

01 Identification of the substance/mixture and of the company/undertaking

1. Product identifier
 - Trade name:
PATCHOULI ESSENCE NATURAL
2. Relevant identified uses of the substance or mixture and uses advised against
 - Application of the substance / the preparation
Aromatic ingredient(s). Industrial use only.
 - Uses advised against
not applicable
3. Details of the supplier of the safety data sheet

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5FJ ENGLAND
+44(0)1908334100
johnblack@aromatrading.com

4. Emergency telephone number:
Members of the public seeking specific information on poisons should contact: In England and Wales: NHS 111 - dial 111 In Scotland: NHS 24 - dial 111

02 Hazards identification

1. Classification of the substance or mixture
 - GHS Classification



GHS08

Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irrit. 2 - H315 Causes skin irritation.
Eye Irrit. 2 - H319 Causes serious eye irritation.
Skin Sens. 1 - H317 May cause an allergic skin reaction.
Aquatic Chronic 3 - H412 Harmful to aquatic life with long lasting effects.

- Additional information:
Full text of H statements: see section 16

2. Label elements
 - GHS Label Elements

- Hazard pictograms



GHS08



GHS07

- Signal word
Danger
- Hazard-determining components of labelling:
delta-Guaiene / alpha-Guaiene / beta-Caryophyllene
- Hazard statements
H304 May be fatal if swallowed and enters airways.

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H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

- Precautionary statements
 - P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 - P264 Wash thoroughly after handling.
 - P272 Contaminated work clothing should not be allowed out of the workplace.
 - P273 Avoid release to the environment.
 - P331 Do NOT induce vomiting.
 - P501 Dispose of contents/container in accordance with local/regional/ national/international regulations.

3. Other hazards
 - Results of PBT and vPvB assessment
 - PBT: None of the ingredients is listed.
 - vPvB: None of the ingredients is listed.

03 Composition/information on ingredients

- Chemical characterization

- Dangerous components:

CAS Number

		%
3691-11-0	delta-Guaiene Asp. Tox. 1 - H304; Skin Irrit. 2 - H315, Eye Irrit. 2 - H319	10,00- 20,00
3691-12-1	alpha-Guaiene EC number: 641-402-1 Asp. Tox. 1 - H304; Skin Irrit. 2 - H315, Eye Irrit. 2 - H319	10,00- 20,00
5986-55-0	Patchouli alcohol EC number: 227-807-2 Aquatic Chronic 2 - H411	5,00- 10,00
87-44-5	beta-Caryophyllene EC number: 201-746-1 Asp. Tox. 1 - H304; Skin Sens. 1B - H317	1,00- 5,00

04 First aid measures

1. Description of first aid measures

- General information:
Seek immediate medical advice.
- After inhalation:
Supply fresh air; consult doctor in case of complaints.
- After skin contact:
Immediately wash with water and soap and rinse thoroughly.
- After eye contact:
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- After swallowing:
If symptoms persist consult doctor.

2. Most important symptoms and effects, both acute and delayed
No further relevant information available.

3. Indication of any immediate medical attention and special treatment needed
No further relevant information available.

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05 Firefighting measures

1. Extinguishing media
 - Suitable extinguishing agents:
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 - For safety reasons unsuitable extinguishing agents:
Non applicable
2. Special hazards arising from the substance or mixture
No further relevant information available.
3. Advice for firefighters
No specific advice

06 Accidental release measures

1. Personal precautions, protective equipment and emergency procedures
 - For non-emergency personnel
Wear protective equipment. Keep unprotected persons away.
 - For emergency responders
Wear protective equipment. Keep unprotected persons away.
2. Environmental precautions:
Do not allow to enter sewers/ surface or ground water.
3. Methods and material for containment and cleaning up:
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose contaminated material as waste according to item 13.
Ensure adequate ventilation.
4. Reference to other sections
See Section 13 for disposal information.

07 Handling and storage

1. Precautions for safe handling
 - Avoid contact with skin and eyes Wear appropriate protective equipments (gloves, glasses ...)
 - Information about fire - and explosion protection:
Keep ignition sources away - Do not smoke.
2. Conditions for safe storage, including any incompatibilities
 - Requirements to be met by storerooms and receptacles:
Avoid exposure to extreme temperatures. Avoid prolonged contact with certain plastic materials (PVC..)
 - Further information about storage conditions:
None.
3. Specific end use(s)
No further relevant information available.

