



MATERIAL SAFETY DATA SHEET
According to EU Regulation 1907/2006

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING)

1.1 PRODUCT IDENTIFIER

Product Name	Patchouli Essential Oil
Biological Definition	Pogostemon Cablin Leaf Oil is the volatile oil obtained from the leaves of the Patchouli, Pogostemon cablin, Labiatae
INCI Name	Pogostemon Cablin Leaf Oil
Synonyms & Trade Names	Patchouli Oil
Internal Product Code	TCDL-CESS-BOWL-NPAT
CAS Number	8014-09-3
EC Number	282-493-4
EINECS Number	282-493-4
REACH Status	Registration Number 01-2119967775-18-XXXX

1.2 DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

Company	Cosy Owl Volsom Ltd 20-28 Albert Road, Braintree, Essex, United Kingdom, CM7 3JQ
Emergency Telephone Number	01376 560 348



SECTION 2: HAZARD IDENTIFICATION



2.1 CLASSIFICATION OF THE SUBSTANCES OR MIXTURE

The Full Text for all Hazard Statements are Displayed in Section 16.

Classification (EU 1272/2008)	Asp. Toxicity (Cat. 1): H304 Aquatic Chronic (Cat. 2): H411
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2.2 LABEL ELEMENTS

Label in accordance with Regulation (EC) No 1272/2008

GHS Label:	  GHS08 GHS09
Signal word:	None
Contains	-
Hazard Statements:	H304: May be fatal if swallowed and enters airways. H411: Toxic to aquatic life with long lasting effects
Precautionary Statements:	P280: Wear protective gloves/clothing/eye-protection/face protection P261: Avoid breathing vapour/spray P264: Wash hands thoroughly after handling
Supplementary Precautionary Statements:	P301+P310: If swallowed: immediately call a poison centre or doctor P302 + P352: If on skin, was with plenty of soap and water P305 + P351: If in eyes, rinse cautiously with water for several minutes P331: Do not induce vomiting P338: Remove contact lenses, if present, and easy to do so, Continue rinsing P391: Collect Spillage P233: Keep container tightly closed P501: Dispose of contents/containers in accordance with local/national regulations

2.3 OTHER HAZARDS

PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURE

23 to 45% Patchouli alcohol: CAS: 5986-55-0; EC: 227-807-2; Not classified
 5 to 25% Alpha-bulnesene: CAS: 3691-11-0, Not classified
 0.5 to 20% Alpha-guaiene: CAS: 88-84-6, EC: 201-860-1, Asp Tox. 1, H304 ; Skin Irrit. 2, H315 ; Eye Irrit. 2, H319
 1 to 14% Seychellene: Not classified
 1 to 10% Alpha-patchoulene: CAS: 560-32-7; not classified
 1 to 8% Pogostol: CAS 21698-41-9: Not classified
 1 to 6% Aciphyllene: CAS: 87745-31-1: Not classified
 0 to 6% Caryophyllene: CAS: 87-44-5; EC: 201-746-1; Asp. Tox. 1 H304; Skin Sens. 1B, H317; Aquatic Chronic 4, H413
 0 to 6% Humulene: CAS 6753-98-6, EC 229-816-7; Not classified
 0 to 5% Delta-patchoulene: CAS: 53823-16-8; Not classified
 0 to 4% Beta-patchoulene: CAS: 514-51-2; EC: 208-182-5 Not classified
 0 to 3.5% epi-beta Caryophyllene: CAS 514-51-2, EC 208-182-5; Skin Irrit. 2, H315; Eye Irrit. 2, H319
 0 to 3% Nor-patchoulenol: CAS: 41429-52-1; Not classified
 0 to 3% alpha Copaene: Not classified
 0 to 2%: Beta-elemene: CAS: 515-13-9; Not classified
 0 to 2%: Pogostone: CAS: 23800-56-8; Not classified
 0 to 1.5% Cycloseychellene: CAS 86562-17-6; Not classified
 0 to 1% Beta-Selinene: CAS: 17066-67-0; Not classified
 0 to 10% Unknown Impurities; likely to be Patchouli Sesquiterpenes, Each present at less than 1%



SECTION 4: FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

Inhalation	Remove to fresh air.
Ingestion	Do not induce vomiting. Give a glass of water. See a doctor immediately.
Skin Contact	Wash well with water.
Eye Contact	Flush eyes with water for 15 minutes. If irritation persists, see a doctor.

4.2 MOST IMPORTANT SYMPTOMS. BOTH ACCUTE AND DELAYED.

Breathing difficulties.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT IF NEEDED

No specific first aid measures noted.

SECTION 5: FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA

Use foam, dry powder, carbon dioxide or vaporising liquids.

5.2 SPECIAL HAZARDS ARISING FROM THE PRODUCT

May produce fumes of carbon monoxide and carbon dioxide. Moderate explosion hazard when exposed to flame

5.3 ADVICE FOR FIRE FIGHTERS

Containers close to fire should be removed or cooled with water. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear appropriate protective clothing. Shut off all sources of ignition.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains, water courses or onto ground.

6.3 METHODS AND MATERIAL FOR CONTAMINATED AND CLEANING UP

For small spills, wash area with detergent and water.

