

Palette Naturals®

SAFETY DATA SHEET (In accordance with 29 CFR 1910.1200)

Vanilla

Safety Data Sheet prepared: 3/29/2022

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: Vanilla

Recommended use of the chemical and restrictions on use

Recommended use: Fragrance

Restrictions on use: Not for ingestion

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company: Palette Naturals®

Phone: (503)860-3112

e-mail contact: info@palettenaturals.com

Emergency telephone number

CHEMTREC 1800-424-9300 (USA), 1703-527-3887(OUTSIDE USA)

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

Aquatic Acute 3 Harmful to aquatic life

Label elements

Hazard statements

H402 Harmful to aquatic life

Precautionary statements

P273 Avoid release to the environment.

P501 Dispose of contents/container in compliance with all regulations

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Data not available

Mixtures

The composition of this proprietary blend is being withheld in compliance with the trade secret provisions of The Hazard Communication Standard (29 CFR 1910.1200(i)).

List of components

Qty	Name	Ident. Numb.	Classification	Registration Number
5-10 %	Vanillin	CAS:121-33-5 EC:204-465-2	Eye Irrit. 2A, H319; Aquatic Acute 3, H402	01-2119516040-60/-3,
1-5 %	Benzyl benzoate	CAS:120-51-4 EC:204-402-9 Index:607-085-00-9	Acute Tox. 4, H302; Aquatic Acute 1, H400; Aquatic Chronic 2, H411	01-2119976371-33/-

4. FIRST AID MEASURES

Description of first aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and/or label.

In case of Inhalation:

Remove person to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

Data not available

Indication of any immediate medical attention and special treatment needed

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO₂).

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: Data not available

Explosive properties: Data not available

Oxidizing properties: Data not available

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing media separately. This must not be discharged into drains.

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

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

Methods and material for containment and cleaning up

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

Wash with plenty of water.

7. HANDLING AND STORAGE

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.

Conditions for safe storage, including any incompatibilities

Storage temperature:

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

No Data Available

Appropriate engineering controls: Data not available

Individual protection measures

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.

Respiratory protection:

Data not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid

Appearance and colour: Yellow

Odour: Conform

Odour threshold: Data not available

pH: Data not available

Melting point / freezing point: Data not available

Initial boiling point and boiling range: Data not available

Flash point: > 93°C / 200°F

Evaporation rate: Data not available

Upper/lower flammability or explosive limits: Data not available

Vapour density: Data not available

Vapor Pressure (mm Hg @20°C): = 0.010

Relative density: 1.149 g/ml

Solubility in water: Data not available

Solubility in oil: Data not available

Partition coefficient (n-octanol/water): Data not available

Auto-ignition temperature: Data not available

Decomposition temperature: Data not available

Viscosity: Data not available

Explosive properties: Data not available

Oxidizing properties: Data not available

Solid/gas flammability: Data not available

Specific Gravity @20°C = 1.151

Refractive Index @20°C = 1.460

VOC (CARB method 310) %: 1.200

Other information

Substance Groups relevant properties Data not available

Miscibility: Data not available

Fat Solubility: Data not available

Conductivity: Data not available

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Data not Available.

Possibility of hazardous reactions

None.

Conditions to avoid

Stable under normal conditions.

Incompatible materials

None in particular.

Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological Information of the Preparation

- | | |
|----------------------------------|--|
| a) acute toxicity | not classified |
| | Based on available data, the classification criteria are not met |
| b) skin corrosion/irritation | not classified |
| | Based on available data, the classification criteria are not met |
| c) serious eye damage/irritation | not classified |
| | Based on available data, the classification criteria are not met |

d) respiratory or skin sensitisation	not classified	Based on available data, the classification criteria are not met
e) germ cell mutagenicity	not classified	Based on available data, the classification criteria are not met
f) carcinogenicity	not classified	Based on available data, the classification criteria are not met
g) reproductive toxicity	not classified	Based on available data, the classification criteria are not met
h) STOT-single exposure	not classified	Based on available data, the classification criteria are not met
i) STOT-repeated exposure	not classified	Based on available data, the classification criteria are not met
j) aspiration hazard	not classified	Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

Vanillin	a) acute toxicity	LD50 Oral Rat = 3500 mg/kg LD50 Skin Rabbit > 5010 mg/kg
Benzyl benzoate	a) acute toxicity	LD50 Oral Rat = 1500 mg/kg LD50 Skin Rabbit = 4000 mg/kg LD50 Skin Rat = 4000 mg/kg

Substance(s) listed on the IARC Monographs:

None

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None

Substance(s) listed on the NTP report on Carcinogens:

None

12. ECOLOGICAL INFORMATION

Toxicity

No ecological studies have been conducted on this mixture.

Eco-Toxicological Information:

List of Eco-Toxicological properties of the product

The product is classified: Aquatic Acute 3(H402)

List of Eco-Toxicological properties of the components

Component	Ident. Numb.	Ecotox Data
Vanillin	CAS: 121-33-5 - INDEX: 204-465-2	EC50 Daphnia Daphnia magna = 180 mg/L 24 Hr
		LC50 Fish Pimephales promelas = 53 mg/L 96 Hr - flow-through 53-61.3

Persistence and degradability

Data not available

Bioaccumulative potential

Data not available

Mobility in soil

Data not available

Other adverse effects

Data not available

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

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

14. TRANSPORT INFORMATION

UN number

ADR-UN number: N/A
DOT-UN Number: N/A
IATA-Un number: N/A
IMDG-Un number: N/A

UN proper shipping name

ADR-Shipping Name: N/A
DOT Proper Shipping Name: N/A
IATA-Technical name: N/A
IMDG Technical Name: N/A

Transport hazard class(es)

ADR-Class: N/A
DOT Hazard Class: N/A
IATA-Class: N/A
IMDG-Class: N/A

Packing group

ADR-Packing Group: N/A
ADR exempt: N/A
IATA-Packing group: N/A
IMDG-Packing group: N/A

Environmental hazards

Marine pollutant: No

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Data not available

Special precautions

IATA-Subsidiary hazards:

IMDG-Subsidiary hazards:

*Note: In containers of 119 gallons or less, this product is not regulated by D.O.T. - Ground Transportation

15. REGULATORY INFORMATION

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:

no substances listed

16. OTHER INFORMATION

Safety Data Sheet prepared: 3/29/2022

The information contained in this SDS was obtained from current and reputable sources available at the time of generation. This information is provided as guidance regarding the health and safety assessment of the material for safe handling, use, processing, storage, transportation, disposal and release and without any warranty, expressed or implied regarding its accuracy. It is the user's responsibility to assess safe conditions of use of the material in combination with any other material or in any process.

Additional classification information

This SDS cancels and supercedes any prior release.



HMIS Health: 0 = Minimal Hazard

HMIS Flammability: 1 = Combustible if heated

HMIS Reactivity: 0 = Minimal Hazard

HMIS P.P.E.: Safety glasses, gloves

NFPA Health: 0 = MINIMAL

NFPA Flammability: 1 = Combustible if heated

NFPA Reactivity: 0 = MINIMAL

NFPA Special Risk: NONE
OSHA Flammability: Flammable liquid - Class IB