

Material Safety Data Sheet

Ethyl Vanillin

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Ethyl Vanillin

INCI Name: Ethyl Vanillin

Chemical Name: 3-Ethoxy-4-hydroxybenzaldehyde

CAS No.: 121-32-4

EC No.: 204-464-7

Molecular Formula: C₉H₁₀O₃

Molecular Weight: 166.18 g/mol

Grade: Cosmetic / Perfumery Grade

Country of Origin: India

Grade: Cosmetic / Perfumery Grade

Recommended Use: Fragrance and cosmetic raw material; aromatic ingredient used in perfumes, personal-care products and fragrance compositions.

Supplier: Botanic Planet Canada Inc.

Address: 2 Bram Crt Unit # 3-4 Brampton, Ontario, Canada

Telephone number: 905-455-4444

Emergency phone number (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

SECTION 2 – HAZARD IDENTIFICATION

Ethyl Vanillin should be handled as a concentrated chemical raw material.

Potential Hazards: Dust may cause irritation to the eyes, skin or respiratory tract. Avoid unnecessary inhalation of powder and prolonged direct contact.

Precautionary Measures: Wear suitable gloves and eye protection. Avoid generating airborne dust. Use with adequate ventilation. Wash thoroughly after handling.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	EC No.	Concentration
Ethyl Vanillin	121-32-4	204-464-7	≥99%

SECTION 4 – FIRST-AID MEASURES

Eye Contact: Rinse cautiously with clean water for at least 15 minutes. Remove contact lenses if easily possible. Obtain medical attention if irritation persists.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing. Seek medical advice if irritation develops.

Inhalation: Move the affected person to fresh air. Keep comfortable for breathing. Seek medical attention if symptoms persist.

Ingestion: Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical advice if a significant quantity has been swallowed.

SECTION 5 – FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, carbon dioxide (CO₂), dry chemical or appropriate foam.

Specific Hazards: Combustion or thermal decomposition may produce irritating fumes and carbon oxides.

Protective Equipment: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus when necessary.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Avoid generating dust.

Wear suitable gloves, eye protection and protective clothing. Carefully sweep or collect spilled powder and transfer it to a suitable closed container.

Avoid uncontrolled release into drains or waterways. Clean the affected area thoroughly after collection.

SECTION 7 – HANDLING AND STORAGE

Avoid contact with eyes and prolonged contact with skin. Avoid inhalation of dust.

Use appropriate ventilation when handling bulk quantities.

Storage: Keep container tightly closed in a cool, dry and well-ventilated area. Protect from direct sunlight, heat and moisture. Keep away from strong oxidizing agents.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide adequate ventilation and minimize dust generation.

Eye Protection: Safety glasses or chemical goggles.

Hand Protection: Suitable chemical-resistant gloves.

Skin Protection: Protective clothing as appropriate for the quantity being handled.

Respiratory Protection: Normally not required under adequate ventilation. Suitable particulate protection should be used where significant airborne dust is generated.

Hygiene Measures: Wash hands thoroughly after handling. Do not eat, drink or smoke while handling the raw material.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Information
Appearance	White to slightly yellow crystalline powder
Physical State	Solid
Odor	Strong, sweet, vanilla-like
Molecular Formula	$C_9H_{10}O_3$
Molecular Weight	166.18 g/mol
Melting Point	Approx. 76–78°C
Water Solubility	Slightly soluble
Ethanol Solubility	Soluble
Odor Character	Sweet, creamy, warm vanilla

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage and handling conditions.

Conditions to Avoid: Excessive heat, moisture, direct sunlight and dust generation.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide and other irritating fumes may be generated during combustion.

Hazardous Polymerization: Not expected under normal conditions.

SECTION 11 – TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Eye contact, skin contact, inhalation of dust and ingestion.

Concentrated powder may cause mechanical or chemical irritation upon direct exposure.

Avoid prolonged or repeated exposure. Finished cosmetic formulations should be evaluated based on the actual concentration of Ethyl Vanillin and the intended use.

SECTION 12 – ECOLOGICAL INFORMATION

Complete product-specific ecological information is not available.

Avoid unnecessary release of concentrated raw material into the environment. Do not discharge bulk quantities directly into drains, surface water or soil.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of unused product, contaminated material and packaging in accordance with applicable federal, provincial and local regulations.

Do not dispose of bulk concentrated material directly into drains or waterways.

SECTION 14 – TRANSPORT INFORMATION

Ethyl Vanillin is generally not regulated as dangerous goods for routine transport based on commonly available commercial SDS information.

Final transportation classification should be confirmed against the current manufacturer's SDS and applicable TDG, DOT, IATA and IMDG requirements for the specific material being shipped.

SECTION 15 – REGULATORY INFORMATION

Product: Ethyl Vanillin

INCI: Ethyl Vanillin

CAS: 121-32-4

EC: 204-464-7

Intended for use as a cosmetic/perfumery raw material. The finished-product manufacturer is responsible for determining appropriate concentration and compliance with applicable cosmetic, fragrance, workplace and labeling requirements.

SECTION 16 – OTHER INFORMATION

Product: Ethyl Vanillin

Chemical Name: 3-Ethoxy-4-hydroxybenzaldehyde

CAS: 121-32-4

Formula: $C_9H_{10}O_3$

Molecular Weight: 166.18 g/mol

Grade: Cosmetic / Perfumery Grade

This product is a 100% pure and natural. It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge and specifications. The analysis and statements herein constitute the most complete information available to Botanic Planet Canada Inc. Please refer to all relevant technical information specific to the product, prior to use. This information contained in this material safety Data sheet is obtained from current and reliable sources. As an ordinary or otherwise user(s) of this product is outside the control of Botanic Planet Canada Inc., no representation or warranty, expressed or implied is made as to the effect(s) of such use (s) (including damages or injury) or any obtained. Botanic Planet Canada Inc. expressly disclaims responsibility as to the ordinary or otherwise uses. Furthermore, Botanic Planet Canada Inc. makes no claims as to the fitness for any use, and you should consider nothing contained herein as a recommendation. The Liability of botanic Planet Canada Inc. is limited to the value of the goods and does not include any consequential loss. In the event of any dispute, the Customer hereby agrees that Jurisdiction is limited to the province of Ontario Canada.

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