

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Spikenard Organic Essential Oil
Botanical name	:	Nardostachys grandiflora DC
Synonyms	:	Jatamansi Oil; Nardostachys grandiflora in wild
INCI name	:	Nardostachys Jatamansi Root Oil
Country of Origin	:	Nepal
Product use	:	Domestic and Industrial
Supplier	:	New Directions Aromatics Inc.
Address	:	6781 Columbus Road, Mississauga, Ontario, CANADA L5T 2G9
Fax	:	905-362-1926
Telephone number	:	905-362-1915
Emergency phone number	:	(613)-996-6666 CANUTEC 24 HOUR EMERGENCY

2. HAZARDS IDENTIFICATION

Emergency Overview

GHS Classification

Flammable liquids - Category 3

Aspiration Hazard - Category 1

GHS Label elements, including precautionary statements



Signal: Danger

Hazard statement(s)

H227	Combustible liquid.
H304	May be fatal if swallowed and enters airways.

Precautionary statement(s)

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor/
P331	Do NOT induce vomiting.
P370+P378	In case of fire: Use appropriate fire extinguisher to extinguish.
P403+P235	Store in a well ventilated place. Keep cool.
P501	Dispose of contents/container to ...

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Monoterpenes: alpha-pinene	4180-23-8	224-052-0	30 - 100 %
Sesquiterpenes: jatamol, beta-gurjunene, E-beta-farnesene, seychellene, beta-elemene.	5989-27-5	227-813-5	0.3 - 1 %
Monoterpenes alcohols: 1,8-cineol.	80-56-8	201-291-9	1 - 3 %

4. FIRST AID MEASURES

Eye contact

Hold the eyelids apart and flush the eyes continuously with running water for at least 15 minutes. Contact a doctor if irritation occurs.

Skin contact

Remove contaminated clothing. Wash area with soap and water. If irritation occurs, get medical attention.

Inhalation

If inhaled, removed to fresh air. Get medical attention if symptoms appear.

Ingestion

Dilute with water. Do not induce vomiting. Get medical attention or contact the poison control centre.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Water, foam, dry chemical powder, carbon dioxide.

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Fire fighters to wear self-contained breathing apparatus and suitable protective clothing. If safe to do so, remove containers from the path of fire. Keep containers cool with water spray.

Special hazards arising from the substance or its combustible products

Heating can cause expansion/ decomposition of the material which can lead to containers exploding.

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Respiratory protection equipment may be necessary.

Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if product enters sewers or public waters.

Methods and materials for containment and cleaning up

Use absorbent material (soil, sand or other inert material). Use non-sparking tools. Collect & seal in properly labeled containers or, drums for disposal. Wash area down with detergent and excess water.

7. HANDLING AND STORAGE

Precautions for safe handling

Do not expose to heat and flame; use only ventilated areas. Avoid sparks or smoking during use. Avoid skin & eye contact and breathing in vapor, mists & aerosols.

Conditions for safe storage, including any incompatibilities

Store in a cool, dry, well-ventilated area out of the direct sunlight. Store away from heat/ ignition sources and from oxidizers. Keep in glass, suitable plastic, aluminum or, lacquer-lined containers. Keep containers closed when not in use.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Eyes

Use tightly sealed goggles.

Skin

If skin contact or contamination of clothing is likely, protective clothing should be worn. Use protective gloves.

Respiratory

In case of insufficient ventilation, wear suitable respiratory equipment.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Pale yellow/ amber/ deep blue slightly viscous liquid.
Odor	:	Heavy, sweet-woody, spicy odor.
Flash point	:	> 60 °C
Relative density	:	0.890 - 0.980 @ 20 °C
Solubility (ies)	:	Soluble in ethanol.
Refractive index	:	1.456 - 1.466 @ 20 deg C.

10. STABILITY AND REACTIVITY

Chemical stability

Chemically stable.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Avoid sparks, flame and other heat sources.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Carbon Oxides.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Carcinogenicity

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

Chronic toxicity

May cause allergic reactions on skin.

Teratogenicity

Not available.

Mutagenicity

Not available.

Respiratory or skin sensitization

Irritating to respiratory system and skin.

Inhalation

Irritant to mucous membrane of respiratory tract.

Skin contact

May cause sensitization by skin contact.

Eye contact

Irritating to eyes.

Ingestion

Harmful if ingested; can cause nausea, vomiting, diarrhea & abdominal pain.

12. ECOLOGICAL INFORMATION

Ecotoxicity

Avoid contaminating waterways. Prevent contamination of soil & ground. Do not discharge product unmonitored into environment. Harmful to aquatic organisms. May cause long term adverse effects in the aquatic environment.

Persistence and degradability

Not available.

Bio - accumulative potential

Not available.

Mobility in soil

Not available.

Other adverse effects

Not available.

13. DISPOSAL CONSIDERATION

Dispose of product in accordance with local, state or provincial and federal regulations. Check with local municipal authority to ensure compliance.

14. TRANSPORT INFORMATION

UN Number

NA 1993

UN proper shipping name

Combustible liquid,, n.o.s. (Spikenard Oil)

Transport hazard class

3

Packing group

III

15. REGULATORY INFORMATION

GHS Hazard Statements

Please refer to section 2.

GHS Precautionary Statements

Please refer to section 2.

16. OTHER INFORMATION

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Disclaimer & Caution

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