

1. PRODUCT AND COMPANY IDENTIFICATION

Product name	:	Sandalwood Essential Oil (East Indian)
Botanical name	:	Santalum album
INCI name	:	Santalum Album Wood Oil
CAS #	:	8006-87-9
Country of Origin	:	India
EINECS #	:	284-211-1
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 Sensitisation (Category 1)

Eye irritation (Category 2A)

Specific target organ toxicity - single exposure (Category 3)

GHS Label elements, including precautionary statements

Signal: Warning

Hazard statement(s)

H315 Causes skin irritation.

H400 Very toxic to aquatic life

Precautionary statement(s)

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray.

P264 Wash with plenty of water thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists get medical advice/attention.
P362	Take off contaminated clothing.
P403+P233	Store in a well ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container to an approved waste disposal plant.

3. COMPOSITION / INFORMATION INGREDIENTS

Product Name	CAS NO	EC NO	Concentration
Alpha Santalol	115-71-9	204-102-8	46 to 52 %
Beta Santalol	77-42-9	201-027-2	18 to 23 %
4-dimethyl-a-(4-methyl-3-pentenyl)cyclohex-3-ene-1-methanol	515-69-5	208-205-9	< 0.50 %

4. FIRST AID MEASURES

Eye contact

Rinse immediately with plenty of water for at least 15 minutes. Contact a doctor if symptoms persist.

Skin contact

Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

Inhalation

Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

Ingestion

Rinse mouth out with water. Seek medical advice immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media

Foam extinguisher, dry powder, carbon dioxide.

Unsuitable extinguishing media

Do not use direct water jet on burning material.

Special protective equipment and precautions for fire-fighters

Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures.

Avoid inhalation & direct contact with skin & eyes.

Use of self-contained breathing apparatus is recommended for any major chemical spill.

Eliminate all ignition sources. Ventilate area.

Environmental precautions

Keep away from drains, soils, surface and ground water. Report spills to appropriate authorities if required.

Methods and materials for containment and cleaning up

Remove all potential ignition sources. Contain spilled material. Cover for spillages: with an inert or non-combustible inorganic absorbent material, sweep up and remove to an approved disposal container. Observe

state, federal & local disposal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Apply good manufacturing practices & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene and do not eat, drink or smoke whilst handling.

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

Eyes

Use tightly sealed goggles.

Skin

Avoid all skin contact. Use chemically resistant gloves if required.

Respiratory

Avoid breathing product vapour. Apply local ventilation where possible.

Ingestion

Not for ingestion.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	Pale yellow to golden yellow transparent liquid.
Odor	:	Characteristic warm, sweet, woody Odor.
Flash point	:	136°C
Relative density	:	0.9635 to 0.9775 @ 25 °C
Solubility (ies)	:	Soluble up to 5 volumes of 70% Ethanol. Insoluble in water.
Refractive index	:	1.5000 to 1.5070 @ 25 °C
Optical rotation	:	-20.0° to -15.0° @ 25 °C

10. STABILITY AND REACTIVITY

Reactivity

This product presents no significant reactivity hazards, by itself or in contact with water.

Chemical stability

Stable.

Incompatible materials

Avoid contact with strong acids, alkali or oxidising agents.

Hazardous decomposition products

Liable to cause smoke & acrid fumes during combustion: carbon monoxide, carbon dioxide & other non-identified organic compounds may be formed.

11. TOXICOLOGICAL INFORMATION

Carcinogenicity

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

Chronic toxicity

May cause allergic reactions on skin.

Reproductive toxicity

No adverse effects on reproduction are known.

Inhalation

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

Eye contact

Possible irritation should be prevented by wearing safety glasses.

Ingestion

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

12. ECOLOGICAL INFORMATION

Other adverse effects

May cause long-term adverse effects in the aquatic environment. Avoid any pollution of ground, surface & 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

US DOT Shipping Description (Land)

Not regulated.

IMO-IMDG Shipping Description (Sea)

Not regulated.

IATA Shipping Description (Air)

Not regulated.

15. REGULATORY INFORMATION

California Proposition 65

We hereby declare that, to the best of our knowledge, this product does not contain any substance(s) that are listed in the California Proposition 65.

GHS Hazard Statements

Refer to Section 2.

GHS Precautionary Statements

Refer to Section 2.

16. OTHER INFORMATION

Revision date : April 22,2022

Disclaimer & Caution

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