

## 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 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

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### 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

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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

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### 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

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### 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**

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### **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**

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

## **14. TRANSPORT INFORMATION**

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### **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**

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### **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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