



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 Identifier

Product Name: Sandalwood Absolute

CAS Number: 557641-02

INCI Name: *Santalum* Wood Extract

Product Type: Natural Botanical Absolute

Recommended Use: Professional perfumery ingredient and cosmetic raw material only.

Supplier

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

SECTION 2: Hazard Identification

GHS Classification

Based on available SDS data for commercial sandalwood absolutes and natural extracts:

- Skin Irritation – Category 2
- Skin Sensitisation – Category 1
- Hazardous to the Aquatic Environment (Chronic) – Category 2

Signal Word

Warning

Hazard Statements

- H315 Causes skin irritation.



- H317 May cause an allergic skin reaction.
- H411 Toxic to aquatic life with long lasting effects.

Precautionary Statements

- Avoid breathing vapours.
- Wear protective gloves and eye protection.
- Wash thoroughly after handling.
- Avoid release into the environment.
- Keep out of reach of children.

SECTION 3: Composition

Component	CAS	Concentration
Sandalwood Absolute	557641-02	100%

Natural complex mixture consisting primarily of sesquiterpene alcohols (including α -santalol and β -santalol) together with naturally occurring aromatic constituents.

SECTION 4: First Aid Measures

Inhalation

Move to fresh air. Obtain medical advice if symptoms persist.

Skin Contact

Wash thoroughly with soap and water.

Remove contaminated clothing.

Seek medical attention if irritation or allergic reaction develops.

Eye Contact

Flush cautiously with water for at least 15 minutes.

Seek medical attention if irritation persists.

Ingestion



Rinse mouth.

Do not induce vomiting.

Seek immediate medical advice.

SECTION 5: Fire Fighting Measures

Suitable Extinguishing Media

- Carbon dioxide (CO₂)
- Dry chemical powder
- Alcohol-resistant foam
- Water spray for cooling containers

Unsuitable Extinguishing Media

Direct water jet.

Hazardous Combustion Products

- Carbon monoxide
- Carbon dioxide
- Irritating smoke
- Organic decomposition products

Firefighters should wear self-contained breathing apparatus.

SECTION 6: Accidental Release Measures

- Wear suitable PPE.
 - Prevent release into drains or waterways.
 - Absorb with sand, vermiculite or inert absorbent.
 - Collect into suitable waste containers.
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SECTION 7: Handling and Storage

Handling



- Avoid skin and eye contact.
- Use only with adequate ventilation.
- Avoid inhalation of concentrated vapours.

Storage

Store:

- tightly closed
- below 25 °C
- away from sunlight
- away from ignition sources
- away from oxidising agents

SECTION 8: Exposure Controls / Personal Protection

Engineering Controls

Local exhaust ventilation recommended.

Personal Protective Equipment

Eye Protection

Chemical safety goggles.

Hand Protection

Nitrile gloves.

Respiratory Protection

Organic vapour respirator where ventilation is insufficient.

Skin Protection

Protective laboratory clothing during bulk handling.



SECTION 9: Physical and Chemical Properties

Property	Typical Value
Appearance	Amber to dark brown viscous liquid or semi-solid
Odour	Rich, creamy, woody, balsamic sandalwood
Physical State	Viscous liquid / semi-solid
Relative Density (20 °C)	0.95–1.03
Refractive Index (20 °C)	1.490–1.520
Flash Point	>70 °C
Solubility	Insoluble in water
Alcohol Solubility	Soluble

SECTION 10: Stability and Reactivity

Stable under recommended storage conditions.

Avoid:

- Excessive heat
- Open flames
- Strong oxidising agents

Hazardous decomposition products:

- Carbon monoxide
 - Carbon dioxide
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SECTION 11: Toxicological Information

Possible effects include:

- Skin irritation
- Allergic skin sensitisation
- Mild eye irritation
- Respiratory irritation from prolonged exposure to concentrated vapours

No evidence of carcinogenicity or mutagenicity under normal professional use has been reported.



SECTION 12: Ecological Information

- Toxic to aquatic organisms with long lasting effects.
 - Prevent environmental release.
 - Avoid contamination of waterways.
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SECTION 13: Disposal Considerations

Dispose through an authorised waste disposal contractor in accordance with local regulations.

Do not discharge into drains or surface waters.

SECTION 14: Transport Information

Typical commercial quantities are generally not assigned a UN number; transport requirements should be confirmed for the specific shipment.

- UN Number: Not assigned
 - Transport Class: Not classified
 - Packing Group: Not applicable
 - Marine Pollutant: Avoid environmental release.
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SECTION 15: Regulatory Information

Prepared in accordance with:

- GHS (Globally Harmonized System)
- REACH Regulation (EC) No. 1907/2006
- CLP Regulation (EC) No. 1272/2008
- OSHA Hazard Communication Standard

For professional fragrance and cosmetic use only.



SECTION 16: Other Information

This Safety Data Sheet is based on currently available information for sandalwood absolute products and accepted industry safety practices. Due to the natural origin of this material, composition may vary slightly between batches. Users are responsible for determining the suitability of the material for their intended application and complying with all applicable regulations.

Authorised by

Fozia Khot
Director