08 Exposure controls/personal protection

1. Control parameters
 - Ingredients with limit values that require monitoring at the workplace:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
 - Ingredients with biological limit values:
No further relevant information available.
2. Exposure controls
 - Personal protective equipment:
- General protective and hygienic measures:
Avoid contact with the eyes and skin.

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- Respiratory protection:
Use suitable respiratory protective device in case of insufficient ventilation.
- Protection of hands:
Only use chemical-protective gloves with CE-labelling of category III.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Penetration time of glove material
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye protection:
Safety glasses
- Body protection:
Protective work clothing
- Limitation and supervision of exposure into the environment
No further relevant information available.

09 Physical and chemical properties

General Information

Appearance:

Form: Fluid

Odour: Characteristic

pH-value: Not determined.

Change in condition

Melting point/freezing point: Undetermined.

Initial boiling point and boiling range: > 35 °C

Flash point: >= 100 °C

Flammability (solid, gas): Not applicable.

Ignition temperature: Undetermined.

Decomposition temperature: Not determined.

Auto-ignition temperature: Not determined.

Explosive properties: Not determined.

Explosion limits:

Lower: Not determined.

Upper: Not determined.

Vapour pressure: Not determined.

Density: Not determined.

Relative density 0,9380 - 0,9580 (20°C)

Vapour density Not determined.

Evaporation rate Not determined.

Solubility in / Miscibility with

water: Not determined.

Partition coefficient: n-octanol/water: Not determined.

Viscosity:

Dynamic: Not determined.

Kinematic: Not determined.

Other information No further relevant information available.

Additional information Not applicable.

Surface tension: Not determined.

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10 Stability and reactivity

1. Reactivity
No further relevant information available.
2. Chemical stability
Good stability at conditions of use mentioned in point 7 and 10
3. Possibility of hazardous reactions
Reacts with strong oxidising agents.
4. Conditions to avoid
Avoid temperatures near the flash point (see Section 9). Avoid contact with oxidizing agents.
5. Incompatible materials:
No further relevant information available.
6. Hazardous decomposition products:
No dangerous decomposition products known.

11 Toxicological information

1. Information on toxicological effects
 - Acute toxicity
Based on available data, the classification criteria are not met.
 - Skin corrosion / irritation
Causes skin irritation.
 - Serious eye damage / irritation
Causes serious eye irritation.
 - Respiratory / skin sensitization
May cause an allergic skin reaction.
 - 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
May be fatal if swallowed and enters airways.
 - Aspiration hazard
May be fatal if swallowed and enters airways.
 - Other information
No further relevant information available.

12 Ecological information

1. Toxicity
 - Aquatic toxicity:
Based on available data, the classification criteria are not met.

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2. Persistence and degradability
Harmful to aquatic life with long lasting effects.
- Behaviour in environmental systems:
3. Bioaccumulative potential
Not available
4. Mobility in soil
Not available
5. Results of PBT and vPvB assessment
 - PBT:
Not applicable.
 - vPvB:
Not applicable.
6. Other adverse effects
No further relevant information available.

13 Disposal considerations

1. Waste treatment methods
 - Recommendation
Must be specially treated adhering to official regulations.
 - Uncleaned packaging:
 - Recommendation:
Disposal must be made according to official regulations.

14 Transport information

1. UN-Number

.ADR	Void
.IMDG	Void
.IATA	Void
2. UN proper shipping name

.ADR	Void
.IMDG	Void
.IATA	Void
3. Transport hazard class(es)

.ADR	Void
.Class	Void
.IMDG	Void
.Class	Void
.IATA	Void
.Class	Void
4. Packing group

.ADR	Void
.IMDG	Void
.IATA	Void
5. Environmental hazards:
Not applicable.
6. Special precautions for user
Not applicable.

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7. Transport in bulk according to Annex II of Marpol and the IBC Code
Not applicable.

15 Regulatory information

- National regulations:
- Waterhazard class:
Water hazard class 2 (Self-assessment): hazardous for water.
- Poisons Act
- Regulated explosives precursors
None of the ingredients is listed.
- Regulated poisons
None of the ingredients is listed.
- Reportable explosives precursors
None of the ingredients is listed.
- Reportable poisons
None of the ingredients is listed.

2. Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

1. Relevant phrases

H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H411	Toxic to aquatic life with long lasting effects.
2. Department issuing MSDS:
Legislation / Regulatory Affairs Department
3. Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organisation
ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
4. Sources

RIFM Database
Suppliers Information
REACH registration dossier
IFRA/IOFI Labelling Manual

* Data compared to the previous version altered.