SAFETY DATA SHEET

Vanillin (Natural) 10% in Alcohol

Mixture: 10% vanillin / 90% ethyl alcohol

1. IDENTIFICATION

Product identifier	Vanillin (Natural) 10% in Alcohol
Use	Fragrance ingredient
Distributor	Veriscents | veriscents.com
Emergency contact	For medical exposure: U.S. Poison Help 1-800-222-1222. For fire, spill or transportation incidents, contact the emergency responder listed on the shipment documentation.

2. HAZARDS IDENTIFICATION

Classification	Flammable liquid Category 2; Eye irritation Category 2A
Signal word	DANGER
Hazard statements	H225: Highly flammable liquid and vapor. H319: Causes serious eye irritation.
Precautions	Keep away from heat, sparks, open flames and hot surfaces. Keep container tightly closed. Ground and bond equipment. Use explosion-proof equipment and non-sparking tools. Prevent static discharge. Wear protective gloves and eye/face protection. Store cool in a well-ventilated area.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ethyl alcohol	CAS 64-17-5 | 90.00%
Vanillin	CAS 121-33-5 | 10.00%

4. FIRST-AID MEASURES

Inhalation	Move to fresh air; keep at rest and obtain medical attention.
Eyes	Rinse cautiously with water for several minutes. Remove contact lenses if easy to do. Continue rinsing; seek medical advice if irritation persists.
Skin	Remove contaminated clothing immediately. Rinse affected skin with water/shower.
Ingestion	Rinse mouth with water and obtain medical attention.
Principal effects	Causes serious eye irritation.

5. FIREFIGHTING MEASURES

Suitable extinguishing media	Carbon dioxide, dry chemical, foam.
Hazardous combustion products	Carbon monoxide and unidentified organic compounds.
Firefighter protection	Wear suitable respiratory equipment when ventilation is insufficient.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid inhalation and contact with skin and eyes. Eliminate ignition sources; ventilate area.
Environmental precautions	Keep out of drains, soil, surface and groundwater.
Cleanup	Contain with sand or inert absorbent and dispose of according to applicable regulations.

7. HANDLING AND STORAGE

Handling	Keep away from ignition sources. No smoking. Use good industrial hygiene practices.
Storage	Keep tightly closed, cool and well ventilated. Ground/bond containers; use explosion-proof electrical and ventilation equipment, non-sparking tools and static discharge precautions.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace exposure limits	Source document: Not applicable.
PPE	Protective gloves and eye/face protection.
Engineering controls	Use adequate ventilation; for elevated exposure use local exhaust, closed transfer systems, or appropriately fitted organic-vapor respiratory protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Flash point	Below 23 °C
Appearance, odor, pH, boiling point, vapor pressure, density, solubility, viscosity	Not determined in supplied SDS.
Explosive/oxidizing properties	Not expected; source indicates product does not present an explosion hazard.

10. STABILITY AND REACTIVITY

Reactivity	No significant reactivity hazard expected with water.
Stability	Stable under normal storage conditions.
Hazardous reactions	Not expected in normal use.
Avoid	Extreme heat; strong acids, alkalis and oxidizing agents.
Hazardous decomposition	Not expected under normal conditions.

11. TOXICOLOGICAL INFORMATION

Mixture assessment	The supplied SDS states the mixture was not tested as a whole; classification was calculated under UN GHS.
Acute oral toxicity estimate	5000 mg/kg (source-reported mixture value).
Eye irritation	Category 2; serious eye irritation.
Vanillin oral LD50/ATE	3500 mg/kg (source-reported ingredient value).
Other endpoints	Source states available data do not meet classification criteria for the other listed toxicological endpoints.

12. ECOLOGICAL INFORMATION

Toxicity, persistence/degradability, bioaccumulation, soil mobility, other adverse effects	Not available in supplied SDS.

13. DISPOSAL CONSIDERATIONS

Disposal	Do not discharge to drains or environment. Dispose of contents and containers according to applicable regulations; use approved waste handlers.

14. TRANSPORT INFORMATION

UN number	UN 1197
Proper shipping name	EXTRACTS, LIQUID
Transport hazard class	3
Packing group	II
Modes	IATA, IMDG, ADR/RID/ADN and ICAO TI as stated in supplied SDS.
Environmental hazards	Not environmentally hazardous for transport, per source.

15. REGULATORY INFORMATION

Specific additional regulatory information	None supplied in source SDS.

16. OTHER INFORMATION

Veriscents document date	14 October 2026
Source SDS issue date	12 September 2024
Document version	1.0
Scope	Safety data for the 10% vanillin / 90% ethyl alcohol mixture; not for neat vanillin crystals.