



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 Cinnamate Natural

Alternative Names: Natural Ethyl Cinnamate, Ethyl 3-Phenyl-2-propenoate

Chemical Name: Ethyl Cinnamate

INCI Name: Ethyl Cinnamate

CAS Number: 103-36-6

EC Number: 203-104-6

Molecular Formula: C₁₁H₁₂O₂

Molecular Weight: 176.21 g/mol

Product Type: Natural Aroma Chemical

Origin: Naturally Derived

Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic 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

- Skin Irritation – Category 2
- Eye Irritation – Category 2A
- Skin Sensitisation – Category 1
- Hazardous to the Aquatic Environment (Chronic) – Category 3

Signal Word

Warning



Hazard Statements

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing vapours.
- P264 Wash thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Ethyl Cinnamate Natural
Chemical Name	Ethyl Cinnamate
CAS Number	103-36-6
EC Number	203-104-6
Purity	≥98%

SECTION 4 – FIRST AID MEASURES

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

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

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 spray

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic vapours.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable protective equipment.

Avoid release into drains and waterways.

Absorb with inert material and transfer into suitable waste containers.

SECTION 7 – HANDLING AND STORAGE

Use only in well-ventilated areas.

Avoid contact with skin and eyes.

Store tightly closed in the original container.

Protect from excessive heat, direct sunlight and strong oxidising agents.

Recommended Storage Temperature: 15–25 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles
- Nitrile gloves
- Protective clothing



- Local exhaust ventilation where required

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear liquid to crystalline solid (depending on temperature)
Colour	Colourless to Pale Yellow
Odour	Sweet, fruity, plum, balsamic, cinnamon-like
Relative Density (25 °C)	1.050–1.080
Refractive Index (20 °C)	1.555–1.565
Melting Point	6–8 °C
Boiling Point	Approximately 271 °C
Flash Point	Approximately 126 °C
Solubility in Water	Practically insoluble
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

May cause skin irritation.

May cause allergic skin reactions.

May cause eye irritation.

Low acute toxicity under normal conditions of industrial use.



SECTION 12 – ECOLOGICAL INFORMATION

Harmful to aquatic organisms with long lasting effects.

Avoid uncontrolled release into the environment.

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 Cinnamate Natural is a naturally derived aromatic ester valued in fine fragrance for its rich fruity-plum, balsamic and softly spicy cinnamon profile. It imparts warmth, sweetness and depth to floral, gourmand, fruity and oriental accords while blending exceptionally well with vanilla, heliotropin, benzoin, rose, jasmine, tonka bean and other balsamic materials. Its excellent substantivity and elegant fruity character make it a valuable specialty ingredient in premium fragrance compositions.

Document Version: 1.0

Issue Date: 10 July 2026

Prepared By:

Fozia Khot
Director