



# Safety Data Sheet

This safety data sheet complies with the requirements of:  
US OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Product code**

10019-02

**Product name**

ETHYL VANILLIN - BORREGAARD

**Issuing Date** 14-Aug-2024

**Revision date** 14-Aug-2024

**Version** 2

## 1. Identification

**Product identifier****Product name**

ETHYL VANILLIN - BORREGAARD

**Other means of identification****Product code**

10019-02

**Synonyms**

INCI: Ethyl Vanillin

**Recommended use of the chemical and restrictions on use****Recommended Use**

Industry Use

**Restrictions on use**

No information available

**Details of the supplier of the safety data sheet****Supplier Address**

Tilley Distribution  
355 Chestnut Street  
Norwood, NJ 07648  
Phone: (201) 784-6100 Fax: (201) 784-8566

**Emergency telephone number****Company Phone Number**

Use CHEMTREC instead of Emergency Phone Number

**Emergency telephone**

Chemtrec 1-800-424-9300  
Contract# CCN22338

## 2. Hazard(s) identification

**Classification**

Serious eye damage/eye irritation

Category 2B

Combustible dust

**Hazards not otherwise classified (HNOc)**

Not applicable

**Label elements**

**Warning****Hazard statements**

Causes eye irritation

May form combustible dust concentrations in air

**Appearance** Powder**Physical state** Solid**Odor** Characteristic odor**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

**Precautionary Statements - Response**

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing  
If eye irritation persists: Get medical advice/attention

**Precautionary Statements - Storage** Store in accordance with local regulations**Precautionary Statements - Disposal** Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable**Other Information**

May be harmful if swallowed. Harmful to aquatic life.

**3. Composition/information on ingredients****Substance****Synonyms**

INCI: Ethyl Vanillin.

**Chemical Family**

Aromatic aldehyde.

**Formula**C<sub>9</sub>H<sub>10</sub>O<sub>3</sub>

Chemical name	CAS No.	Weight-%	Food additive code
Ethyl vanillin	121-32-4	100	N/A

**4. First-aid measures****Description of first aid measures****General advice**

Show this safety data sheet to the doctor in attendance.

**Inhalation**

Remove to fresh air.

**Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Get medical attention if irritation develops and persists.  
Remove contact lenses, if present and easy to do. Continue rinsing.

**Skin contact**

Wash skin with soap and water.

**Ingestion**

Rinse mouth. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a physician.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## 5. Fire-fighting measures

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Large Fire** CAUTION: Use of water spray when fighting fire may be inefficient.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

**Specific hazards arising from the chemical** No information available.

**Hazardous combustion products** Irritating or toxic substances may be emitted upon burning, combustion, or decomposition.

**Explosion data**

**Sensitivity to mechanical impact** Yes.

**Sensitivity to static discharge** Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin, eyes or clothing. Use personal protective equipment as required.

**Other information** Refer to protective measures listed in Sections 7 and 8.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

## 7. Handling and storage

**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

## 8. Exposure controls/personal protection

**Control parameters****Exposure Limits**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls****Engineering controls**

Showers  
Eyewash stations  
Ventilation systems.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Wear eye protection/ face protection. If splashes are likely to occur, wear safety glasses with side-shields. None required for consumer use.

**Skin and body protection**

No special protective equipment required.

**Respiratory protection**

Avoid breathing dust/fume/gas/mist/vapors/spray. Dust mask.

**General hygiene considerations**

Avoid contact with skin, eyes or clothing.

**9. Physical and chemical properties****Information on basic physical and chemical properties**

Physical state	Solid
Appearance	Powder
Color	White to off-white
Odor	Characteristic odor
Odor threshold	No information available

<b><u>Property</u></b>	<b><u>Values</u></b>	<b><u>Remarks • Method</u></b>
pH	No data available	None known
Melting point / freezing point	65 °C / 149 °F	
Boiling point / boiling range	285 °C / 545 °F	(101.3kPa)
Flash Point	> 93 °C / > 199 °F	CC (closed cup)
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		None known
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	0.000013Pa	(25°C)
Vapor Density	No data available	None known
Relative density	No data available	None known
Water solubility	No data available	(25°C)
solubility(ies)	No data available	None known
Partition coefficient	Log Kow (Log Pow) - 1.58	(25°C)
Autoignition Temperature	>400 °C / 752 °F	None known
Decomposition temperature		None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known

**Other information**

Explosive properties	No information available
Oxidizing properties	No information available

Softening point	No information available
Molecular weight	166.18
VOC content	No information available
Density	No information available
Bulk Density	No information available

## 10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

## 11. Toxicological information

### Information on likely routes of exposure

#### Product Information

Inhalation	Specific test data for the substance or mixture is not available.
Eye contact	Specific test data for the substance or mixture is not available. Causes eye irritation. May cause redness, itching, and pain.
Skin contact	Specific test data for the substance or mixture is not available.
Ingestion	May be harmful if swallowed.

### Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	May cause redness and tearing of the eyes.
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### Acute toxicity

#### Numerical measures of toxicity

#### Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Ethyl Vanillin 121-32-4	3000 mg/Kg	> 2000 mg/kg ( Rat )	-

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation	May cause skin irritation.
Serious eye damage/eye irritation	Classification based on data available for ingredients. Causes eye irritation.
Respiratory or skin sensitization	No information available.

Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	No information available.
Aspiration hazard	Not classified.
Other adverse effects	No information available.
Interactive effects	No information available.

## 12. Ecological information

Ecotoxicity	Harmful to aquatic life.
Persistence and degradability	Readily biodegradable.
Bioaccumulation	

### Component Information

Chemical name	Partition coefficient
Ethyl Vanillin 121-32-4	1.61

Other adverse effects	No information available.
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## 13. Disposal considerations

### Waste treatment methods

Waste from residues/unused products	Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.
Contaminated packaging	Do not reuse empty containers.

## 14. Transport Information

DOT	Not Regulated
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<u>IATA</u>	Not Regulated
<u>IMDG</u>	Not Regulated

## 15. Regulatory information

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### U.S. State Right-to-Know Regulations

This product does not contain any substances regulated by state right-to-know regulations

**EPA Pesticide registration number** Not applicable

## 16. Other information

<u>NFPA</u>	Health hazards - 1	Flammability 2	Instability -	Special hazards -
<u>HMIS</u>	Health hazards - 1	Flammability 2	Physical hazards -	Personal Protection -

### Key or legend to abbreviations and acronyms used in the safety data sheet

#### LEG8 SECTION 8: Exposure controls/personal protection

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

### Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 Environmental Protection Agency  
 Acute Exposure Guideline Level(s) (AEGL(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 National Institute of Technology and Evaluation (NITE)  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 U.S. National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications

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Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
Organization for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

**Revision date**

14-Aug-2024

**Revision note**

No information available.

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Classification and labeling according to the IFRA/IOFI Labeling Manual 2023.

**End of Safety Data Sheet**



**TILLEY**  
**DISTRIBUTION**