



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

Parameter	Details
Product Name	Premium Patchouli Essential Oil
Botanical Name	<i>Pogostemon cablin</i> (Blanco) Benth.
INCI Name	Pogostemon Cablin Leaf Oil
Plant Part	Leaves
Extraction Method	Steam Distillation (Light Fraction)
Product Type	100% Natural Essential Oil
Country of Origin	Indonesia
CAS Number	8014-09-3
EC Number	282-493-4
FEMA Number	2838
Physical Form	Clear mobile liquid

1.2 Relevant Identified Uses

- Professional perfumery
 - Cosmetic fragrance manufacture
 - Soap and toiletries
 - Candles
 - Home fragrance
 - Incense manufacture
 - Aromatherapy (professional use)
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1.3 Uses Advised Against

- Internal consumption
 - Direct undiluted application to skin
 - Food use
 - Pharmaceutical use unless specifically authorised
 - Use by children
-

1.4 Supplier



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1.5 Emergency Telephone Number

Contact the nearest poison centre or emergency medical service.

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification (Regulation (EC) No. 1272/2008)

Representative supplier SDS data classify Patchouli Light Essential Oil as follows:

Hazard Class	Category	Hazard Statement
Aspiration Hazard	Category 1	H304: May be fatal if swallowed and enters airways
Skin Irritation	Category 3	H316: Causes mild skin irritation
Aquatic Acute	Category 2	H401: Toxic to aquatic life
Aquatic Chronic	Category 2	H411: Toxic to aquatic life with long-lasting effects

2.2 Label Elements

Signal Word

Danger

Hazard Statements

- H304 May be fatal if swallowed and enters airways.
- H316 Causes mild skin irritation.
- H401 Toxic to aquatic life.
- H411 Toxic to aquatic life with long-lasting effects.

Precautionary Statements

- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or physician.



- P331 Do NOT induce vomiting.
- P332+P313 If skin irritation occurs: Get medical advice.
- P391 Collect spillage.
- P501 Dispose of contents/container according to local regulations.

2.3 Other Hazards

- Natural colour and odour may vary between batches.
- Oxidation during prolonged storage may increase sensitisation potential.
- Spilled material may produce slippery surfaces.
- Product is not expected to meet current PBT or vPvB criteria.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance

Component	CAS Number	EC Number	Content
Patchouli Essential Oil – Light	8014-09-3	282-493-4	100%

3.2 Representative Naturally Occurring Constituents

- Patchouli Alcohol (Patchoulol)
- α -Bulnesene
- α -Guaiene
- Seychellene
- Pogostol
- β -Patchoulene
- Caryophyllene
- Norpatchoulol
- Other naturally occurring sesquiterpenes

The light grade is produced to provide a cleaner, brighter and less camphoraceous patchouli profile while remaining a natural steam-distilled essential oil.

SECTION 4: FIRST-AID MEASURES

4.1 Description of First-Aid Measures

Inhalation

Move the exposed person to fresh air. Seek medical advice if symptoms persist.



Skin Contact

Wash thoroughly with soap and water. Remove contaminated clothing.

Eye Contact

Rinse cautiously with clean water for at least 15 minutes. Obtain medical attention if irritation persists.

Ingestion

Do **not** induce vomiting.

Immediately contact a poison centre or physician because of the aspiration hazard.

4.2 Most Important Symptoms

- Mild skin irritation
- Temporary eye irritation
- Gastrointestinal discomfort
- Aspiration hazard following ingestion

4.3 Medical Advice

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Suitable Extinguishing Media

- Dry chemical powder
- Carbon dioxide
- Alcohol-resistant foam
- Water fog for cooling containers

5.2 Unsuitable Extinguishing Media

High-pressure water jet.



5.3 Hazardous Combustion Products

- Carbon monoxide
 - Carbon dioxide
 - Irritating smoke
 - Organic decomposition products
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5.4 Firefighter Protection

Wear self-contained breathing apparatus and full protective clothing.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Ventilate affected area.
 - Avoid contact with skin and eyes.
 - Prevent release into drains or waterways.
 - Absorb using sand or inert absorbent.
 - Collect into suitable labelled containers.
 - Clean contaminated surfaces with detergent solution.
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SECTION 7: HANDLING AND STORAGE

Handling

- Avoid prolonged skin contact.
 - Avoid breathing vapours.
 - Wear appropriate PPE.
 - Observe good industrial hygiene practices.
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Storage

Store:

- Between 5 °C and 25 °C
- In tightly sealed containers
- Protected from sunlight
- Away from ignition sources
- Away from oxidising agents
- In a cool, dry and well-ventilated area



SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Provide adequate general ventilation.

Eye Protection

Chemical safety glasses.

Hand Protection

Chemical-resistant nitrile gloves.

Respiratory Protection

Organic vapour respirator where ventilation is inadequate.

Body Protection

Protective clothing where repeated contact may occur.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Typical Value
Appearance	Clear mobile liquid
Colour	Pale yellow to light amber
Odour	Clean, woody, earthy, fresh, smooth patchouli
Relative Density (20 °C)	0.950–0.975
Refractive Index (20 °C)	1.500–1.515
Optical Rotation	-70° to -40°
Flash Point	>100 °C
Solubility	Insoluble in water
Solubility in Alcohol	Soluble
Vapour Pressure	Not determined

These representative physical characteristics are consistent with published technical documentation for Patchouli Light Essential Oil.

SECTION 10: STABILITY AND REACTIVITY



Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames
- Strong acids
- Strong alkalis

Thermal decomposition may produce carbon oxides and irritating organic vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

Representative information indicates:

- Mild skin irritation may occur.
- Aspiration hazard if swallowed.
- Mild eye irritation following direct exposure.
- Individual sensitivity may vary.
- No evidence that the complete oil is classified as carcinogenic based on available data.

SECTION 12: ECOLOGICAL INFORMATION

- Toxic to aquatic organisms.
- Toxic to aquatic life with long-lasting effects.
- Insoluble in water.
- Avoid environmental release.
- May adsorb to soil because of hydrophobic constituents.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose of through an authorised waste contractor.

Do not discharge into drains or waterways.

Dispose of contaminated packaging in accordance with local regulations.

SECTION 14: TRANSPORT INFORMATION

Representative supplier documentation indicates Patchouli Light Essential Oil is generally transported as **not regulated** under ADR, IMDG and IATA when supplied in normal commercial packaging, although transport classification should always be confirmed using the original batch-specific SDS.

Item	Status
UN Number	Not regulated*



Proper Shipping Name	Not regulated*
Transport Hazard Class	Not applicable
Packing Group	Not applicable

*Verify transport classification using the original manufacturer's batch-specific documentation before shipment.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- REACH Regulation (EC) No. 1907/2006
- Regulation (EU) 2020/878
- CLP Regulation (EC) No. 1272/2008
- Cosmetic Regulation (EC) No. 1223/2009
- ADR, IMDG and IATA transport regulations

SECTION 16: OTHER INFORMATION

Document Information

Item	Details
Version	1.0
Product	Premium Patchouli Essential Oil – Light

Disclaimer

This MSDS is based on representative published supplier information for Patchouli Light Essential Oil and applies to a natural steam-distilled light fraction of *Pogostemon cablin*. As a natural product, composition, colour and odour may vary according to harvest, geographical origin and distillation conditions. The original manufacturer's batch-specific Safety Data Sheet and analytical documentation shall take precedence where available.

AUTHORISED BY

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