

Wellington Fragrance

33306 Glendale St.

Livonia, MI 48150

support@wellingtonfragrance.com

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: Vetiver oil

H-No : 3301.26
CAS No : 8016-96-4
Status : natural
CoE No : 479
FEMA : unlisted
Additives : none
RIFM : monograph
IFRA : not restricted
Application : Aromatherapy, skin care etc.
FDA : 172.21
INCI name : *Vetiveris zizanoides*

Obtained by steam distillation of the roots of *Vetiveris zizanoides*.

OTHER: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

FIRE PROTECTION: sources & protected from light. Keep air contact to a minimum.

PRECAUTIONS IN HANDLING:

STORAGE CONDITIONS: disposal container. Observe municipal, federal and local disposal regulations.

7. Handling & Storage. Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene. Do not eat, drink or smoke whilst handling. Store in tightly closed original container, in a cool, dry & ventilated area away from heat

FOR SPILLAGES: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment. (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages. Keep away from drains, soils, surface & ground waters. Remove all potential ignition sources. Contain spilled material. Cover with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved

ENVIRONMENT PRECAUTIONS:

CLEAN UP METHODS

6. Accidental Release Measures.

PERSONAL PRECAUTIONS:

Use CO₂, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke.

Wear positive pressure self-contained breathing apparatus & protective clothing.

Closed containers may build up pressure when exposed to heat and should be cooled Concentrated product. Do not ingest. Observe good housekeeping procedures.

EXTINGUISHING MEDIA

RECOMMENDED:

5. Fire Fighting Measures.

When assessing action take Risk & Safety Phrases into account (Section 15).

Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

1. Identification of Substance/Preparation & Company.

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2. Composition / Information on Ingredients.

DEFINITION/BOTANICAL ORIGIN:

3. Hazards Identification.

4. First-Aid Measures.with water spray.

SPECIAL MEASURES:

EXTINGUISHING PROCEDURES:

Rinse out mouth with water. Seek medical advice **immediately**.

Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

INHALATION:

SKIN CONTACT:

INGESTION:

EYE CONTACT :Avoid disposing to drainage systems and into the environment.
Seek expert advice.
Data not available
Prevent surface contamination of soil, ground & surface water.

13. Disposal Considerations.

BIODEGRADABILITY:

PRECAUTIONS:

SPECIFIC GRAVITY @ 20°C: 0.974-1.019

8. Exposure Controls/Personal Protection.

RESPIRATORY PROTECTION:

VENTILATION:

9. Physical & Chemical Properties.

COLOUR:

Avoid breathing product vapour. Apply local ventilation where possible.

have low oral toxicity: See RIFM document (1974) FCT 12, 1013 sp. Issue 1 (Binder p728)

12. Ecological Information.

11. Toxicological Information.

Vetiver was found not to be a sensitizer, and was found not to be phototoxic.

It was found to be only mildly irritant.

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.Medical Conditions Aggravated by Exposure:

Chronic Toxicity: N/A

Carcinogenicity Data: N/A

Reproductive Toxicity: N/A

Acute Toxicity Values:May aggravate dermatitis, psoriasis and other skin conditions.

May cause allergic reactions on skin

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

No adverse effects on reproduction are known. No data is currently available.

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APPEARANCE:

Brown to red brown
clear viscous liquid

HAND PROTECTION:

EYE PROTECTION:

WORK / HYGIENE PRACTICES:

Avoid all skin contact. Use chemically resistant gloves if required.
Use safety glasses.
Wash hands with soap & water after handling.
Ensure good ventilation of working area.

ODOUR : Characteristic, woody, green

TYPICAL ANALYSIS BY GC/MS:

SOLUBILITY IN OIL : soluble

SOLUBILITY IN WATER : Insoluble

FLASH POINT °C : >100

REFRACTIVE INDEX @ 20°C: 1.151-1.528

contact with strong acids, alkali or oxidising agents.

DECOMPOSITION : Liable to cause smoke & acrid fumes during combustion:
carbon monoxide, carbon

It presents no significant reactivity hazards, by itself or in contact with water. Avoid dioxide and other non-identified organic compounds may be formed.

10. Stability & Reactivity.

REACTIVITY:

C O N S T I T U E N T P E R C E N T A G E

A lpha V etivone 1.9

B e ta V e tivone 2.1

B e ta V e tivonene 2.0

A lpha Y langene 1.8

T otal V etiverol 37.0

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It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use. The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy.

In-line with general product specification. Always satisfy suitability for specific application. Re-Test after 3 months.

Min 12 months when stored within advised conditions.

Q.C.Requirements:

SHELF LIFE

F/HDPE

Other Plastic

Aluminums

HPPE

Glass

Lacquer lined steel/tin

Cosmetics Directive 7th Amendment: Not restricted.

PACKAGING: TYPE

16. Other Information.

ROAD (ADR/RID):

AIR (IATA/ICAO):

SEA (IMDG):

CHIP:

n/a

n/a

n/a

See Section 15

SAFETY PHRASES: n/a

15. Regulatory Information. According to Directive 88/379/EEC

HAZARDS : n/a

SYMBOLS : n/a

RISK PHRASES : n/a

14. Transport Regulations. UN 1993:

3 of 3 Revised 8/29/24. Replaces all previous documentation.