

SAFETY DATA SHEET

Vanesse Pure Vanillin

SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Substance
Product Name: Vanillin
CAS Number: 121-33-5
EC (EINECS) number: 204-465-2
Synonyms: Vanillin, Vanillaldehyde, Vanilla, 4-Hydroxy-3-methoxybenzaldehyde

1.2. Intended Use of the Product

Use of the Substance/ Mixture: Flavoring agent

1.3. Name, Address and Telephone of the Responsible party:

CAMLIN FINE SCIENCES LIMITED
 Plot NO. F/11 & F/12, WICEL, MIDC, Marol, Central Road, Opp. SEEPZ
 Main Gate, Andheri (East), Mumbai 400 093, INDIA
 +91 22 67001000

1.4. Emergency Telephone Number

Emergency Number: CHEMTREC
 800-424-9300

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US Classification Eye Irritation (Category 2) H319

2.2. Label Elements (GHS-US Labeling)

Hazard Pictograms (GHS-US):



Signal Word (GHS-US): Warning

Hazard Statements (GHS-US): H319 Causes serious eye irritation

Precautionary Statements (GHS-US):

P264: Wash ... thoroughly after handling.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337+P313: If eye irritation persists: Get medical advice/attention.

2.3. Other Hazards:

No additional information available

2.4. Unknown Acute Toxicity (GHS-US):

Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance	Product identifier	%	Classification (GHS-US)
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SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures

First-aid Measures After Inhalation: Remove casualty to fresh air and keep warm and at rest.

First-aid Measures After Skin Contact: Immediately take off all contaminated clothing. Remove contaminated clothing immediately and dispose off safely. After contact with skin, wash immediately with soap and plenty of water.

First-aid Measures After Eye Contact: After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Protect uninjured eye.

First-aid Measures After Ingestion: Give nothing to eat or drink.

4.2. Most Important Symptoms and Effects Both Acute and Delayed

Symptoms/Injuries: None

Symptoms/ Injuries After Inhalation: None

Symptoms/ Injuries After Skin Contact: None

Symptoms/ Injuries After Eye Contact: None

Symptoms/ Injuries After Ingestion: None

Chronic Symptoms: Not available

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment: none

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Water spray, carbon dioxide or Dry chemical fire extinguisher.

Unsuitable Extinguishing Media: No unsuitable extinguishing media known.

5.2. Special Hazards Arising from the Substance or Mixture

Fire Hazard: The product is not combustible.

Explosion Hazard: Do not inhale explosion and combustion gases.

Reactivity: Not available

5.3. Advice for Firefighters

Firefighting Instructions: Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

6.1.1. For Non-Emergency Personnel

Protective Equipment: Wear personal protection equipment.
Remove persons to safety.

See protective measures under point 7 and 8.

6.2. Environmental Precautions:

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

6.3. Methods and Materials for Containment and Cleaning Up

Wash with plenty of water.

6.4. Reference to Other Sections:

See handling Section 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: No data available.

Precautions for Safe Handling: Avoid contact with skin and eyes, inhalation of vapours and mists.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

Keep away from food, drink and feed.

Incompatible materials:

None in particular. See, too, paragraph 10.

Instructions as regards storage premises:

Adequately ventilated premises and complete of eyewash fountain and emergency shower. Dispose on suitable floors and provided of spillage basins.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

7.3. Specific End Use (s)

None in particular.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters

Vanillin (121-33-5) ACGIH: Not applicable
OSHA: Not applicable
DNEL Exposure Limit Values: Not applicable
PNEC Exposure Limit Values: Not applicable

8.2. Exposure Controls

Personnel Protective Equipment: As appropriate to the situation and quantity handled.

