

SAFETY DATA SHEET

Section 1: Identification

Product Name:

Chemical Name/Synonyms: VETIVER ESSENTIAL OIL

Section 2: Hazard(s) Identification

Hazard Classification: Skin corrosion/irritation – Category 3

Serious eye damage/eye irritation – Category 2B

Skin sensitizer – Category 1

Hazardous to the aquatic environment, acute hazard – Category 3

Hazardous to the aquatic environment, long-term hazard – Category 4

Signal Word(s): Warning

Hazard Statements: Causes mild skin irritation. Causes eye irritation. May cause an allergic skin reaction. May be harmful if swallowed and enters airways. Harmful to aquatic life. May cause long lasting harmful effects to aquatic life.

Pictograms:



Precautionary Statements: P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P264 Wash thoroughly after handling.

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.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P370 + P378 In case of fire: Use appropriate media to extinguish.

P403 Store in a well-ventilated place.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

Description of other hazards: 100% of the substance consists of component(s) of unknown acute dermal toxicity. 100% of the substance consists of component(s) of unknown acute inhalation toxicity. 100% of the substance consists of component(s) of unknown acute hazards to the aquatic environment. 100% of the substance consists of component(s) of unknown long-term hazards to the aquatic environment.

Section 3: Composition/ Information on Ingredients

Chemical Name	Synonym	CAS#	Conc.
Vetiveria Zizanioides (Vetiver) Root oil		8016-96-4; 84238-29-9	100%
Section 4: First-Aid Measures			
After skin contact: Take off immediately all contaminated clothing. Get medical attention if irritation develops and persists. Wash skin thoroughly with soap and water for several minutes. After eye contact: Remove contact lenses, if present and easy to do. Get medical attention if irritation develops and persists. Promptly wash eyes with plenty of water while lifting the eye lids. After inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. For breathing difficulties, oxygen may be necessary. Call a physician if symptoms develop or persist. After swallowing: Call a physician or poison control center immediately. If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs.			
Section 5: Fire-Fighting Measures			
Suitable extinguishing agents: Water spray, fog, CO2, dry chemical, or alcohol resistant foam. Special protective equipment for firefighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA. Structural firefighters protective clothing will only provide limited protection. Wear self-contained breathing apparatus with a full facepiece operated in the positive pressure demand mode when fighting fires.			
Section 6: Accidental Release Measures			
Personal precautions: Eliminate all sources of ignition. Avoid contact with skin or inhalation of spillage, dust or vapor. Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Measures for environmental protection: Retain and dispose of contaminated wash water. Avoid release to the environment. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Do not contaminate water. Measures for cleaning/collecting: Collect and dispose of spillage as indicated in section 13 of the SDS.			

Absorb with inert absorbent such as dry clay, sand or diatomaceous earth, commercial sorbents, or recover using pumps.

The product is immiscible with water and will spread on the water surface.

Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible.

Never return spills in original containers for re-use. This material and its container must be disposed of as hazardous waste. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Prevent product from entering drains.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Section 7: Handling and Storage

Handling: Do not handle or store near an open flame, heat or other sources of ignition. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Avoid breathing vapor. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wash thoroughly after handling.

Storage: Keep container closed. Handle containers with care. Open slowly in order to control possible pressure release. Store in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Chemical Name	OSHA PEL	OSHA PEL (ceiling)	ACGIH OEL (TWA)	ACGIH OEL (STEL)

General protective and hygienic measures: Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Breathing equipment: Respiratory protection not required. If ventilation is insufficient, suitable respiratory protection must be provided.

Protection of hands: Chemical resistant gloves.

Eye protection: Wear safety glasses with side shields (or goggles).

Section 9: Physical and Chemical Properties

Form: Amber brown to reddish brown colored, slightly viscous liquid.

Odor: Deep, rich, slightly sweet, resinous, earthy odour.

Relative density: 0.980 - 1.015 @ 20°C.

Solubility in/Miscibility with water: Insoluble.

Section 10: Stability and Reactivity

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions.

Conditions to avoid: Avoid temperatures exceeding the flash point. Contact with incompatible materials.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: No hazardous decomposition products if stored and handled as indicated.

Section 11: Toxicological Information

Acute toxicity: Not available.

Potential routes of exposure/potential health effects

Skin: Knowledge about health hazard is incomplete. Due to partial or complete lack of data the classification is not possible.

Eye: Knowledge about health hazard is incomplete. Due to partial or complete lack of data the classification is not possible.

Inhalation: Knowledge about health hazard is incomplete. Due to partial or complete lack of data the classification is not possible.

Ingestion: Expected to be a low ingestion hazard.

Carcinogenic effects: Due to partial or complete lack of data the classification is not possible.

Mutagenic effects: Due to partial or complete lack of data the classification is not possible.

Reproductive toxicity: Due to partial or complete lack of data the classification is not possible.

Sensitization: Due to partial or complete lack of data the classification is not possible.

Target organs: Due to partial or complete lack of data the classification is not possible.

Section 12: Ecological Information (non-mandatory)

Ecotoxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

Mobility: No data available.

Biodegradation: No data is available on the degradability of this substance.

Bioaccumulation: No data available.

Section 13: Disposal Considerations (non-mandatory)

Do not discharge into drains, water courses or onto the ground. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: Transport Information (non-mandatory)

DOT regulations: Not Regulated

- **Maritime transport IMDG:** Not Regulated

Air transport ICAO-TI and IATA-DGR: Not Regulated

Section 15: Regulatory Information (non-mandatory)

US federal regulations

Toxic Substances Control Act (TSCA): Not regulated.

CERCLA Hazardous Substance List (40 CFR 302.4): Not listed.

SARA 304 Emergency release notification: Not regulated.

OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053): Not listed.

Superfund Amendments and Reauthorization Act of 1986 (SARA)

SARA 302 Extremely hazardous substance: Not listed.

SARA 311/312 Hazardous: No listed

SARA 313 (TRI reporting): Not regulated.

Other federal regulations

Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List: Not regulated.

Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130): Not regulated.

Safe Drinking Water Act (SDWA): Not regulated.

Section 16: Other Information

SDS date of preparation/update: September 12, 2024