disposal contractor in accordance with applicable local 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

SECTION 16 – OTHER INFORMATION

Ethyl Oenanthate (Ethyl Heptanoate) is a high-impact fruity ester widely used in fine fragrance and flavour creation. It possesses an elegant aroma reminiscent of cognac, brandy, ripe grapes, pineapple and fermented fruits with subtle wine-like nuances. In perfumery it is used at very low concentrations to enrich fruity accords, dried fruit notes, liqueur effects, gourmand compositions and floral bouquets, providing excellent lift, realism and diffusion.

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