



Safety Data Sheet

Section 1: Identification

Product name: Vetiver Essential Oil

Botanical name: Vetiveria zizanioides

Synonyms: Chrysopogon zizanioides

INCI name: Vetiveria zizanioides (Vetiver) Root Oil

EINECS #: 282-490-8

CAS #: 8016-96-4

Product use: Domestic and Industrial

Company: Soapgoods Inc

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Emergency Phone: Chemtrec: 1-800-424-9300

Recommended Use: Personal Care

Section 2: Hazard(s) Identification

Emergency Overview

WHMIS Classification

Cautions: As with all essential oils, they should not be used during pregnancy and never ingested

GHS Classification

GHS Label elements, including precautionary statements

Signal: Warning Hazard statement(s) Precautionary statement(s)

HMIS Classification & Potential Health Effects

Section 3: Composition/Information on Ingredients

Product Name	CAS NO	EC NO	Concentration
Vetiverol		45 – 50 %	α -Vetivol
	8.0 – 12 % β -Vetivenene		
	8.0 – 12 % γ -Vetivenene		
	8.0 – 12 % α -Vetivone		

3.0 – 6.0 β -Vetivone

1.0 – 6.0 % 368

Section 4: First-Aid Measures

Eye contact Contact with eyes can produce burning sensation. Irrigate with water immediately, continue flushing eyes with water for 15 minutes. Seek medical attention if irritation persists.

Skin contact Skin contact can produce irritation itching. Remove contaminated clothing. Wash with soap and plenty of water. Seek medical attention if irritation persists.

Inhalation Remove to fresh air. Give oxygen if breathing is labored and seek medical advice. Avoid casual breathing. Signs of over exposure are dizziness and nausea.

Ingestion Rinse mouth; dilute with milk or water and consult a physician immediately. Do not induce vomiting. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness, or is convulsing.

Section 5: Fire-Fighting Measures

Suitable extinguishing media Carbon Dioxide, dry chemical or foam. Closed containers may build up pressure at elevated temperature

Special protective equipment and Precautions for fire-fighters Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving essential oils or chemicals.

Special hazards arising from the substance, combustion products or None identified.

Resulting gases Carbon Monoxide, Carbon Dioxide

Section 6: Accidental Release Measures

Personal Precautions, protective equipment and emergency procedures.

Use of self-contained breathing apparatus is recommended for any major chemical spill. Refer also to section 8. Eliminate all ignition sources. Ventilate area. Determine the need to evacuate or isolate the area according to your local emergency plan.

Environmental Precautions

Keep away from drains, surface and ground water. Report spills to appropriate authorities if required.

Methods and materials for containment and cleaning up

Contain and collect with inert absorbent material and place in suitable container for disposal. Comply with all federal, state, and local regulation. Wipe small spills with cloth. Clean with hot water and detergent.

Section 7: Handling and Storage

Precautions for safe handling Avoid inhalation and contact with skin and eyes. Good personal hygiene practices should be used. Wash after any contact, before breaks and meals, and at the end of the work period. Contaminated clothing and shoes should be cleaned before re-use.

Conditions for safe storage, including any incompatibilities

Containers should be kept closed in order to minimize contamination. Store in a cool, dry, well ventilated place protected from light. Keep away from extreme heat and from freezing conditions and away from all sources of ignition. Make sure the material does not come into contact with substances listed as 'Materials to Avoid'.

Section 8: Exposure Controls/Personal Protection

Eyes

The use of safety glasses is recommended. If a material is to be handled in a manner where splashing may occur, the use of splash goggles or face shield is recommended

Skin Using chemical resistant gloves and clothing is recommended.

Respiratory In well ventilated areas, respiratory protection is not normally required. In confined, poorly ventilated areas the use of NIOSH approved respiratory protection normally required (use only if trained in proper use and with acceptable oxygen level).

Control parameters

An eyewash fountain and/or safety shower should be available in the work area. Acceptable industrial hygiene practices should be maintained. These Precautions are for room temperature handling. Use at elevated temperatures or aerosol spray applications may require additional Precautions.

Section 9: Physical and Chemical Properties

Appearance: Brown to reddish brown viscous liquid.

Odor: Characteristic sweet, woody, herbaceous odor.

Relative density: 0.975 – 1.035 @ 20°C

Solubility (ies): Soluble in alcohol and oils. Insoluble in water.

Refractive index: 1.520 – 1.528 @ 20°C

Optional rotation: +14 – +45 @ 20°C 10.

STABILITY AND REACTIVITY

Chemical stability Chemically stable. This material presents no significant reactivity hazard.

Possibility of hazardous reactions Combustible liquid.

Conditions to avoid Avoid sparks, flame and excessive heat.

Incompatible materials Strong oxidizing agents.

Hazardous decomposition products Hazardous polymerization will not occur. When heated to decomposition produces acid fumes and carbon monoxide smoke.

Section 11: Toxicological Information

Acute toxicity Not available.

Carcinogenicity None of the components of this material are listed as a carcinogen.

Chronic toxicity May cause allergic reactions on skin.

Reproductive toxicity No adverse effects on reproduction are known.

Inhalation Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

Skin contact Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis). Adverse skin effects should be prevented by normal care and personal hygiene.

Eye contact May irritate eyes.

Ingestion Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.

Repeated exposure

May aggravate dermatitis, psoriasis and other skin conditions.

Section 12: Ecological Information

Ecotoxicity Very toxic to aquatic organism may cause long-term adverse effects in the aquatic environment. Avoid any pollution of ground, surface or underground water.

Section 13: Disposal Considerations

Dispose of product in accordance with local, state or provincial and federal regulations. Check with disposal expert to ensure compliance.

Section 14: Transport Information

US DOT Shipping Description (Land) Not regulated.

IMO-IMDG Shipping Description (Sea) Not regulated.

IATA Shipping Description (Air) Not regulated.

Section 15: Regulatory Information

WHMIS Classification N/A

HMIS (USA)

Health Hazard –N/A Fire Hazard – N/A Reactivity – N/A

California Proposition 65

This product does not contain chemical listed per the Safe Drinking Water and Enforcement Act of 1986.

Section 16: Other Information

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