



SAFETY DATA SHEET (SDS)

Product Name: Ethyl Vanillin

Supplier: Aromology Trading LLC

CAS Number: 121-32-4

EC Number: 204-464-7

Chemical Name: 3-Ethoxy-4-hydroxybenzaldehyde

Molecular Formula: C₉ H₁₀ O₃

Molecular Weight: 166.17 g/mol

Recommended Use: Perfumery raw material / fragrance ingredient

SECTION 1 – Identification

Product Identifier: Ethyl Vanillin

Synonyms: 3-Ethoxy-4-hydroxybenzaldehyde; Ethylvanillin

Use: Professional fragrance ingredient for perfume manufacture.

SECTION 2 – Hazard Identification

GHS Classification:

Not classified as hazardous under normal conditions of use.

Signal Word: None

Hazard Statements: Not classified as hazardous.

Precautionary Statements:

Avoid breathing dust. Avoid contact with eyes and skin. Wash hands thoroughly after handling. Use appropriate protective equipment when handling.

SECTION 3 – Composition / Information on Ingredients

Component CAS Number Concentration

Ethyl Vanillin	121-32-4	≥ 99%
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SECTION 4 – First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Seek medical advice if irritation persists.

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



Inhalation: Move person to fresh air. Seek medical advice if symptoms occur.

Ingestion: Rinse mouth. Do not induce vomiting unless directed by medical personnel.

SECTION 5 – Fire Fighting Measures

Suitable Extinguishing Media: Water spray, dry chemical, carbon dioxide, foam.

Hazardous Combustion Products: Carbon monoxide and carbon dioxide.

Protective Equipment: Wear self-contained breathing apparatus and protective clothing.

SECTION 6 – Accidental Release Measures

Avoid dust formation. Sweep carefully and collect into suitable containers. Prevent release into drains and waterways. Dispose according to local regulations.

SECTION 7 – Handling and Storage

Handle in a well-ventilated area. Avoid dust generation and prolonged contact with skin or eyes.

Store tightly closed in a cool, dry, well-ventilated place away from heat, moisture, direct sunlight, and strong oxidizing agents.

SECTION 8 – Exposure Controls / Personal Protection

Engineering Controls: Provide adequate ventilation.

Eye Protection: Safety glasses or goggles.

Hand Protection: Nitrile or chemical-resistant gloves.

Respiratory Protection: Dust mask if dust is generated.

SECTION 9 – Physical and Chemical Properties

Property	Value
Appearance	White to pale yellow crystalline powder
Odour	Sweet, creamy, vanilla, balsamic
Melting Point	Approx. 76–78 °C
Boiling Point	Approx. 285 °C
Flash Point	Approx. 127 °C



Property	Value
Solubility in Water	Slightly soluble
Solubility	Soluble in ethanol and perfume solvents
Density	Not applicable / solid
Vapour Pressure	Low

SECTION 10 – Stability and Reactivity

Stable under recommended storage conditions.

Avoid: Heat, moisture, dust generation, strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

SECTION 11 – Toxicological Information

May cause mild irritation to eyes, skin, or respiratory tract due to dust exposure. No known carcinogenic, mutagenic, or reproductive toxicity under normal conditions of use.

SECTION 12 – Ecological Information

Avoid uncontrolled release into drains, soil, and waterways. No significant ecological hazard expected when handled and disposed of correctly.

SECTION 13 – Disposal Considerations

Dispose of contents and containers in accordance with local, regional, and national regulations. Do not discharge into drains.

SECTION 14 – Transport Information

Regulation Classification

ADR/RID	Not Regulated
IMDG	Not Regulated
IATA	Not Regulated

Ethyl Vanillin is generally not classified as a dangerous good for transport.



SECTION 15 – Regulatory Information

Prepared in accordance with GHS, CLP Regulation principles, and general SDS format requirements.

SECTION 16 – Other Information

Issue Date: 30 June 2026

Revision: 1.0

This SDS is prepared for professional handling of the raw material and does not replace the responsibility of the user to verify suitability and compliance for the finished product.

Authorized by

Fozia Khot

Director

Aromology Trading LLC