For large spills, contain with earth, sand or similar inert absorbent material and both liquids and solids transferred to salvage containers and arrange disposal by disposal company. Wash spilled area thoroughly with water and detergent.

6.4 REFERENCES TO OTHER SECTIONS

See sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING



Avoid spilling, eye and skin contact Use only in a well-ventilated area. Keep away from heat or flame. Wash area well with hot water and detergent and check for residual vapours with an explosion meter before carrying out maintenance.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Must be stored and transported in accordance with local regulations for hazardous liquids. Store in tightly closed container in a dry, cool and well ventilated place. Protect from freezing and direct sunlight.

7.3 SPECIFIC END USE(S)


No additional data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 CONTROL PERAMETERS

No additional data available.

8.2 EXPOSURE CONTROLS

<p>Protective equipment</p>	
<p>Process Conditions</p>	<p>No additional data available.</p>
<p>Engineering Measures</p>	<p>Use only in well-ventilated area</p>
<p>Respiratory Equipment</p>	<p>None required when used in well-ventilated area. Use approved half face respirator if using undiluted in confined spaces.</p>
<p>Hand Protection</p>	<p>Use chemical resistant gloves.</p>
<p>Eye Protection</p>	<p>Use safety goggles.</p>
<p>Other Protection</p>	<p>No additional data available.</p>
<p>Hygiene Measures</p>	<p>Good personal hygiene practices are always advisable, especially when working with chemicals / oils.</p>
<p>Personal Protection</p>	<p>No additional data available.</p>
<p>Skin Protection</p>	<p>No additional data available.</p>
<p>Environmental Exposure Controls</p>	<p>No additional data available.</p>



SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIS PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear Mobile Liquid
Colour	Golden to dark brown
Odour	Characteristic
Specific Gravity @ 20°C	0.945 – 0.975
Refractive Index @ 20°C	1.500 – 1.515
Flash Point (°C)	114°C (Pensky Martins Method)
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	Not soluble in water, soluble in alcohol
Auto-ignition temperature (°C)	No additional data available.

9.2 OTHER INFORMATION

No additional data available.



SECTION 10: STABILITY AND REACTIVITY

10.1 REACTIVITY

No additional data available.

10.2 CHEMICAL STABILITY

Product is stable under normal temperature conditions

10.3 POSSIBLE HAZARD REACTIONS

Hazardous polymerisation does not occur.

10.4 CONDITIONS TO AVOID

Keep away from heat or flame. Use only in a well-ventilated area.

10.5 INCOMPATIBLE MATERIALS

Oxidising Agents, strong acids, strong alkalis.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

The thermal decomposition may release/form :
 - carbon monoxide (CO)
 - carbon dioxide (CO₂)

SECTION 11: TOXOLOGICAL INFORMATION

11.1 INFORMATION ON TOXOLOGICAL EFFECTS

Acute toxicity	No additional data available.
Skin corrosion / irritation	Potential irritant.
Serious eye damage/irritation	Potential irritant
Respiratory or skin sensitisation	Potential irritant. Contains allergens.
Germ cell mutagenicity	Not determined.
Carcinogenicity	No additional data available.
Reproductive toxicity	No additional data available.
STOT-single exposure	No additional data available.
STOT-repeated exposure	No additional data available.
Aspiration hazard	No additional data available.
Photo-toxicity	No additional data available.
Other information:	No additional data available.



SECTION 12: ECOLOGICAL INFORMATION

12.1 TOXICITY

Fish Toxicity: Species: Toxicity by Daphnia (LC50): 26.40 mg/l/48 hour Interpretation – moderate

12.2 PERSISTENCE AND DEGRADABILITY

Biodegradability : regarded as readily biodegradable.

12.3 BIOACCUMULATION POTENTIAL

Not determined.

12.4 MOBILITY IN SOIL

Not determined.

12.5 RESULTS OF PBT AND VPVB ASSESSMENT

Not determined.

12.6 OTHER ADVERSE EFFECTS

No additional data available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Regulations for Disposal generally vary according to location. Contact local waste disposal authority for advice, or pass to a chemical disposal company. Ensure compliance with local, state and federal regulations.

SECTION 14: TRANSPORT INFORMATION

14.1 UN NUMBER

UN No. Road	UN 3082
UN No. Sea	UN 3082
UN No. Air	UN 3082

14.2 UN PROPER SHIPPING NAME

Environmentally Hazardous Liquid (N.O.S)

14.3 TRANSPORT HAZARD CLASS(ES)



ADR/RID/ADN Class 9
 ADR/RID/ADN Class Class 9
 IMDG Class 9
 ICAO Class/Division 9

14.4 PACKAGING GROUP

ADR/RID/ADN Packing group III
 IMDG Packing group III
 ICAO Packing group III

14.5 ENVIRONMENTAL HAZARDS



Environmentally Hazardous Liquid, Marine Pollutant

14.6 SPECIAL PRECAUTIONS FOR USER

Dangerous Goods Note.

14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL73/78 AND THE IBC CODE

No additional data available

SECTION 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENT REGULATIONS / LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No. 716).

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG (108).

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 CHEMICAL SAFETY ASSESSMENT

No additional information available.

SECTION 16: OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	None
Other Information	Complies with REACH guidance for SDS as circulated by ECHA 2011.
Version	5
Revision Date	13 th August 2019
Reason for Revision	Signal Word

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