



MATERIAL DATA SAFETY SHEET: Sandalwood Oil
Version: 1.0 Issued: 27th March 2018
earthYard Pty Ltd : ABN 66 603 706 832

SECTION 1 - MATERIAL & SUPPLY COMPANY IDENTIFICATION

Product Name: Sandalwood Oil Australian
Botanical name: *Santalum spicatum*
INCI: **Fusanus Spicatus**
Recommended Use: Flavour and fragrance raw material.
Supplier: EarthYard Pty Ltd
ABN: 66 603 706 832
Address: 2/1-3 Sommerville Cct, Emu Plains, NSW Australia 2774
Telephone: 02 4735 5379
Emergency Telephone: 02 4735 5379 (Office Hours 9.00am - 5.00pm Mon-Fri)
Email: enquiries@earthyard.com.au

SECTION 2 - HAZARDOUS IDENTIFICATION

This material is not hazardous according to health criteria of NOHSC Australia.
This material is not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Air Road and Rail. Substance is classified as a C1: Combustible Liquid.

Classified as Hazardous according to GHS

Classification according to Regulation (EC) No. 1272/2008
EH C2, SCI 2, SS 1, H319-315-317-411

Label elements, including precautionary statements

Label Elements

Label elements according to Regulation (EC) No. 1272/2008



WARNING

Hazard statements:

Causes skin irritation. (H315)

May cause an allergic skin reaction. (H317)

Causes serious eye irritation. (H319)

Toxic to aquatic life with long lasting effects (H320)

Emergency Overview

Precautionary Statements – Prevention

Wash face, hands and any exposed skin thoroughly after handling

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



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Avoid breathing dust/fume/gas/mist/vapors/spray

Contaminated work clothing should not be allowed in workplace

Keep away from heat/sparks/open flames/hot surfaces. –No smoking

Precautionary Statements – Response

Specific treatment (see section 4 on this SDS) If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water

Take off contaminated clothing and wash before reuse

If skin irritation or rash occurs: Get medical advice/attention

IF SWALLOWED: Immediately call POISON CENTER or doctor/physician

Do not induce vomiting In case of fire: Use CO₂, dry chemical, or foam for extinction

Precautionary Statements – Storage

Store locked up Store in well-ventilated place.

Keep cool

Precautionary Statements – Disposal

Dispose of contents/container to an approved disposal plant

SECTION 3 - COMPOSITION INFORMATION

Chemical Entity	CAS No.	Proportion
Sandalwood Australian Oil	8024-35-9	100%

SECTION 4 - FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

Inhalation:	Treat symptomatically. If patient shows signs of distress, remove to fresh air and seek medical advice.
Ingestion:	Wash out mouth with water and give water slowly to dilute [as much as casualty can comfortably drink] provided person is conscious. Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconsciousness. Contact a physician or local poison control centre immediately. If vomiting occurs, lean patient forward or place on left side [head-down position, if possible] to maintain open airway and prevent aspiration.
Skin contact:	If showing signs of irritation, remove contaminated clothing and wash contact area with soap and water. If irritation persists seek medical advice
Eye contact:	Flush immediately with clean water for at least 15 minutes. Ensure irrigation under eyelids. Do not try to remove contact lenses unless trained. Contact a physician immediately.
Notes to physician:	In case of poisoning, emesis is contraindicated.

SECTION 5 - FIRE FIGHTING MEASURES

Suitable extinguishing media:	Foam, dry powder, CO ₂
Unsuitable Extinguishing Media:	Do not use a solid water stream as it may scatter and spread fire.
Combustion Products:	Oxides of carbon.
Fire fighting further advice:	Combustible liquid. Fight fire from maximum distance possible or from protected area. Wear self contained breathing apparatus and protective clothing.
Hazchem Code:	None.
Contact Point:	Dial 000 Emergency in case of fire [In Australia] or Local Emergency Authority [Out of Australia].

SECTION 6 - ACCIDENTAL RELEASE MEASURES



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Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with skin, eyes and clothing. Use personal protective equipment. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak. Pay attention to flashback. Take precautionary measures against static discharge.

Environmental precautions

Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up

Methods for containment

Prevent further leakage or spillage if safe to do so.

Methods for cleaning up

Cover liquid spill with sand, earth or other noncombustible absorbent material. Cover powder spill with plastic sheet or tarp to minimize spreading. Pick up and transfer to properly labeled containers. Soak up with inert absorbent material. Dam up. Take precautionary measures against static discharges. Ensure adequate ventilation.

Reference to other sections

Refer to section 7, 8 & 13

SECTION 7 - SAFE HANDLING AND STORAGE INFORMATION

Precautions for safe handling

Advice on safe handling: Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not eat, drink or smoke when using this product. Wear personal protective equipment. Do not breathe vapors or spray mist. Use only in area provided with appropriate exhaust ventilation. To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat, sparks and open flame. No smoking. Take necessary action to avoid static discharge (which might cause ignition of organic vapors).

Conditions for safe handling

Technical measures/Storage Conditions

Keep container tightly closed in a dry and well ventilated place. Keep out of reach of children. Keep away from heat and sources of ignition. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers. Keep away from heat.

