

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Sandalwood Essential Oil (Australia)
Botanical name	:	Santalum spicatum
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

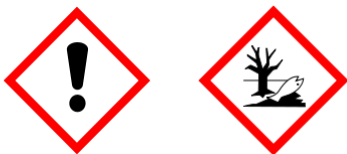
2. HAZARDS IDENTIFICATION**Emergency Overview****GHS Classification**

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 soap and 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

Do not induce vomiting. Seek medical attention or contact local poison control center.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam, Dry Powder. Carbon dioxide

Unsuitable extinguishing media

Water spray, water jet.

Special protective equipment and precautions for fire-fighters

Full protective clothing and self-contained breathing apparatus should be worn.

Special hazards arising from the substance or its combustible products

The substance is combustible and will burn if involved in a fire.

Resulting gases

Carbon oxides.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Evacuate personnel from immediate vicinity. Wear suitable protective equipment. Eliminate all ignition sources.

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

Precautions for safe handling

Avoid contact with skin and eyes. The substance should be handled under conditions of good industrial hygiene and in conformity with any local regulations in order to avoid unnecessary exposure to personnel or the environment.

Conditions for safe storage, including any incompatibilities

Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

Appearance	:	Pale yellow to golden yellow liquid.
Odor	:	Sweet woody odor.
Odor threshold	:	Not available.
pH	:	Not available.
Melting Point/Freezing Point	:	Not available.
Initial b.p and boiling range	:	Not available.
Flash point	:	142°C (closed cup)
Evaporation rate	:	Not available.
Vapor pressure	:	0.3 kPa @ 20°C
Relative density	:	0.945 - 0.980 @ 20°C
Solubility (ies)	:	Soluble in oils. 0.18 % soluble in water & pH = 8.
Refractive index	:	1.5000 to 1.5170 @ 20°C
Optical rotation	:	-16° to +4° @ 20°C

10. STABILITY AND REACTIVITY

Chemical stability

Chemically 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

Carcinogenicity

Not available.

Mutagenicity

Not available.

Reproductive toxicity

Not available.

Inhalation

Not available.

Skin contact

May be irritating to the skin. Symptoms may include redness and irritation.

Eye contact

HRIPT100 at 6% dilution is considered a non-primary irritant. May be irritating to the eye. Symptoms may include redness and stinging.

Ingestion

May be harmful if swallowed. Symptoms may include abdominal pain & nausea.

Skin corrosion

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

Single exposure

Not available.

Repeated exposure

Not available.

Aspiration hazard

Not available.

12. ECOLOGICAL INFORMATION

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

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

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

GHS Hazard Statements

Refer to Section 2.

GHS Precautionary Statements

Refer to Section 2.

16. OTHER INFORMATION

Revision date : August 31, 2018

Disclaimer & Caution

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