



## Safety Data Sheet

### Section 1: Identification

Product Name: Spikenard Oil

Botanical Name: Nardostachys jatamansi

Synonyms: Nardostachys grandiflora, Nardus indica, Patrinia jatamansi, Valeriana jatamansi, Valeriana wallichii, Nardostachys chinensis, Nardostachys gracilis

INCI Name: Nardostachys chinensis root oil

CAS #: 8022-22-8

Country of Origin: Nepal

Company: Soapgoods Inc

Address: 1824 Willow Trail Pkwy, Ste 200. Norcross. GA 30093

Phone: (404) 924-9080

E-Mail: wecare@soapgoods.com

Emergency Phone: Chemtrec: 1-800-424-9300

Recommended Use: Personal Care

### Section 2: Composition/Information on Ingredients

**Chemical Identification:** Oil, spikenard

**UN No. 2319:** Terpene hydrocarbons, n.o.s. Packaging Group: III Class: 3

### Section 3: Hazard(s) Identification

Carvacrol.

### Section 4: Physical and Chemical Properties

**Appearance:** Golden yellow to greenish color slightly viscous liquid.

**Odor:** Characteristic earthy pleasant woody odor.

**Solubility:** Soluble in alcohol and oils. Insoluble in water.

**Specific Gravity:** 0.930 - 0.98 @ 20°C

**Optical Rotation:** -12.0 - -8.0 @ 20°C

**Refractive Index:** 1.500 - 1.545 @ 20°C

**Gurjunene:** 30 - 65 %

**Patchoulene:** 10 - 30 %

**Maaliene:** 5.0 - 18 %

**Extraction Method:** Steam distillation of the dried root.

**Contents:** Gurjunene, patchoulene, maaliene, aristolone, patchouli alcohol, seychellene, nardol, nardostachone, camphene, pinene, limonene

**Flash Point:** 85 °C

## **Section 5: Fire-Fighting Measures**

**Flash Point:** 85 °C Combustible liquid. Will ignite if moderately heated.

## **Section 6: Stability and Reactivity**

**Reactivity:** Stable.

**Decomposition:** When heated to decomposition produces toxic and carbon monoxide smoke.

## **Section 7: Toxicological Information/Information**

Liquid may irritate skin and eyes. Should be avoided during pregnancy.

## **Section 8: Exposure Controls/Personal Protection**

**Spillage:** Absorb spills, cover with an inert, non-combustible, inorganic absorbent material, and remove to an approved disposal container.

**Fire:** Recommended extinguishing media - CO<sub>2</sub>, foam and dry chemicals. DO NOT use direct water jet on burning material.

**Environment:** Keep away from drains, surface and ground water.

**Storage:** Store in cool, dry and well ventilated area protected in tightly closed container away from sources of ignition, heat and sunlight. Keep air contact to minimum.

## **Section 9: First-Aid Measures**

**Eye contact:** Flush with water for at least 15 minutes. Call physician if irritation persists.

**Inhalation:** Remove to fresh air. Avoid casual breathing.

**Ingestion:** Rinse mouth and consult a physician immediately. Never-give anything by mouth if victim is unconscious, is rapidly-losing consciousness, or is convulsing.

**Skin contact:** Remove contaminated clothing. Wash with soap and plenty of water.

## **Section 10: Stability and Reactivity**

**Stability:** Chemically stable. This material presents no significant reactivity hazard.

**Conditions to Avoid:** Avoid sparks, flame and excessive heat.

**Materials to Avoid:** Strong oxidizing agents.

**Flammability:** Combustible liquid.

**Hazardous Polymerization:** Will not occur. Hazardous Combustion or None known.

**Decomposition Products:** When heated to decomposition produces acid fumes and carbon monoxide smoke.

## **Section 11: Toxicological Information**

**Inhalation:** Inhalation of high concentrations of vapor may result in irritation of eyes, nose and throat, headache, nausea, and dizziness.

**Skin Contact:** Repeated or prolonged contact can cause redness, irritation and scaling of skin (Dermatitis).

Adverse skin effects should be prevented by normal care and personal hygiene

Eye Contact: May irritate eyes.

Ingestion: Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting. Medical Conditions Aggravated: No Known toxicity. Avoid use during pregnancy. by Exposure:

May aggravate dermatitis, psoriasis and other skin conditions.

Chronic Toxicity: May cause allergic reactions on skin

Carcinogenicity Data: None of the components of this material are listed as a carcinogen.

Reproductive Toxicity: No adverse effects on reproduction are known. Acute Toxicity Values: No data is currently available.

## **Section 12: Ecological Information**

Very toxic to aquatic organism may cause long-term adverse effects in the aquatic environment. Avoid any pollution of ground, surface or underground water.

## **Section 13: Disposal Considerations**

Incineration or sanitary landfill in accordance with local, provincial and federal regulations. Check with disposal expert to insure compliance

## **Section 14: Transport Information**

Chemical Identification Oils

UN No. 1169 Liquid aromatic extract

Packaging Group: III Class: 3

US DOT Shipping Description: Check appropriate authority

IATA Shipping (Air): Check appropriate authority

IMDG Shipping Description: Check appropriate authority

## **Section 15: Regulatory Information**

**WHMIS (Canada):** Class 3

**HMIS (USA):** Health Hazard - Fire Hazard - Reactivity -

**SARA 302/ SARA 313:** None

**California Proposition 65:** This product does not contain chemical listed per the Safe Drinking Water and Enforcement Act of 1986.

**EU Labeling:** R10 Flammable.

**Xn R22:** Harmful if swallowed.

**Xi R38:** Irritating to skin

**S36/37/38:** Wear suitable protective clothing, gloves and eye/face protection.

## **Section 16: Other Information**

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