

SCENT METHOD**SAFETY DATA SHEET**

In accordance with UN GHS latest edition

Product: Patchouli Essential Oil RM089**Version:** 1**Section 1. Identification of the substance or the mixture and of the supplier****1.1 Product Identifier****Product identifier:** Patchouli oil; CAS: 84238-39-1**Other identifiers:** Patchouli Essential Oil RM089 Patchouli extract**1.2 Relevant identified uses of the substance of mixture and uses advised against****Product uses:** Essential Oil**1.3 Details of the supplier of the safety data sheet****Company name:** Scent Method**Company address:** 237 Kurrajong Road
Prestons
NSW
2170
Australia.**Contact:** Regulatory Affairs**E-Mail address:** info@scentmethod.com**Company phone:** 0419 142 507**1.4 Emergency telephone number****Emergency phone:** 0419 142 507**Section 2. Hazards identification****2.1 Classification of the substance or mixture****Class and category of danger:** Skin Corrosion / Irritation Category 2
Skin Corrosion / Irritation Category 3
Eye Damage / Irritation Category 2
Sensitization - Skin Category 1
Aspiration Hazard Category 1
Hazardous to the Aquatic Environment - Acute Hazard Category 2
Hazardous to the Aquatic Environment - Long-term Hazard Category 2
H304, May be fatal if swallowed and enters airways.
H315, Causes skin irritation.
H316, Causes mild skin irritation.
H317, May cause an allergic skin reaction.
H319, Causes serious eye irritation.
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.

SCENT METHOD**SAFETY DATA SHEET**

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Product: Patchouli Essential Oil RM089**Version:** 1

H315, Causes skin irritation.
 H316, Causes mild skin irritation.
 H317, May cause an allergic skin reaction.
 H319, Causes serious eye irritation.
 H411, Toxic to aquatic life with long lasting effects.

M factor: None**Precautionary statements:**

P261, Avoid breathing vapour or dust.
 P264, Wash hands and other contacted skin thoroughly after handling.
 P272, Contaminated work clothing should not be allowed out of the workplace.
 P273, Avoid release to the environment.
 P280, Wear protective gloves/eye protection/face protection.
 P301/310, IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P302/352, IF ON SKIN: Wash with plenty of soap and water.
 P305/351/338, IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P331, Do not induce vomiting.
 P333/313, If skin irritation or rash occurs: Get medical advice/attention.
 P337/313, If eye irritation persists: Get medical advice/attention.
 P362, Take off contaminated clothing and wash before reuse.
 P391, Collect spillage.
 P405, Store locked up.
 P501, Dispose of contents/container to approved disposal site, in accordance with local regulations.

Pictograms:**2.3 Other hazards****Other hazards:** None**Section 3. Composition / information on ingredients****3.1 Substances****Product identifier:** Patchouli oil; CAS: 84238-39-1**Contains:**

Name	CAS	%	GHS Classification
Patchouli alcohol	5986-55-0	20-<50%	Aquatic Acute 2-Aquatic Chronic 2;H411
alpha-Guaiene	3691-12-1	10-<20%	Skin Irrit. 2-Eye Irrit. 2A-Asp. Tox 1;H304-H315-H319

SCENT METHOD**SAFETY DATA SHEET**

In accordance with UN GHS latest edition

Product: Patchouli Essential Oil RM089**Version:** 1

beta-Caryophyllene	87-44-5	1-<5%	Skin Sens. 1B-Asp. Tox 1-Aquatic Chronic 4;H304-H317-H413
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Section 4. First-aid measures**4.1 Description of first aid measures****Inhalation:** Remove from exposure site to fresh air, keep at rest, and obtain medical attention.**Eye exposure:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.**Skin exposure:** IF ON SKIN: Wash with plenty of soap and water.**Ingestion:** IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.**4.2 Most important symptoms and effects, both acute and delayed**

May be fatal if swallowed and enters airways.

Causes skin irritation.

Causes mild skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

4.3 Indication of any immediate medical attention and special treatment needed

None expected, see Section 4.1 for further information.

Section 5: Firefighting measures**5.1 Extinguishing media**

Suitable media: Carbon dioxide, Dry chemical, Foam.

5.2 Special hazards arising from the substance or mixture

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.

5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

Section 6. Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures:**

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

6.3 Methods and material for containment and cleaning up:

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

SCENT METHOD

SAFETY DATA SHEET

In accordance with UN GHS latest edition

Product: Patchouli Essential Oil RM089

Version: 1

6.4 Reference to other sections:

Also refer to sections 8 and 13.

Section 7. Handling and storage

7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

7.3 Specific end use(s):

Essential Oil: Use in accordance with good manufacturing and industrial hygiene practices.

