



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

Item	Details
Product Name	Green Patchouli Absolute
Botanical Name	<i>Pogostemon cablin</i> (Blanco) Benth.
INCI Name	Pogostemon Cablin Leaf Extract
CAS Number	8014-09-3
EC Number	282-493-4
Plant Part	Leaves
Extraction Method	Solvent extraction followed by solvent removal
Country of Origin	Indonesia
Recommended Use	Professional perfumery and fragrance formulation
Uses Advised	Internal consumption, vaping, smoking and undiluted skin
Against	application

Patchouli Absolute is commercially identified under CAS **8014-09-3** and is described as a dark brownish-green viscous material derived from *Pogostemon cablin*.

Supplier

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SECTION 2: HAZARD IDENTIFICATION

Representative GHS Classification

- Skin Sensitisation, Category 1 – H317
- Hazardous to the Aquatic Environment, Chronic Category 3 – H412

Signal Word



Warning

Hazard Statements

- H317: May cause an allergic skin reaction.
- H412: Harmful to aquatic life with long-lasting effects.

Precautionary Statements

- Avoid breathing vapour or mist.
- Wear protective gloves and eye protection.
- Avoid release to the environment.
- Wash exposed skin thoroughly after handling.
- If skin irritation or rash occurs, obtain medical advice.
- Dispose of contents and container according to local regulations.

Classification must be confirmed against the original producer's batch-specific SDS.

SECTION 3: COMPOSITION

Component	Concentration
Green Patchouli Absolute	Approximately 100%

Representative natural constituents may include:

- Patchoulol
- Alpha-guaiene
- Seychellene
- Alpha-bulnesene
- Alpha-patchoulene
- Beta-caryophyllene
- Pogostol
- Other sesquiterpenes and non-volatile plant extracts

Patchouli materials characteristically contain patchoulol and multiple sesquiterpenes, but the composition of an absolute may differ from steam-distilled patchouli oil.

SECTION 4: FIRST-AID MEASURES

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



Skin contact: Wash thoroughly with soap and water. Remove contaminated clothing. Seek medical advice if irritation or rash develops.

Eye contact: Rinse cautiously with water for at least 15 minutes. Remove contact lenses where easy to do.

Ingestion: Rinse the mouth. Do not induce vomiting. Contact a physician or poison centre.

SECTION 5: FIRE-FIGHTING MEASURES

Use:

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

Do not use a direct high-pressure water jet.

Combustion may produce carbon monoxide, carbon dioxide, smoke and irritating organic vapours.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Wear gloves and eye protection.
- Ensure adequate ventilation.
- Prevent entry into drains, soil and waterways.
- Absorb using sand, vermiculite or another inert absorbent.
- Transfer into a labelled waste container.
- Clean contaminated surfaces with detergent.

SECTION 7: HANDLING AND STORAGE

- Avoid skin and eye contact.
- Do not breathe heated vapour or mist.
- Keep the container tightly sealed.
- Store in a cool, dry and well-ventilated location.
- Protect from direct sunlight, heat and air exposure.
- Keep away from strong oxidising agents.
- Store away from food and out of reach of children.



Recommended storage temperature: **10–25°C**.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Protection	Recommendation
Eye Protection	Chemical safety glasses
Hand Protection	Nitrile or chemical-resistant gloves
Skin Protection	Protective clothing or laboratory coat
Respiratory Protection	Normally unnecessary with adequate ventilation
Engineering Controls	General or local exhaust ventilation

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Property	Representative Description
Appearance	Viscous liquid or semi-solid extract
Colour	Dark greenish-brown to brown
Odour	Sweet, earthy, herbal, woody, spicy and balsamic
Water Solubility	Insoluble
Alcohol Solubility	Soluble or dispersible
Relative Density	Batch dependent
Refractive Index	Batch dependent
Flash Point	Batch dependent; verify from producer SDS
pH	Not applicable

The commercial material is described as dark brownish-green and viscous, with sweet, herbal, spicy, woody and tobacco-like facets.

SECTION 10: STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Excessive heat
- Direct sunlight
- Prolonged exposure to air
- Strong oxidising agents
- Open flames if the batch flash point requires flammable-liquid controls



Thermal decomposition may produce carbon oxides and irritating vapours.

SECTION 11: TOXICOLOGICAL INFORMATION

- May cause skin irritation or allergic sensitisation in susceptible persons.
- Direct eye contact may cause temporary irritation.
- Concentrated vapour may cause headache, nausea or discomfort.
- Repeated exposure to oxidised natural constituents may increase sensitisation risk.
- Complete toxicological data are not available for every production batch.

SECTION 12: ECOLOGICAL INFORMATION

- Avoid uncontrolled environmental release.
- May be harmful to aquatic organisms with long-lasting effects.
- Natural hydrophobic constituents may adsorb to soil and sediment.
- Complete biodegradation and bioaccumulation data are not available for the absolute.

SECTION 13: DISPOSAL CONSIDERATIONS

Dispose through an authorised chemical-waste contractor.

Do not discharge into drains, waterways or soil.

Empty containers may retain product residue and should be handled accordingly.

SECTION 14: TRANSPORT INFORMATION

Transport classification is dependent on:

- Actual flash point
- Residual solvent content
- Batch hazard classification
- Packaging quantity
- Applicable carrier regulations



The material may be **not regulated as dangerous goods** where the flash point and composition do not meet transport hazard criteria.

Final classification must be confirmed from the producer's current batch SDS before shipment.

SECTION 15: REGULATORY INFORMATION

Prepared with reference to:

- Regulation (EC) No. 1907/2006 — REACH
- Regulation (EC) No. 1272/2008 — CLP
- Regulation (EU) 2020/878
- United Nations GHS
- Regulation (EC) No. 1223/2009 on cosmetic products

The finished-product manufacturer must review:

- IFRA requirements
- Batch-specific allergens
- Residual solvent data
- Restricted constituents
- Final cosmetic safety assessment
- Applicable product labelling

SECTION 16: OTHER INFORMATION

Hazard Statements

- H317: May cause an allergic skin reaction.
- H412: Harmful to aquatic life with long-lasting effects.

Document Information

Item	Details
Issue Date	17 July 2026
Revision	01
Document Type	Summary MSDS/SDS
Intended Users	Professional and industrial users

Disclaimer



This summary MSDS contains representative safety information for Green Patchouli Absolute. The original manufacturer's batch-specific SDS, analytical data, residual-solvent results and transport classification must take precedence.

The product is intended only for professional perfumery use. It is not intended for internal consumption and must be stored away from children.

Issued by:
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