



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1: Identification

Product Identifier

Product Name: Co-distilled Vetiver & Patchouli Oil

Alternative Names: Vetiver & Patchouli Co-distilled Essential Oil, Vetiver Patchouli Blend

Botanical Sources:

- *Chrysopogon zizanioides* (L.) Roberty (Vetiver)
- *Pogostemon cablin* (Blanco) Benth. (Patchouli)

INCI Name: Vetiveria Zizanioides Root Oil / Pogostemon Cablin Leaf Oil

EU CAS Numbers:

- **Vetiver Oil:** 8016-96-4
- **Patchouli Oil:** 84238-39-1

EC Numbers:

- **Vetiver Oil:** 282-490-8
- **Patchouli Oil:** 282-493-4

Product Type: Natural Co-distilled Essential Oil

Plant Parts: Vetiver Roots and Patchouli Leaves

Extraction Method: Steam Co-distillation

Origin: Indonesia

Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic and fragrance raw material.



Supplier

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SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

- Skin Sensitisation – Category 1
- Skin Irritation – Category 2
- Eye Irritation – Category 2A
- Hazardous to the Aquatic Environment (Chronic) – Category 2

Signal Word

Warning

Hazard Statements

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing vapours.
- P264 Wash thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection.
- P302+P352 IF ON SKIN: Wash thoroughly with soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.
- P391 Collect spillage.
- P501 Dispose of contents/container according to local regulations.



SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Co-distilled Vetiver & Patchouli Oil
Product Type	Natural Co-distilled Essential Oil
Vetiver Oil CAS	8016-96-4
Patchouli Oil CAS	84238-39-1
Purity	100% Natural Essential Oil

Typical Naturally Occurring Constituents

- Patchoulol
- α -Bulnesene
- α -Guaiene
- Seychellene
- Khusimol
- Vetiselinol
- Vetivone
- Norpatchoulol
- β -Caryophyllene
- Pogostol

SECTION 4 – FIRST AID MEASURES

Inhalation: Move exposed person to fresh air. Obtain medical advice if symptoms persist.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact: Flush cautiously with water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Seek medical advice immediately if large quantities have been ingested.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media



- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water mist

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic vapours.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable personal protective equipment.

Prevent release into drains and waterways.

Absorb with inert absorbent material and transfer to suitable waste containers.

SECTION 7 – HANDLING AND STORAGE

Handle in well-ventilated areas.

Avoid contact with skin and eyes.

Store tightly closed in original containers.

Protect from heat, sunlight and oxidising agents.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Safety goggles
 - Nitrile gloves
 - Protective clothing
 - Local exhaust ventilation
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear to slightly viscous liquid
Colour	Golden Yellow to Amber
Odour	Deep woody, earthy, smoky, patchouli, balsamic, slightly leathery
Relative Density (20 °C)	0.960–1.010
Refractive Index (20 °C)	1.495–1.515
Flash Point	>100 °C
Solubility in Water	Insoluble
Solubility	Soluble in ethanol and perfumery solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under normal storage conditions.

Avoid:

- Strong oxidising agents
- Heat
- Direct sunlight
- Prolonged exposure to air

Hazardous decomposition products include carbon monoxide and carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

May cause skin irritation.

May cause allergic skin reactions in susceptible individuals.

May cause eye irritation.

No significant hazards are expected when used in accordance with good industrial hygiene and professional perfumery practice.

SECTION 12 – ECOLOGICAL INFORMATION



Toxic to aquatic life with long lasting effects.

Avoid release into waterways and the environment.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of product and packaging through an authorised waste disposal contractor in accordance with local regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	UN3082
Proper Shipping Name	Environmentally Hazardous Substance, Liquid, N.O.S. (Contains Essential Oils)
ADR/RID	Class 9
IMDG	Class 9
IATA	Class 9
Packing Group	III

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
- OSHA Hazard Communication Standard (29 CFR 1910.1200)
- Regulation (EC) No. 1907/2006 (REACH)
- Regulation (EU) 2020/878

SECTION 16 – OTHER INFORMATION

Co-distilled Vetiver & Patchouli Oil is a premium natural ingredient produced by the simultaneous steam distillation of vetiver roots and patchouli leaves. The co-distillation process creates a uniquely integrated aroma profile that cannot be achieved by simply blending the two individual oils. The material exhibits exceptional depth with rich earthy,



woody, smoky, balsamic and patchouli facets, making it highly valued in fine fragrance, oud accords, oriental compositions, woody perfumes and luxury niche perfumery.

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