Incompatible products

Oxidisers

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour:	Clear mobile Liquid/ Pale yellow woody.
Solubility:	Insoluble in water. Soluble in vegetable oil.
Specific Gravity (20 °C):	0.940 to 0.980



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Relative Vapour Density (air=1):	Not available
Vapour Pressure (20 °C):	Not available
Flash Point (°C):	135°C
Flammability Limits (%):	Not available
Autoignition Temperature (°C):	Not available
Melting Point/Range (°C):	Not available
Boiling Point/Range (°C):	Not available
Refractive Index	1.500 – 1.517
pH 1% Solution	Not available

Typical values only - consult specification sheet)
N Av = Not available N App = Not applicable

SECTION 10 - STABILITY AND REACTIVITY

Chemical stability:	Chemically stable material
Conditions to avoid:	Storage near flammable materials, heat and light
Incompatible Materials:	Strong Oxidising agents.
Hazardous decomposition products:	Carbon monoxide and Carbon Dioxide may form under fure conditions.
Hazardous reactions:	No information available.

SECTION 11 - TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects

Inhalation:	May cause discomfort to hypersensitive individuals.
Skin contact:	Prolonged excessive contact may irritate skin.
Eye contact:	Likely to cause stinging and irritation.
Ingestion:	Toxic if large amounts ingested.
Comments:	Product is designed for regular use by consumers. Under normal conditions of use, it does not represent a major health hazard. Treat symptomatically.

Acute toxicity / Chronic toxicity

No chronic toxicity effects known.

SECTION 12 - ECOLOGICAL INFORMATION

Eco toxicity:	Avoid release into drains
Persistence and degradability:	No information available.
Mobility:	Low mobility in the soil.
Bio-accumulative Potential:	None established.
Other Adverse Effects:	None established.

SECTION 13 -DISPOSAL CONSIDERATIONS

Waste Material:	Place material and / or absorbent into sealed containers and dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
Contaminated Packaging:	Dispose of in accordance with current applicable laws and regulations. Refer to local Authority advice.
Note:	Empty containers can have residues, gases and mists. Use the proper Waste Disposal Methods & Procedures for Empties as well.



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SECTION 14 - TRANSPORT INFORMATION

Transportation: **NOT CLASSIFIED AS DANGEROUS GOODS** by the criteria of the Australian Dangerous Goods Code for Transport by Road and Rail.

14.2 Proper Shipping Name: Class 9 Miscellaneous dangerous goods, Environmental Hazard

14.3 UN Number: 3082

14.4 Transport Hazard Class and Subsidiary Risk: Class 9 Environmentally hazardous substance, liquid, N/O/S.

14.4 Packaging Group: III

14.5 DG Class: Class 9

14.6 Hazchem Code: 3Z

14.8 Maritime Transportation IMDG

IMDG Class: 9

Label: 9

UN Number: 3082

Packaging Group: III

Marine Pollutant: Yes

Environmental Hazard.

Proper Shipping Name: Miscellaneous dangerous goods, Environmental Hazard.

14.9 Air Transportation ICAO-TI and IATA-DGR

ICAO / IATA Class: 9

Label: 9

UN Number: 3082

Packaging Group: III

Proper Shipping Name: Miscellaneous dangerous goods,

SECTION 15 - REGULATORY INFORMATION

EU regulations

This product has been classified and marked in accordance with the EU Directives/Ordinance on Hazardous Materials.

Clean Water ACT This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act

Poisons Schedule (Aust): Not scheduled as a Poison by the SUSDP.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS). This material is neither hazardous nor dangerous.

SECTION 16 - OTHER INFORMATION

Relevant R – and S phrases

R43 MAY CAUSE SENSITIZATION BY SKIN CONTACT.

S24 AVOID CONTACT WITH SKIN

S36/37 WEAR SUITABLE PROTECTIVE CLOTHING AND GLOVES

Relevant H-, P – Statements and Hazard Codes

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

P264 WASH HANDS THOROUGHLY AFTER HANDLING

P272 CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORK PLACE

P273 AVOID RELEASE TO THE ENVIRONMENT

P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION

P391 COLLECT SPILLAGE

P302+352 IF ON SKIN: WASH WITH SOAP AND WATER

P333+313 IF SKIN IRRITATION OR A RASH OCCURS: GET MEDICAL ADVICE/ATTENTION

P362+364 TAKE OFF CONTAMINATED CLOTHING & WASH BEFORE RE-USE

P305+351+338 IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT & EASY TO DO. CONTINUE RINSING

P337+313 IF EYE IRRITATION PERSISTS. GET MEDICAL ADVICE/ATTENTION

SCI 2 SKIN IRRITANT 2



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SS 1 SKIN SENSITISATION 1
EH C2 CHRONIC AQUATIC TOXICITY 2

This Material Safety Data Sheet has been prepared by Native Oils Australia in accordance with the NOHSC: 2011

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Native Oils Australia cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.

Manufacturers Statement:

Essential oils (Eos) are complex, naturally derived chemicals. Often the constituents of the EOs may individually have known risks and hazards, and in some cases the constituents have not been studied, often because there have been no complaints.

Used as directed and within the limits specified by the various agencies and associations that study these materials, essential oils are safe and useful ingredients in flavours, fragrances, cosmetics and therapeutic applications. Please refer to the guidelines of the industry in which the product will be offered to the public to abide by the safest known practices. Those organizations include: IFRA, IFEAT, AHPA, ISO Standards for Essential Oils, and publications by various government health organizations regarding the use of these materials.