



PT. SEPAKAT MULTI NIAGA

Jalan Lintas Krueng Mane-Sawang, No.01, Mane Tunong, Aceh Utara, Indonesia

Hotline: (+62) 811 684 2202

www.smnindonesia.com

MATERIAL SAFETY DATA SHEET

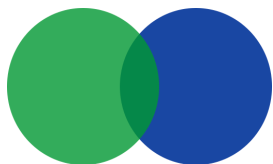
Pure Patchouli Oil (Pogostemon cablin) - Origin Aceh, Sumatra, Indonesia

Section 1: Identification of the Substance/Company

- **Product Name** : Patchouli Oil (Pogostemon cablin)
- **Synonyms** : Nilam Oil, Patchouli Essential Oil
- **INCI Name** : Pogostemon Cablin Oil
- **CAS Number** : 8014-09-3
- **EINECS Number** : 282-493-4
- **Recommended Use** : Fragrance ingredient in perfumery, cosmetics, aromatherapy.
- **Company Identification**
 - **Company Name** : **PT. Sepakat Multi Niaga**
 - Address : Jalan Lintas Kr. Mane-Sawang No.01, Muara Batu, Aceh Utara, 24355, Indonesia
 - Hotline : +62 811 684 2202
 - Emergency Phone : +62 811 684 2202
 - Email : cs@smnindonesia.com
 - Website : www.smnindonesia.com

Section 2: Hazard Identification

- **Classification according to GHS:**
 - Flammable Liquid (Category 4)
 - Skin Irritation (Category 2)
 - Skin Sensitization (Category 1)
 - Hazardous to Aquatic Environment – Chronic (Category 2)
- **Signal Word:** Warning ⚠
- **Hazard Statements:**
 - H227: Combustible liquid.
 - H315: Causes skin irritation.
 - H317: May cause an allergic skin reaction.
 - H411: Toxic to aquatic life with long lasting effects.



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- **Precautionary Statements:**

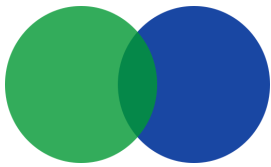
- P210: Keep away from heat, sparks, open flames.
 - P261: Avoid breathing vapors.
 - P273: Avoid release to the environment.
 - P280: Wear protective gloves/eye protection.
 - P302+P352: IF ON SKIN: Wash with plenty of soap and water.
 - P501: Dispose of contents/container in accordance with local regulations.
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Section 3: Composition/Information on Ingredients

- **Substance:** Natural Essential Oil (100% pure, steam distilled)
 - **Botanical Source:** *Pogostemon cablin* (Patchouli leaves)
 - **Main Components** (typical range, may vary naturally):
 - Patchouli Alcohol: 30 – 40%
 - α -Bulnesene: 15 – 25%
 - α -Guaiene: 10 – 20%
 - Seychellene: 1 – 5%
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Section 4: First Aid Measures

- **General:** Remove contaminated clothing immediately.
 - **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.
 - **Skin Contact:** Wash thoroughly with soap and water. If irritation or rash develops, get medical advice.
 - **Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses if present. Seek medical attention if irritation persists.
 - **Ingestion:** Rinse mouth with water. Do not induce vomiting. Seek medical help immediately.
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Section 5: Firefighting Measures

- **Suitable Extinguishing Media:** Foam, dry chemical, CO₂, or water spray.
 - **Specific Hazards:** Combustible liquid; may produce irritating or toxic fumes in fire.
Protective Equipment for Firefighters: Self-contained breathing apparatus and protective clothing.
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Section 6: Accidental Release Measures

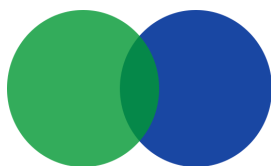
- **Personal Precautions:** Avoid contact with skin and eyes. Remove ignition sources. Provide adequate ventilation.
 - **Environmental Precautions:** Prevent entry into drains, waterways, or soil.
 - **Methods for Cleaning Up:** Absorb with inert material (sand, earth, vermiculite). Dispose according to local regulations.
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Section 7: Handling and Storage

- **Handling:** Avoid inhalation and contact with skin/eyes. Use in well-ventilated areas. Keep away from flames and sparks.
 - **Storage:** Store in tightly closed containers, in a cool, dry, well-ventilated area, protected from light. Recommended stainless steel or amber glass containers.
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Section 8: Exposure Controls/Personal Protection

- **Exposure Limits:** Not established.
 - **Engineering Controls:** Provide adequate ventilation.
 - **Personal Protective Equipment (PPE):**
 - Respiratory: Not normally required, but use mask in poorly ventilated areas.
 - Skin: Protective gloves (nitrile recommended).
 - Eyes: Safety glasses with side shields.
 - Hygiene: Wash hands after handling.
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Section 9: Physical and Chemical Properties

- **Appearance:** Viscous liquid, light yellow to deep amber
 - **Odor:** Earthy, woody, rich patchouli note
 - **Flash Point:** ~ 90°C (closed cup)
 - **Boiling Point:** > 250°C
 - **Relative Density:** 0.950 – 0.975 @ 25°C
 - **Refractive Index:** 1.505 – 1.515 @ 20°C
 - **Solubility:** Insoluble in water, soluble in ethanol and oils
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Section 10: Stability and Reactivity

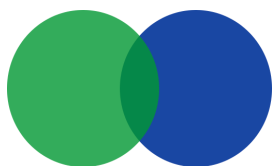
- **Stability:** Stable under normal storage conditions.
 - **Reactivity:** Avoid contact with strong oxidizing agents.
 - **Hazardous Decomposition Products:** CO, CO₂, irritating fumes under fire conditions.
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Section 11: Toxicological Information

- **Acute Toxicity:** Not classified as acutely toxic.
 - **Skin Corrosion/Irritation:** May cause irritation.
 - **Sensitization:** May cause allergic skin reactions.
 - **Repeated Dose Toxicity:** No data available.
 - **Carcinogenicity/Mutagenicity/Reproductive Toxicity:** Not classified.
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Section 12: Ecological Information

- **Toxicity:** Toxic to aquatic life with long lasting effects.
 - **Persistence/Degradability:** Readily biodegradable.
 - **Bioaccumulation:** Possible due to lipophilicity.
 - **Environmental Precautions:** Avoid release into environment.
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Section 13: Disposal Considerations

- Dispose of in accordance with local, regional, and international regulations.
 - Do not dispose of into waterways or soil.
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Section 14: Transport Information

- **UN Number:** Not regulated under ADR/RID/IMDG/IATA as dangerous goods (in general quantities).
 - **Proper Shipping Name:** Essential Oil, Patchouli Oil
 - **Hazard Class:** Not classified as hazardous under standard transport regulations
 - **Packing Group:** Not applicable
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Section 15: Regulatory Information

- Complies with IFRA Standards for fragrance materials.
 - Listed in FEMA GRAS (Flavor and Extract Manufacturers Association).
 - Subject to local chemical safety regulations.
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Section 16: Other Information

- **Date of Issue:** June 2025
- **Version:** 2.0
- **Prepared by:** PT. Sepakat Multi Niaga – Quality & Compliance Division

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