

Palette Naturals[®]

SAFETY DATA SHEET (In accordance with 29 CFR 1910.1200)

Warm Spice B

Safety Data Sheet prepared: 4/20/2022

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: Warm Spice B

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

Flam. Liq. 3	Flammable liquid and vapour.
Eye Irrit. 2A	Causes serious eye irritation.
Skin Sens. 1A	May cause an allergic skin reaction.
STOT RE 1	Causes damage to organs through prolonged or repeated exposure .
Aquatic Acute 3	Harmful to aquatic life
Aquatic Chronic 3	Harmful to aquatic life with long lasting effects.

Label elements

Pictograms and Signal Words



Danger

Hazard statements

H226	Flammable liquid and vapour.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H372	Causes damage to organs through prolonged or repeated exposure .
H402	Harmful to aquatic life
H412	Harmful to aquatic life with long lasting effects.

Precautionary statements

P210	Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P270	Do not eat, drink or smoke when using this product.

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water/...
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314	Get medical advice/attention if you feel unwell.

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
1-5 %	Eugenol	CAS:97-53-0 EC:202-589-1	Eye Irrit. 2A, H319; Skin Sens. 1B, H317; Aquatic Acute 2, H401	01-2119971802-33 / -
1-5 %	Ethyl alcohol	CAS:64-17-5 EC:200-578-6 Index:603-002-00-5	Flam. Liq. 2, H225; Eye Irrit. 2A, H319	01-2119457610-43 / -
1-5 %	Benzoic acid	CAS:65-85-0 EC:200-618-2 Index:607-705-00-8	Eye Dam. 1, H318; Aquatic Acute 3, H402; Skin Irrit. 2, H315; STOT RE 1, H372	01-2119455536-33/-
0.1-1 %	Isoeugenol	CAS:97-54-1 EC:202-590-7 Index:604-094-00-X	Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Skin Sens. 1A, H317; Aquatic Acute 2, H401; Acute Tox. 4, H332; STOT SE 3, H335	01-2120223682-61/-

4. FIRST AID MEASURES

Description of first aid measures

In case of 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.

In case of eyes 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.

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

Eye irritation

Eye damages

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).

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable extinguishing media:

- CO2 or Dry chemical fire extinguisher.

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 all sources of ignition.

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:

Store at below 20 °C. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Community Occupational Exposure Limits (OEL)

Component	OEL Type	Country	Ceiling	Long Term mg/m ³	Long Term ppm	Short Term mg/m ³	Short Term ppm	Behaviour	Notes
Ethyl alcohol	OSHA					1900	1000		
	MAK					960	500		
	ACGIH				1000				

Appropriate engineering controls: Data not available

Individual protection measures

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use adequate protective respiratory equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid

Appearance and colour: Yellow to ochre

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: 48.3 °C (119 °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): = 0.031
Relative density: 1.107 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 = 1.109
Refractive Index @20°C = 1.455
VOC (CARB method 310) %: 1.500

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

Avoid contact with combustible materials. The product could catch fire.

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	The product is classified: Eye Irrit. 2A(H319)
d) respiratory or skin sensitisation	The product is classified: Skin Sens. 1A(H317)
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	The product is classified: STOT RE 1(H372)
j) aspiration hazard	not classified Based on available data, the classification criteria are not met

Toxicological information on main components of the mixture:

Eugenol	a) acute toxicity	ATE Oral Rat = 2500 mg/kg LD50 Oral Rat = 1930 mg/kg	
Ethyl alcohol	a) acute toxicity	LD50 Oral Rat = 7060 mg/kg LC50 Inhalation Rat = 124.7 mg/l 4h	
Benzoic acid	a) acute toxicity	LD50 Oral Rat = 2565 mg/kg LC50 Inhalation Rat > 12.2 mg/l 4h LC50 Inhalation Rat > 26 mg/m3 1h	no deaths occurred, dust
Isoeugenol	a) acute toxicity	ATE Oral Rat = 1500 mg/kg ATE Inhalation Rat = 1.5 mg/l LD50 Oral Rat = 1560 mg/kg LD50 Skin Rat = 1912 mg/kg	vapor

Substance(s) listed on the IARC Monographs:

Ethyl alcohol

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

Ethyl alcohol

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), Aquatic Chronic 3(H412)

List of Eco-Toxicological properties of the components

Component	Ident. Numb.	Ecotox Data
Ethyl alcohol	CAS: 64-17-5 - EINECS: 603-002-00-5 - INDEX: 200-578-6	EC50 Daphnia Daphnia magna = 10800 mg/L 24 Hr EC50 Daphnia Daphnia magna = 2 mg/L 48 Hr - Static LC50 Daphnia Daphnia magna = 9268 mg/L 48 Hr - 9268 - 14221 LC50 Worm Eisenia foetida = 0.1 MGCM 48 Hr - filter paper 0.1 - 1 LC50 Fish Oncorhynchus mykiss = 12.0 mL/L 96 Hr - static 12.0 - 16.0 LC50 Fish Pimephales promelas = 13400 mg/L 96 Hr - flow-through 13400 - 15100 LC50 Fish Pimephales promelas > 100 mg/L 96 Hr - static
Benzoic acid	CAS: 65-85-0 - EINECS: 607-705-00-8 - INDEX: 200-618-2	EC50 Daphnia Daphnia magna = 300 mg/L 24 Hr EC50 Algae Anabaena inaequalis = 5 mg/L 3 Hr EC50 Daphnia Daphnia magna = 860 mg/L 48 Hr - Static LC50 Fish Gambusia affinis = 180 mg/L 96 Hr

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. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN number

ADR-UN number: 1169

DOT-UN Number: N/A

IATA-Un number: 1169

IMDG-Un number: 1169

UN proper shipping name

ADR-Shipping Name: EXTRACTS, AROMATIC, LIQUID

DOT Proper Shipping Name: N/A

IATA-Technical name: EXTRACTS, AROMATIC, LIQUID

IMDG Technical Name: EXTRACTS, AROMATIC, LIQUID

Transport hazard class(es)

ADR-Class: 3

DOT Hazard Class: N/A

IATA-Class: 3

IMDG-Class: 3

Packing group

ADR-Packing Group: III

ADR exempt: N/A

IATA-Packing group: III

IMDG-Packing group: III

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

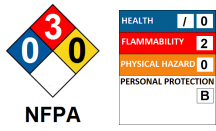
16. OTHER INFORMATION

Safety Data Sheet prepared: 4/20/2022

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: 2 = Combustible liquid

HMIS Reactivity: 0 = Minimal Hazard

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

NFPA Health: 0 = MINIMAL

NFPA Flammability: 3 = Flammable liquid

NFPA Reactivity: 0 = MINIMAL

NFPA Special Risk: NONE

OSHA Flammability: Combustible liquid - Class II