



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

Product Identifier

Product Name: Spikenard Essential Oil

Common Name: Spikenard Oil

Botanical Name: *Nardostachys jatamansi* (D. Don) DC.

INCI Name: *Nardostachys Jatamansi* Root Oil

CAS Number: 8022-22-8

Product Type: Essential Oil

Extraction Method: Steam Distillation

Recommended Use

Perfumery raw material intended for fragrance creation, cosmetic manufacture, aromatics, and personal care formulations.

Professional use only.

Supplier

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Email: info@aromology.com
Website: www.aromology.com

SECTION 2: Hazard Identification



Classification (GHS)

Based on available information for natural essential oils, this product is classified as:

- Skin Sensitisation – Category 1
- Aspiration Hazard – Category 1
- Hazardous to the Aquatic Environment (Chronic) – Category 3

Signal Word

Danger

Hazard Pictograms

- GHS08 – Health Hazard
- GHS07 – Exclamation Mark

Hazard Statements

- H304 May be fatal if swallowed and enters airways.
- H317 May cause an allergic skin reaction.
- H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

- P261 Avoid breathing vapours or mist.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves, protective clothing and eye protection.
- P301+P310 IF SWALLOWED: Immediately call a POISON CENTRE or physician.
- P331 Do NOT induce vomiting.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
- P501 Dispose of contents/container in accordance with local regulations.

SECTION 3: Composition / Information on Ingredients



Component	CAS No.	Concentration
Spikenard Essential Oil (<i>Nardostachys jatamansi</i>)	8022-22-8	100%

SECTION 4: First Aid Measures

Inhalation

Move the affected person to fresh air.

Keep warm and at rest.

Seek medical advice if symptoms persist.

Skin Contact

Remove contaminated clothing.

Wash thoroughly with soap and water.

Seek medical attention if irritation or sensitisation develops.

Eye Contact

Immediately rinse cautiously with water for at least 15 minutes.

Remove contact lenses if present.

Seek medical attention if irritation persists.

Ingestion

Rinse mouth.

Do not induce vomiting.

Immediately seek medical attention due to aspiration hazard.

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

- Carbon dioxide



- Dry chemical powder
- Alcohol-resistant foam
- Water spray

Unsuitable Extinguishing Media

Do not use a direct water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating organic fumes

Protective Equipment

Wear self-contained breathing apparatus and full protective clothing.

SECTION 6: Accidental Release Measures

Wear appropriate personal protective equipment.

Avoid breathing vapours.

Remove all ignition sources.

Prevent entry into drains and waterways.

Absorb with inert absorbent material such as sand, vermiculite or diatomaceous earth.

Collect into suitable labelled waste containers.

Clean the contaminated area thoroughly.

SECTION 7: Handling and Storage

Handling

- Avoid contact with skin and eyes.
- Avoid inhalation of vapours.
- Use only in well-ventilated areas.



- Observe good industrial hygiene practices.

Storage

- Store in tightly closed original containers.
- Store in a cool, dry and well-ventilated area.
- Protect from direct sunlight.
- Keep away from heat and strong oxidising agents.

Recommended storage temperature: 15–25 °C

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls

Provide adequate local exhaust ventilation.

Personal Protective Equipment

Eye Protection

Chemical safety goggles.

Hand Protection

Chemical-resistant nitrile gloves.

Respiratory Protection

Organic vapour respirator where ventilation is inadequate.

Body Protection

Protective laboratory clothing.

SECTION 9: Physical and Chemical Properties

Property	Specification
Appearance	Pale yellow to amber liquid
Odour	Deep woody, earthy, balsamic, musky, herbaceous
Physical State	Liquid



Property	Specification
Relative Density (20 °C)	0.930–0.980
Refractive Index (20 °C)	1.4850–1.5100
Optical Rotation	Variable
Flash Point	>75 °C
Solubility	Insoluble in water
Solubility in Ethanol	Soluble

SECTION 10: Stability and Reactivity

Reactivity

No hazardous reactions are expected under recommended storage conditions.

Chemical Stability

Stable under normal conditions of storage and use.

Conditions to Avoid

- Heat
- Open flames
- Direct sunlight
- Strong oxidising agents

Hazardous Decomposition Products

Carbon monoxide, carbon dioxide and irritating organic fumes.

SECTION 11: Toxicological Information

Based on available information:

- May cause allergic skin reactions.
 - Aspiration hazard if swallowed.
 - Prolonged exposure may cause mild skin irritation.
 - No known carcinogenic, mutagenic or reproductive effects under intended conditions of use.
-



SECTION 12: Ecological Information

Avoid uncontrolled release into the environment.

Harmful to aquatic organisms with long-lasting effects.

Expected to be biodegradable under normal environmental conditions.

SECTION 13: Disposal Considerations

Dispose of contents and containers in accordance with applicable local, regional and national regulations.

Do not discharge into drains or waterways.

SECTION 14: Transport Information

Item	Information
UN Number	Not Regulated
Proper Shipping Name	Not Regulated
Transport Hazard Class	Not Applicable
Packing Group	Not Applicable
Marine Pollutant	No

SECTION 15: Regulatory Information

Prepared in accordance with:

- Globally Harmonized System (GHS)
 - REACH Regulation (EC) No. 1907/2006
 - CLP Regulation (EC) No. 1272/2008
-

SECTION 16: Other Information

Spikenard Essential Oil is obtained by steam distillation of the roots and rhizomes of *Nardostachys jatamansi*. It possesses a rich woody, earthy, balsamic, musky and slightly



animalic aroma and is highly valued in fine perfumery, incense, oriental accords, traditional aromatics and luxury cosmetic applications. Due to its concentrated nature, appropriate industrial hygiene practices and suitable personal protective equipment should be observed during handling.

The information contained in this Safety Data Sheet is believed to be accurate at the date of issue and is intended solely as guidance for the safe handling, storage, transport and use of this material. It does not constitute a warranty regarding product properties or suitability for any particular application.

Authorised By:
Fozia Khot
Director