

MSDS SHEET

1. Identification of Substance/Preparation & Company

PRODUCT NAME: Valeriana Essential Oil
BOTANICAL NAME/INCI: Valeriana Officinalis
PRODUCT USE: Cosmetic/Industrial
ORIGIN: India
SUPPLIER: Botanic Planet Canada Inc.
ADDRESS: 2 Bram Ct, Unit # 3-4 Brampton Ontario L6W 3R6 Canada
CAS Number: 90082-21-6
PHONE/FAX: 905-455-4444 / 905-455-8841
Emergency Tel No: (613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. Hazards Identification

Emergency Overview

GHS Classification

Flammable liquids - Category 3

Aspiration Hazard - Category 1

GHS Label elements, including precautionary statements



Hazard statement(s) Not applicable.

H227 Combustible liquid.

H304 May be fatal if swallowed.

Precautionary statement(s)

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

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

P331 Do NOT induce vomiting.

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

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container to

3. Composition / Information on Ingredients

Product Name	CAS NO	EC NO	Concentration
Valeriana Officinalis	8008-88-6	308-322-6	100%

4. First-Aid Measure

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 minutes. 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 out mouth with water. Seek medical advice immediately.

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

5. Fire Fighting Measures

EXTINGUISHING MEDIA: Use CO₂, Dry Powder or Foam type Extinguishers, spraying 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.

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 & ground waters. **CLEAN UP**

METHODS Remove all potential ignition sources. Contain spilled material. Cover with an inert or **FOR SPILLAGES:** non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe municipal, federal and local disposal regulations.

7. Handling & Storage

PRECAUTIONS IN HANDLING: Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene. 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.

8. Exposure Controls/Personal Protection

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.

9. Physical & Chemical Properties

Appearance: Dark brown to amber yellow colored liquid.

Odour: Warm-woody, balsamic, musky aroma Complies

Refractive Index: 1.470 - 1.485 @ 20°C Complies

Specific Gravity (g/mL) 1.476 0.930 - 0.970 @ 20°C

Optical Rotation: 0.958 -40° to -20°

Solubility: Soluble in alcohols & fixed oils; Insoluble in water

Valerenic acid: 0.5 – 2%

Valerone: 5 – 15%

Bornyl acetate: 1 – 7%
Isovaleric acid: 2 – 5%
β-Caryophyllene: 1 – 5%
Humulene (α-humulene): 0.5 – 2%
Camphene: 0.5 – 3%
α-Pinene: 0.2 – 2%
β-Pinene: 0.1 – 1.5%
Limonene: 0.1 – 1%
Sesquiterpenes: 20 – 50%

10. Stability & 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 and other non-identified organic compounds may be formed.

11. Toxicological Information

May be irritation to skin.

12. Ecological Information

BIODEGRADABILITY: Data not available

PRECAUTIONS: Prevent surface contamination of soil, ground & surface water.

13. Disposal Considerations

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

14. Transport Regulations

ROAD (ADR/RID): n/a

AIR (IATA/ICAO): n/a

SEA (IMDG): n/a

CHIP: See section 15

15. Regulatory Information

HAZARDS: n/a

SYMBOLS: n/a

RISK PHRASES: n/a

SAFETY PHRASES: n/a

16. Other Information



Shelf life of this product depends very much on storage conditions, particularly moisture, temperature, exposure to light and air.

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Email: info@botanicplanet.ca www.botanicplanet.ca

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Valerian essential Oil
BOTANICAL NAME/INCI Valeriana Officinalis
LOT NO: BPCVEO122024
EXPIRY DATE: -December 2029
Extraction Method: Steam Distillation
ORIGIN: - India

Properties	Specifications	Results
Appearance:	Dark brown to amber yellow colored liquid.	Complies
Odour:	Warm-woody, balsamic, musky aroma	Complies
Refractive Index:	1.470 - 1.485 @ 20°C	Complies
Specific Gravity (g/mL)	1.476 0.930 - 0.970 @ 20°C	Complies
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	Sesquiterpenes: 20 – 50%	

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