

# **Safety Data Sheet**

Printing date: 18/01/2025

### 1 Identification

· Product identifier

Trade name: Vanilla Oıl
Product Name: Vanilla Extract

CAS Number: 8024-06-4

Synonyms: Vanilla planifolia extract

Recommended use: Flavoring, fragrance, skincare, aromatherapy

Restrictions on use: For professional/industrial use only. Not for undiluted ingestion. Manufacturer: TERASUS LLC, 30 N Gould St Ste 44273, Sheridan, WY 82801, USA

Contact: cng.terasus@gmail.com | www.terasus.us

## 2 Hazard(s) identification

### **GHS** Classification:

- Flammable liquid, Category 3 (H226)
- Acute toxicity (oral), Category 4 (H302)
- Skin irritation, Category 2 (H315)
- Skin sensitization, Category 1 (H317)
- Aspiration hazard, Category 1 (H304)

<b>■</b> Flame	■■ Exclamation Mark	■■ Health Hazard
_ · · · · · · · · · · · · · · · · · · ·	zxolamation mant	- I loakii i lazara

Signal Word: Danger Hazard Statements:

- H226: Flammable liquid and vapor
- H302: Harmful if swallowed
- H315: Causes skin irritation
- H317: May cause an allergic skin reaction
- H304: May be fatal if swallowed and enters airways



## 3 Composition/information on ingredients

INGREDIENTS	CAS NO	PROPORTION %
Benzyl benzoate	120-51-4	14
Isopropyl myristate	110-27-0	4
Vanillin	121-33-5	1
Water	7732-18-5	80
Solubilizer	61788-85-0	1

Substance: Product: Vanilla Extract

CAS Number: 8024-06-4

Concentration: Concentration: 100% (This mixture as a whole)

## 4. First Aid Measures

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

Skin contact: Wash thoroughly with soap and water. Remove contaminated clothing. Eye contact: Rinse cautiously with water for several minutes. Remove contact lenses.

Ingestion: Do not induce vomiting. Rinse mouth. Immediately call a doctor.

Most important symptoms: Irritation, nausea, allergic skin reaction.



### 5 Fire-fighting measures

Suitable extinguishing media: Foam, CO■, dry powder, water spray.

Flash Point: 59 °C (138 °F)

Protective equipment: Self-contained breathing apparatus.

### 6 Accidental release measures

Personal precautions: Ensure adequate ventilation. Remove ignition sources. Environmental precautions: Prevent product from entering drains or waterways.

Methods for cleaning up: Absorb with inert absorbent material. Dispose according to regulations.

## 7. Handling and Storage

Handling: Avoid contact with eyes and skin. Keep away from ignition sources. Storage: Keep container tightly closed. Store in a cool, dry, well-ventilated place.

# 8. Exposure Controls/Personal Protection

Engineering controls: Provide adequate ventilation.

Personal Protective Equipment: Gloves, safety glasses, protective clothing.

Exposure limits: Not determined.

#### **Breathing equipment:**

Not required under normal conditions of use.

Use suitable respiratory protective device when aerosol or mist is formed.

#### Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

### Material of gloves

Nitrile rubber, NBR Butyl rubber, BR Neoprene gloves Natural rubber, NR

Fluorocarbon rubber (Viton)

### Eye protection:



Safety glasses

Follow relevant national guidelines concerning the use of protective eyewear.

Body protection: Protective work clothing

Limitation and supervision of exposure into the environment No special requirements.

**Risk management measures** No special requirements.

3



# 9. Physical and Chemical Properties

Appearance: Pale yellow to colorless liquid

Odor: Characteristic vanilla aroma Boiling Point: Not determined

Flash Point: 59 °C

Solubility: Miscible with water, soluble in alcohol/oils

# 10. Stability and Reactivity

Stable under normal conditions.

Conditions to avoid: Heat, flames, sparks. Incompatible

materials: Strong oxidizing agents. Hazardous

decomposition: CO and CO2

Chemical stability: Stable under normal temperatures and pressures.

Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.

Possibility of hazardous reactions

Flammable liquid and vapor.

Reacts with oxidizing agents.

Empty containers may contein residue. Handle with care. if heated above flash point and/or when sprayed or atomized. May release irritating fumes if overheated.

### Hazardous decomposition products

Under fire conditions only:

Carbon monoxide and cárbon dioxide



## 11 Toxicological information

· Information on toxicological effects

LD/LC50 values that are relevant for classification:

Oral LD50 not determined

· Primary irritant effect:

On the skin: Irritant to skin and mucous membranes.

On the eye: Based on available data, the classification criteria are not met

Sensitization: Sensitization possible through skin contact.

### IARC (International Agency for Research on Cancer):

Substance is not listed.

· NTP (National Toxicology Program):

Substance is not listed.

### OSHA-Ca (Occupational Safety & Health Administration):

Substance is not listed.

· Probable route(s) of exposure:

Ingestion.

Inhalation.

Eye contact.

Skin contact.

- Germ cell mutagenicity: Based on available data, the classification criteria are not met.
- \* Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- STOT-single exposure: Based on available data, the classification criteria are not met.
- STOT-repeated exposure: Based on available data, the classification criteria are not met.
- · Aspiration hazard: May be fatal if swallowed and enters airways.



## 12 Ecological information

- · Toxicity
- · Aquatic toxicity Harmful to aquatic life.
- Persistence and degradability Biodegradable.

Bioaccumulative potential: No relevant information available.

- Mobility in soil: No relevant information available.
- Additional ecological information
- General notes:

Do not allow product to reach ground water, water course or sewage system. Due to available data on eliminability/decomposition and bioaccumulation potential. May cause long-term effects in the aquatic environment.

- Results of PBT and vPvB assessment
- . PBT: Not applicable.
- . vPvB: Not applicable.
- . Other adverse effects No relevant information available.

### 13 Disposal considerations

### Waste treatment methods

#### · Recommendation:

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

- Uncleaned packaging
- · Recommendation: Disposal must be made according to official regulations.





Limited Quantity for packages less than 30 kg gross and inner packaging less than 5 L each.

Marine pollutants packaged in single or combination packagings containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to provisions relevant to marine pollutants. (See 5.2.1.8.1)

#### **IMDG**



Limited Quantity for packages less than 30 kg gross and inner packaging less than 5 L each.

Marine pollutants packaged in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 kg or less for solids are not subject to provisions relevant to marine pollutants. (See 2.10.2.7)

· IATA



Limited Quantity for packages less than 30 kg gross and inner packagings less than 2.5 L each / 10 L net.

### 14 Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

United States (USA) SARA

· Section 302 (extremely hazardous substances):

Substance is not listed.

Section 355 (extremely hazardous substances):

Substance is not listed.

Section 313 (Specific toxic chemical listings):

Substance is not listed.

TSCA (Toxic Substances Control Act)

Substance is listed.

**Proposition 65 (California)** 

Chemicals known to cause cancer:

Substance is not listed.

· Chemicals known to cause developmental toxicity for females:

Substance is not listed.

Chemicals known to cause developmental toxicity for males:



# 15. Regulatory Information

OSHA: Classified as hazardous under Hazard Communication Standard (29 CFR 1910.1200)

TSCA: Listed REACH: Complies

California Proposition 65: Not listed

## 16. Other Information

Prepared: 18/01/2025

This SDS complies with OSHA, GHS and EU CLP standards. Information is believed to be accurate but is not exhaustive.