



Plant's Power Inc
3-2700 St.Clair Ave west
Toronto, Ontario, M6N 1M2
Contact: 1-416-766-1254

Material Safety Data Sheet Vetiver Oil

Section 1: Product and Company Identification

Product Name: Vetiver Oil

Botanical Name: *Vetiveris zizanoides*

INCI Name: Vetiveria zizanoides Root Oil

CAS#: 8016-96-4

EINECS No.:

UN No.: 1169:

Chemical Identification:

Contact information:

Plant's Power Inc 3-2700 St.Clair Ave west Toronto, Ontario M6N 1M2 Contact: 1-416-766-1254 http://www.PlantPower.ca contactus@plantpower.ca	24 HOUR EMERGENCY TELEPHONE NUMBER: (647)-427-4480
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Section 2: Composition and Information on Ingredients

Definition/Botanical Origin: Obtained by the steam distillation of the roots of *Vetiveris zizanoides*.

H-No: 3301.2610 00
CAS No: 8016-96-4
Status: Natural
CoE No: 479
FEMA: unlisted
Additives: none
FDA: 172.510
IFRA: not restricted
Application: Aromatherapy, skin care etc
RIFM: monograph
EC No: 282-409-8
EIECS-CAS: 84238-29-9
INCI name: Vetiveria zizanoides Root Oil

Section 3: Hazards Identification

Concentrated product. Do not ingest. Observe good housekeeping procedures.



CLP/GHS

SCI 2, EDI 2A, SS 1

SGH07, H315(Causes skin irritation), H317(May cause an allergic skin reaction), H319(Causes serious eye irritation), P262(Do not get in eyes, on skin, or on clothing), P305/351/338(IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing), P313(Get medical advice/attention), P280(Wear protective gloves/protective clothing/eye protection/face protection)

Section 4: First Aid Measures

Inhalation:	Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.
Eye contact:	Rinse immediately with plenty of water for at least 15 mins. Contact a doctor if symptoms persist.
Skin contact:	Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

Ingestion: Rinse mouth out with water. Seek medical advice immediately.
Other: When assessing action take Risk & Safety Phrases into account (Section 15)

Section 5: Fire and Explosion

Extinguishing media: Use CO₂, Dry Powder or Foam type
Extinguishers, spraying recommended: Extinguishing media to base of flames. Do not use direct water jet on burning material.
Special measures: Avoid vapour inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.
Extinguishing procedures: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

Section 6: Accidental Release Measures

Personal precautions: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.
Environment precautions: Keep away from drains, soils, surface & groundwaters.
Cleaning up methods: Remove all potential ignition sources. Contain spilled material.
Cover for spillages: With an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe state, federal & local disposal regulations.

Section 7: Handling and Storage

Precautions in handling: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage conditions: Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.
Fire protection: Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

Section 8: Exposure Controls/Personal Protection Engineering

Respiratory protection: Avoid breathing product vapour. Apply local ventilation where possible.
Ventilation: Ensure good ventilation of working area.

Hand protection: Avoid all skin contact. Use chemically resistant gloves if required.
Eye protection: Use safety glasses.
Work/Hygiene practices: Wash hands with soap & water after handling.

Section 9: Physical and Chemical Properties

Colour: Brown to red brown
Appearance: Brownish viscous liquid
Odour: Characteristic, woody, green
Flash point °C: >100
Specific gravity: 0.974 – 1.019 at 20°C
Refractive index: 1.515 – 1.528 at 20°C

Section 10: Stability and Reactivity

Reactivity: It presents no significant reactivity hazards, by itself or in contact with water. Avoid contact with strong acids, alkali or oxidizing agents.
Decomposition: Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

Section 11: Toxicological Information

Vetiver was found not to be a sensitizers, and was not found to be photo-toxic. It was found to be only mildly irritant and to have a low oral toxicity:

See RIFM document (1974) FCT 12, 1013 sp. Issue 1 (Binder p728).

Acute LD50 (oral rat) > 5000 mg/kg

Section 12: Ecological Information

Biodegradability: Data not available
Precautions: Prevent surface contamination of soil, ground & surface water.

Section 13: Disposal Considerations

Avoid disposing to drainage systems and into the environment. Seek expert advice.

Section 14: Transport Information

Not regulated
Road (ADR/RID): N/A
Air (IATA): N/A
Sea (IMDG): N/A
CHIP: See section 15

Section 15: Other Regulatory Information

According to Directive 88/379/EEC

Not classified

Hazards: N/A

Symbols: N/A

Risk Phrases: N/A

Safety Phrases: N/A

Section 16: Other Information

Cosmetics Directive 7th Amendment: Not restricted

Packaging:

Glass	Yes
Lacquer lined steel/tin	Yes
Aluminium	Yes
HPPE	No
F/HDPE	Yes
Other plastic	No

Declaration of Allergens:

PRODUCT	Vetivert Oil
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MATERIAL	CAS NUMBER	TOTAL ALLERGEN INCLUSION LEVEL (%)
AMYL CINNAMAL	122-40-7	-
BENZYL ALCOHOL	100-51-6	-
CINNAMYL ALCOHOL	104-51-6	-
CITRAL	5392-40-5	-
EUGENOL	97-53-0	-
HYDROXYCITRONELLAL	107-75-5	-
ISO EUGENOL	97-54-1	-
AMYL CINNAMYL ALCOHOL	101-85-9	-
BENZYL SALICYLATE	118-58-1	-
CINNAMAL	104-55-2	-
COUMARIN	91-64-5	-

GERANIOL	106-24-1	-
HYDROXYISOHEXYL 3-CYCLOHEXENE CARBOXALDEHYDE	31906-04-4	-
ANISE ALCOHOL	105-13-5	-
BENZYL CINNAMATE	103-41-3	-
FARNESOL	4602-84-0	-
BUTYLPHENYL METHYLPROPIONAL	80-54-6	-
LINALOOL	78-70-6	-
BENZYL BENZOATE	120-51-4	-
CITRONELLOL	106-22-9	-
HEXYL CINNAMAL	101-86-0	-
LIMONENE	5989-27-5	-
METHYL 2-OCTYNOATE	111-12-6	-
ALPHA-ISOMETHYL IONONE	127-51-5	-
EVERNIA PRUNASTRI EXTRACT	90028-68-5	-
EVERNIA FURFURACEA EXTRACT	90028-67-4	-
		No allergens

Disclaimer:

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