Materials for Protective Clothing: Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Hand Protection:	Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.
Eye Protection:	Use close fitting safety goggles, don't use eye lens. Dust respirator conforming to P3 (EN143) or EN149, if dusts are generated.
Skin and Body Protection:	Use clothing that provides comprehensive protection to the skin. e.g. cotton, rubber, PVC or viton.
Respiratory Protection:	Not needed for normal use.
Environmental Exposure Controls:	Use appropriate containment. Do not allow product to enter water supplies, wastewater or soil.
Other Information:	When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

Appearance and color:	Solid, white to slightly yellowish crystals
Odor:	Pleasant aromatic vanilla odor
Odor Threshold:	Not available
pH:	Not available
Evaporation Rate:	Negligible
Melting Point:	81 - 83°C
Freezing Point:	Not applicable
Boiling Point:	285°C (545°F)
Flash Point (Cleveland open cup):	153°C (307°F) closed cup
Auto-ignition Temperature:	400°C (752°F)
Decomposition Temperature:	Not available
Flammability (solid, gas):	Not available
Vapor Pressure:	Negligible
Relative Vapor Density at 20°C:	Not applicable
Relative Density (water=1):	1,056 at 20°C (68°F)
Solubility in Water:	10 g/L
Partition Coefficient: N-Octanol/Water:	Not applicable
Viscosity at 77°F/25°C (cP):	Not available

9.2. Other Information No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity:	Stable under normal conditions
10.2. Chemical Stability:	Stable under normal conditions
10.3. Possibility of Hazardous Reactions:	None
10.4. Conditions to Avoid:	Stable under normal conditions
10.5. Incompatible Materials:	Oxidizing products and moisture
10.6. Hazardous Decomposition Products:	None

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects

Acute Toxicity:	Oral: Harmful if swallowed.
Oral LD50 (Rat):	<5000 mg/kg
Dermal LD50 (Rat):	>2000 mg/kg
Skin Corrosion/Irritation:	Non-irritant. May cause allergic eczema in already sensitized persons. May cause allergic skin reaction.
Serious Eye Damage/Irritation:	Irritating to the eyes
Respiratory or Skin Sensitization:	No data available
Germ Cell Mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive Toxicity:	No data available
Specific Target Organ Toxicity (Single Exposure)	No data available
Specific Organ Toxicity (Repeated Exposure):	No data available
Aspiration Hazard:	No data available
Other Toxicological Information:	Level for non-observed effect (NOEL); 2500 mg/kg/day tested on rats (repeated oral doses)
Acceptable Daily Intake (ADI) for humans:	Intended for 0 – 10 mg/kg/day (Joint FAO/WHO Expert Committee on Food Additives)

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Ecology- General: Adopt good working practices, so that the product is not released into the environment.
 Toxicity to fish semi-static test LC50 - Pimephales promelas (fathead minnow) - 57 mg/l - 96 h
 static test LC50 - Pimephales promelas (fathead minnow) - 88 mg/l - 96 h
 flow-through test LC50 - Pimephales promelas (fathead minnow) - 53 - 61,3 mg/l - 96 h

12.2. Persistence and Degradability: No data available

12.3. Bioaccumulative Potential: No data available

12.4. Mobility in Soil: No data available

12.5. Other Adverse Effects: No data available

Other Information: PBT and vPvB assessment: no data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Recover if possible. In doing so, comply with the local and national regulations currently in force.

Additional Information: Hazardous waste according to Directive 2008/98/EC

Ecology- Waste Materials: Avoid release to the environment

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT: In accordance with DOT. Not regulated for transport

14.2. In Accordance with IMDG: Not dangerous goods

14.3. In Accordance with IATA: Not dangerous goods

ADR: Not dangerous goods
Transport by sea: No additional information available
Air transport: No additional information available

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

United States: Vanillin (121-33-5)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
SARA Section 311/312 Hazard Classes: Acute health hazard
SARA Section 313- Emission Reporting: This material does not contain any chemical components with known CAS no. that exceed the threshold id (De minimis) reporting levels established by SARA section 313

15.2. US State Regulations

15.3. International Regulations

Canada: No additional information available
EU-Regulations: No additional information available
Classification according to Regulation (EC) No. 1272/2008 [CLP]: Eye Irrit. 2 H319
Full test of H-phrases: see section 16
Classification according to Directive 68/548/EEC [DCD] or 1999/45/EC [DPD]: Xi; R36
Full text of R-phrases: see section 16
National regulations: No additional information available

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Other Information: None
Revision Date: 07/09/2020
Issue Date: 09/15/2011