



SAFETY DATA SHEET (SDS)

Prepared in accordance with the Globally Harmonized System (GHS) and Regulation (EC) No. 1907/2006 (REACH, as amended)

SECTION 1 – IDENTIFICATION

Product Name: Ceylon Sandalwood Heartwood Oil

Botanical Name: *Santalum album* L.

INCI Name: Santalum Album Wood Oil

CAS Number: 8006-87-9

EC Number: 284-111-1

Product Type: Natural Essential Oil

Plant Part: Heartwood

Extraction Method: Steam Distillation

Origin: Sri Lanka

Grade: Premium Perfumery Grade

Recommended Use: Professional perfumery, cosmetic and fragrance raw material.

Supplier

Aromology Trading LLC

G05 Al Ghazal Building

Nadd Al Hamar

Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

Telephone: +971 505197601

SECTION 2 – HAZARD IDENTIFICATION

GHS Classification

- Skin Sensitisation – Category 1

Signal Word

Warning

Hazard Statements

- H317 May cause an allergic skin reaction.



Precautionary Statements

- P261 Avoid breathing vapours.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves and eye protection.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P333+P313 If skin irritation or rash occurs: Get medical advice.
- P363 Wash contaminated clothing before reuse.
- P501 Dispose of contents/container according to local regulations.

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

Component	Information
Product	Ceylon Sandalwood Heartwood Oil
Botanical Name	<i>Santalum album</i> L.
INCI Name	Santalum Album Wood Oil
CAS Number	8006-87-9
EC Number	284-111-1
Purity	100% Natural Essential Oil

Typical Naturally Occurring Constituents

- α -Santalol
- β -Santalol
- epi- β -Santalol
- trans- α -Bergamotol
- α -Santalene
- β -Santalene
- Lanceol
- Nuciferol
- Farnesol (trace)
- Sesquiterpene alcohols

The characteristic composition of Sri Lankan *Santalum album* heartwood oil is dominated by α - and β -santalol, consistent with published studies on Sri Lankan sandalwood.

SECTION 4 – FIRST AID MEASURES



Inhalation: Move exposed person to fresh air. Seek medical advice if symptoms persist.

Skin Contact: Remove contaminated clothing and wash thoroughly with soap and water.

Eye Contact: Flush cautiously with water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Rinse mouth. Do not induce vomiting. Obtain medical advice.

SECTION 5 – FIRE FIGHTING MEASURES

Suitable Extinguishing Media

- Carbon dioxide
- Dry chemical powder
- Alcohol-resistant foam
- Water mist

Hazardous Combustion Products

Carbon monoxide, carbon dioxide and irritating organic vapours.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Wear suitable personal protective equipment.

Prevent release into drains and waterways.

Absorb with inert absorbent material and transfer into suitable waste containers.

SECTION 7 – HANDLING AND STORAGE

Use only in well-ventilated areas.

Avoid contact with skin and eyes.

Store tightly closed away from heat, direct sunlight and oxidising agents.

Recommended Storage Temperature: 5–20 °C

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

- Chemical safety goggles
 - Nitrile gloves
 - Protective clothing
 - Local exhaust ventilation
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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Property	Specification
Appearance	Clear to slightly viscous liquid
Colour	Colourless to Pale Yellow
Odour	Rich creamy sandalwood, soft woody, milky, warm, buttery, persistent
Relative Density (20°C)	0.965–0.985
Refractive Index (20°C)	1.500–1.510
Optical Rotation	-20° to +5°
Flash Point	>100°C
Solubility in Water	Insoluble
Solubility	Soluble in ethanol and perfumery solvents

SECTION 10 – STABILITY AND REACTIVITY

Stable under recommended storage conditions.

Avoid:

- Strong oxidising agents
- Excessive heat
- Open flames
- Prolonged exposure to air
- Direct sunlight

Hazardous decomposition products include carbon monoxide and carbon dioxide.



SECTION 11 – TOXICOLOGICAL INFORMATION

May cause allergic skin reactions in sensitive individuals.

Low acute toxicity under normal conditions of professional use.

Avoid prolonged or repeated skin exposure.

SECTION 12 – ECOLOGICAL INFORMATION

Avoid uncontrolled release into the environment.

Prevent contamination of waterways.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of contents and containers through an authorised waste contractor in accordance with local regulations.

SECTION 14 – TRANSPORT INFORMATION

Regulation	Status
UN Number	Not Regulated
ADR/RID	Not Regulated
IMDG	Not Regulated
IATA	Not Regulated

SECTION 15 – REGULATORY INFORMATION

Prepared in accordance with:

- GHS Revision 9
 - OSHA Hazard Communication Standard (29 CFR 1910.1200)
 - Regulation (EC) No. 1907/2006 (REACH)
 - Regulation (EU) 2020/878
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SECTION 16 – OTHER INFORMATION

Ceylon Sandalwood Heartwood Oil (Sri Lanka) is obtained by steam distillation of the mature heartwood of *Santalum album* grown in Sri Lanka. The oil is exceptionally rich in α -santalol and β -santalol, producing a luxurious creamy, milky, buttery and long-lasting sandalwood profile highly prized in fine perfumery. Studies of Sri Lankan *Santalum album* have shown an oil composition comparable to high-quality East Indian sandalwood, making it suitable for premium fragrance applications.

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