

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Sandalwood Essential Oil Organic
Botanical name	:	Santalum spicatum
Synonyms	:	Fusanus spicatus
INCI name	:	Fusanus Spicatus Wood Oil
CAS #	:	8024-35-9
Country of Origin	:	Australia
EINECS #	:	296-618-5
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

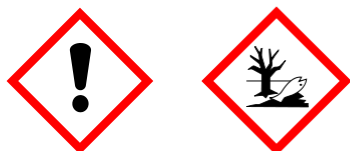
Skin Irritation - Category 2

Skin Sensitization - Category 1

Serious eye damage/eye irritation - Category 2A

Hazardous to the aquatic environment, long-term hazard - Category 2

### GHS Label elements, including precautionary statements



Signal: Warning

### Hazard statement(s)

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.

### Precautionary statement(s)

P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.

P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.
P501	Dispose of contents/container according to local regulations.

### 3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Fusanus Spicatus Wood Oil	8024-35-9	296-618-5	100 %

### 4. FIRST AID MEASURES

#### Eye contact

Immediately flush eyes with plenty of cool water for at least 15 minutes. Get medical attention 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

Seek medical attention or contact local poison control center.

### 5. FIRE FIGHTING MEASURES

#### Suitable extinguishing media

Foam, dry powder, carbon dioxide.

#### Special protective equipment and precautions for fire-fighters

Firefighters should wear proper protective equipment and self – contained breathing apparatus with full facepiece operated in positive pressure mode.

#### Resulting gases

Carbon oxides.

### 6. ACCIDENTAL RELEASE MEASURES

#### Personal precautions, protective equipment and emergency procedures.

Respiratory protection equipment may be necessary. Safety glasses, uniform, apron, solvent – resistant gloves are recommended.

#### 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

Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers.

## 7. HANDLING AND STORAGE

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### Precautions for safe handling

No direct lighting. No smoking. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety procedures.

### Conditions for safe storage, including any incompatibilities

Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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### Exposure controls

No Exposure Standard allocated.

### Eyes

Eye protection (safety glasses), should be used when handling the substance. The protection should be capable of giving chemical protection as classified in EN166.

### Skin

HAND: Chemical protective gloves to a Standard EN374 should be provided. Usage periods should not exceed the breakthrough times for the chemical stated by the manufacturer of the glove.

SKIN: Handling of the material should be done wearing chemical protective clothing suitable for protection against the chemical as classified by Standard EN368.

### Respiratory

Based on current information & in the absence of occupational exposure limits, use of a vapor mask to a minimum standard of EN405 FFA1 is recommended if ventilation is poor or the space is confined.

### Ingestion

Not for ingestion.

### Biological limit values

No Biological Limit allocated.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance	:	Colorless to pale yellow liquid.
Odor	:	Characteristic sweet, woody odor.
Flash point	:	142°C (closed cup)
Vapor pressure	:	<0.1 kPa @ 20°C
Relative density	:	0.945 - 0.980 @ 20 deg C.
Solubility (ies)	:	Soluble in oils. 0.18 % soluble in water & pH = 8.
Refractive index	:	1.500 to 1.517 @ 20 deg C.
Optical rotation	:	-16.0° to +4.0° @ 20°C

## 10. STABILITY AND REACTIVITY

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### Chemical stability

Stable.

### Possibility of hazardous reactions

Not available.

### Conditions to avoid

Heat and light.

**Incompatible materials**

Strong oxidizing agents.

**Hazardous decomposition products**

Carbon Oxides.

**11. TOXICOLOGICAL INFORMATION**

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**Carcinogenicity**

Not available.

**Mutagenicity**

Not available.

**Specific target organ toxicity**

Not available.

**Reproductive toxicity**

Not available.

**Inhalation**

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

**Skin contact**

HRIPT100 at 6% dilution is considered a non-primary irritant.

**Eye contact**

HRIPT100 at 6% dilution is considered a non-primary irritant. May irritate eyes.

**Ingestion**

Low order toxicity causing irritation of the stomach and intestines which results in nausea and vomiting.

**12. ECOLOGICAL INFORMATION**

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**Ecotoxicity**

Algal growth inhibition : EC50 3.0mg/L (WAF ). Prevent surface contamination of soil, ground, & surface water.

**Persistence and degradability**

Not determined.

**Bio - accumulative potential**

Not determined.

**Mobility in soil**

Not determined.

**Other adverse effects**

Avoid any pollution of ground, surface or underground water.

**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**

Not regulated.

**US DOT Shipping Description (Land)**

Not regulated.

**IMO-IMDG Shipping Description (Sea)**

Not regulated.

**IATA Shipping Description (Air)**

Not regulated.

## 15. REGULATORY INFORMATION

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**GHS Hazard Statements**

Refer to Section 2.

**GHS Precautionary Statements**

Refer to Section 2.

## 16. OTHER INFORMATION

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**Disclaimer & Caution**

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