

SAFETY DATA SHEET (In accordance with 29 CFR 1910.1200)

PATCHOULI

Safety Data Sheet prepared: 3/31/2023

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: PATCHOULI

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

Asp. Tox. 1 May be fatal if swallowed and enters airways.

Aquatic Acute 2 Toxic to aquatic life

Aquatic Chronic 2 Toxic to aquatic life with long lasting effects.

Label elements

Pictograms and Signal Words



Danger

Hazard statements

H304 May be fatal if swallowed and enters airways.

H401 Toxic to aquatic life

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P331 Do NOT induce vomiting.

P405 Store locked up.

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 %	Patchouli alcohol	CAS:5986-55-0 EC:227-807-2	Aquatic Acute 2, H401; Aquatic Chronic 2, H411	01-2119967775-18/-
1-5 %	α -Bulnesene	CAS:3691-11-0	Skin Irrit. 2, H315; Eye Irrit. 2A, H319; Asp. Tox. 1, H304	
1-5 %	alpha-Guaiene	CAS:3691-12-1	Asp. Tox. 1, H304; Skin Irrit. 2, H315; Eye Irrit. 2A, H319	
0.1-1 %	alpha-Cedrene	CAS:469-61-4 EC:207-418-4	Asp. Tox. 1, H304; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315, M-Chronic:10, M-Acute:10	exempted

4. FIRST AID MEASURES

Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

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

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:

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:

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:

Data not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State Liquid

Appearance and colour: Yellow to bright 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): = 0.012

Relative density: 1.091 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 = 1.093

Refractive Index @20°C = 1.459

VOC (CARB method 310) %: 0.530

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	The product is classified: Asp. Tox. 1(H304)

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 2(H401), Aquatic Chronic 2(H411)

List of Eco-Toxicological properties of the components

Component	Ident. Numb.	Ecotox Data
alpha-Cedrene	CAS: 469-61-4 - INDEX: 207-418-4	EC50 Daphnia 0.04400 mg/L 48 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: 3082

DOT-UN Number: N/A

IATA-Un number: 3082

IMDG-Un number: 3082

UN proper shipping name

ADR-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Patchouli alcohol - alpha-Cedrene)

DOT Proper Shipping Name: N/A

IATA-Technical name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Patchouli alcohol - alpha-Cedrene)

IMDG Technical Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Patchouli alcohol - alpha-Cedrene)

Transport hazard class(es)

ADR-Class: 9

DOT Hazard Class: N/A

IATA-Class: 9

IMDG-Class: 9

Packing group

ADR-Packing Group: III

ADR exempt: N/A

IATA-Packing group: III

IMDG-Packing group: III

Environmental hazards

Marine pollutant: Yes

Toxic Component most present: PATCHOULI ALCOHOL

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

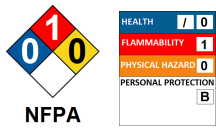
16. OTHER INFORMATION

Safety Data Sheet prepared: 3/31/2023

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