Section 8. Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limits: Not Applicable

8.2 Exposure Controls

Eye / Skin Protection

Wear protective gloves/eye protection/face protection

Respiratory Protection

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

Section 9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Not determined
Odour:	Not determined
Odour threshold:	Not determined
pH:	Not determined
Melting point / freezing point:	Not determined
Initial boiling point / range:	Not determined

SCENT METHOD**SAFETY DATA SHEET**

In accordance with UN GHS latest edition

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Version:	1
Flash point:	114.5 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Upper/lower flammability or explosive limits:	Product does not present an explosion hazard
Vapour pressure:	Not determined
Vapour density:	Not determined
Relative density:	Not determined
Solubility(ies):	Not determined
Partition coefficient: n-octanol/water:	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	Not expected
Oxidising properties:	Not expected
9.2 Other information:	None available

Section 10. Stability and reactivity**10.1 Reactivity:**

Presents no significant reactivity hazard, by itself or in contact with water.

10.2 Chemical stability:

Good stability under normal storage conditions.

10.3 Possibility of hazardous reactions:

Not expected under normal conditions of use.

10.4 Conditions to avoid:

Avoid extreme heat.

10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.

10.6 Hazardous decomposition products:

Not expected.

Section 11. Toxicological information**11.1 Information on toxicological effects**

Acute Toxicity:	Based on available data the classification criteria are not met.
Acute Toxicity Oral	Not Applicable
Acute Toxicity Dermal	Not Applicable
Acute Toxicity Inhalation	Not Available

SCENT METHOD**SAFETY DATA SHEET**

In accordance with UN GHS latest edition

Product: Patchouli Essential Oil RM089**Version:** 1

Skin corrosion/irritation: Skin Corrosion / Irritation Category 2
Skin Corrosion / Irritation Category 3

Serious eye damage/irritation: Eye Damage / Irritation Category 2

Respiratory or skin sensitisation: Sensitization - Skin Category 1

Germ cell mutagenicity: Based on available data the classification criteria are not met.

Carcinogenicity: Based on available data the classification criteria are not met.

Reproductive toxicity: Based on available data the classification criteria are not met.

STOT-single exposure: Based on available data the classification criteria are not met.

STOT-repeated exposure: Based on available data the classification criteria are not met.

Aspiration hazard: Aspiration Hazard Category 1

Information about hazardous ingredients in the mixture

Not Applicable

Refer to Sections 2 and 3 for additional information.

Section 12. Ecological information**12.1 Toxicity:**

Toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability: Not available**12.3 Bioaccumulative potential:** Not available**12.4 Mobility in soil:** Not available**12.5 Other adverse effects:** Not available**Section 13. Disposal considerations****13.1 Waste treatment methods:**

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport information

	14.1 UN number:	14.2 UN Proper Shipping Name:	14.3 Transport hazard class(es):	Sub Risk:	14.4 Packing Group:
UN Model Regulations	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Patchouli alcohol)	9	-	III

SCENT METHOD**SAFETY DATA SHEET**

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IMDG	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Patchouli alcohol) MARINE POLLUTANT	9	-	III
ADR,RID,ADN	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Patchouli alcohol)	9	-	III
ICAO TI	UN3082	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Patchouli alcohol)	9	-	III

14.5 Environmental hazards: This is classified as an environmentally hazardous substance under the UN Model Regulations. This is classified as a Marine Pollutant under the IMDG Code.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

Section 15. Regulatory information

None additional

Section 16. Other information

Concentration % Limits: EH A2=80.65% EH A3=8.06% EH C2=80.65% EH C3=8.06% EH C4=73.53% SCI 2=68.97% SCI 3=6.90% EDI 2A=68.97% SS 1=33.33% AH 1=15.63%

Total Fractional Values: EH A2=1.24 EH A3=12.40 EH C2=1.24 EH C3=12.40 EH C4=1.36 SCI 2=1.45 SCI 3=14.50 EDI 2A=1.45 SS 1=3.00 AH 1=6.40

Key to revisions:

Not applicable

Key to abbreviations:

Abbreviation	Meaning
Aquatic Acute 2	Hazardous to the Aquatic Environment - Acute Hazard Category 2
Aquatic Chronic 2	Hazardous to the Aquatic Environment - Long-term Hazard Category 2
Aquatic Chronic 4	Hazardous to the Aquatic Environment - Long-term Hazard Category 4
Asp. Tox 1	Aspiration Hazard Category 1
Eye Irrit. 2A	Eye Damage / Irritation Category 2A
H304	May be fatal if swallowed and enters airways.
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P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/face protection.
P301/310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
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P333/313	If skin irritation or rash occurs: Get medical advice/attention.
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P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
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P501	Dispose of contents/container to approved disposal site, in accordance with local regulations.
Skin Irrit. 2	Skin Corrosion / Irritation Category 2
Skin Sens. 1B	Sensitization - Skin Category 1B

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.