



Safety Data Sheet

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name	Sandalwood Oil Australian				
Biological Definition	Santalum Spicata Wood Oil is an essential oil obtained from the wood of the Australian Sandalwood, <i>Santalum spicata</i> , <i>Santalaceae</i> .				
INCI Name	Santalum Spicata Wood Oil				
Synonyms & Trade Names	-				
CAS-No	8024-35-9	EC No.	296-618-5	EINECS No.	296-618-5

1.2 Relative identified uses of the substance or mixture and uses advised against

No additional data available.

1.3 Details of the supplier of the safety data sheet

Golden Bough Botanicals Inc 12-1585 Cliveden Ave Delta BC V3M 6M1

1.4 Emergency Tel. No.

604-540-8700 (Monday-Friday 8:30 am-4:30 pm)

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

The Full Text for all Hazard Statements displayed in Section 16.

Human health

May cause skin irritation and allergic skin reaction.

Environment

The product contains a substance which may cause long term adverse effects in the aquatic environment.

Classification (EC 1272/2008)

Physical hazards:

Not Classified.

Health hazards:

Skin Sens. 1 – H317. May cause skin irritation and allergic skin reaction.

Environmental hazards:

Aquatic Chronic 3 – H412. May cause long term adverse effects to the aquatic environment.

2.2 Label Elements

Label in accordance with (EC) No 1272/2008

GHS07



Signal Word

Warning.

Contains

Farnesol

Hazard Statements

H317 May cause an allergic skin reaction.

H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

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.
 P261 Avoid breathing vapour/spray.
 P321 Specific treatment (see medical advice on this label).
 P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P333+313 If skin irritation or rash occurs: Get medical advice/attention.
 P363 Wash contaminated clothing before reuse.
 P501 Dispose of contents/container to ...

Supplementary Precautionary Statements

None.

2.3 Other Hazards

PBT or vPvB according to Annex XIII	No additional data available.
Adverse physio-chemical properties	No additional data available.
Adverse effects on human health	No additional data available.

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

<1.0% Farnesol CAS-No; 4602-84-0 EC No: 226-004-1

Classification (EC 1272/2008): Skin Irrit. 2 - H315, Eye Irrit. 2 - H319, Skin Sens. 1 - H317

04. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	DO NOT INDUCE VOMITING! Immediately rinse mouth and drink plenty of water (200-300 ml). Get medical attention if any discomfort continues.
Skin Contact	Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye Contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

Skin contact Skin irritation.

4.3 Indication of any immediate medical attention and special treatment needed

No additional data available.

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media - Foam, carbon dioxide or dry powder.
 Unsuitable extinguishing media - Water.

5.2 Special hazards arising from the product

No additional data available.

5.3 Advice for firefighters

Special Fire Fighting Procedures
 Smother to exclude air. Handle as an oil fire.

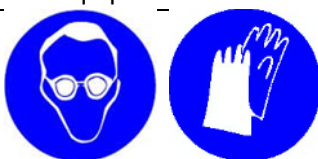
06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Wear protective clothing as described in Section 8 of this safety data sheet.
6.2 Environmental Precautions
Do not discharge into drains, water courses or onto the ground.
6.3 Methods and material for containment and cleaning up.
Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage.
6.4 Reference to other sections
Wear protective clothing as described in section 8.

07. HANDLING AND STORAGE

7.1 Precautions for safe handling
Avoid spilling, skin and eye contact.
7.2 Conditions for safe storage, including any incompatibilities
Keep in a cool, dry, well ventilated area.
7.3 Specific end use(s)
No additional data available.

08. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters	
No additional data available.	
8.2 Exposure controls	
Protective Equipment	
	
Process Conditions	Provide eyewash station.
Engineering Measures	Provide adequate ventilation.
Respiratory Equipment	None required for normal usage, but if vapour becomes high then use approved respirator.
Hand Protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn.
Eye Protection	Eyewear complying with an approved standard should be worn. E.g. Chemical splash goggles or face shield.
Other Protection	Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact. Eye wash and safety shower (recommended) to be available in case of emergency. Wash contaminated clothing before reuse.
Hygiene Measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
Personal Protection	Avoid inhalation and contact with skin and eyes.
Skin Protection	Wear apron or protective clothing in case of splashes.
Environmental Exposure Controls	Avoid discharging into drainage water. Only eliminate by authorised companies.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties	
Appearance	Clear liquid, pale yellow to dark yellow.
Colour	Pale yellow to dark yellow.
Odour	Characteristic.
Relative Density	0.930 - 0.980 @ 20°C
Flash Point (°C)	No additional data available.
Refractive Index	1.498 - 1.518 @ 20°C
Melting Point (°C)	No additional data available.
Boiling Point (°C)	No additional data available.
Vapour Pressure	No additional data available.
Solubility in Water @20°C	No additional data available.
Auto-ignition temperature (°C)	No additional data available.
9.2 Other information	
No additional data available.	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
No additional data available.	
10.2 Chemical stability	
Stable at normal temperature conditions and recommended use.	
10.3 Possible hazardous reactions	
No additional data available.	
10.4 Conditions to Avoid	
Avoid heat, flames and other sources of ignition.	
10.5 Incompatible materials	
Avoid Strong oxidising agents.	
10.6 Hazardous Decomposition Products	
No additional data available.	

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	We have no data available on this product. It must be considered, handled and should be dealt with the highest possible caution.
Skin corrosion / irritation	We have no data available on this product. It must be considered, handled and should be dealt with the highest possible caution.
Serious eye damage / irritation	We have no data available on this product. It must be considered, handled and should be dealt with the highest possible caution.
Respiratory or skin sensitisation	We have no data available on this product. It must be considered, handled and should be dealt with the highest possible caution.
Germ Cell Mutagenicity	We have no data available on this product. It must be considered, handled and should be dealt with the highest possible caution.
Carcinogenicity	We have no data available on this product. It must be considered, handled and should be dealt with the highest possible caution.
Reproductive toxicity	We have no data available on this product. It must be considered, handled

	and should be dealt with the highest possible caution.
STOT-single exposure	We have no data available on this product. It must be considered, handled and should be dealt with the highest possible caution.
STOT-repeated exposure	We have no data available on this product. It must be considered, handled and should be dealt with the highest possible caution.
Aspiration hazard	We have no data available on this product. It must be considered, handled and should be dealt with the highest possible caution.
Photo-toxicity	We have no data available on this product. It must be considered, handled and should be dealt with the highest possible caution.
Other Information	We have no data available on this product. It must be considered, handled and should be dealt with the highest possible caution.

12. ECOLOGICAL INFORMATION

12.1 Toxicity
We have no data regarding ecotoxicity, but it must be considered that this product may be dangerous for the environment.
12.2 Persistence & degradability
No additional data available.
12.3 Bioaccumulation Potential
No additional data available.
12.4 Mobility in soil
No additional data available.
12.5 Results of PBT and vPvB Assessment
No additional data available.
12.6 Other adverse effects
No additional data available.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority and national regulations.

14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	Not regulated.
UN No. SEA	Not regulated.
UN No. AIR	Not regulated.
14.2 UN proper shipping name	
Not regulated.	
14.3 Transport hazard class(es)	
ADR/RID/ADN	Not Regulated.
IMDG	Not Regulated.
ICAO	Not regulated.
14.4 Packing group	
ADR/RID/ADN Packing group – Not regulated.	

IMDG Packing group – Not regulated. ICAO Packing group – Not regulated.
14.5 Environmental hazards
No additional data available.
14.6 Special precautions for user
None.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code
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15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
<p><u>Statutory Instruments</u> The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).</p> <p><u>Guidance Notes</u> Workplace Exposure Limits EH40. CHIP for everyone HSG(108).</p> <p><u>EU Legislation</u> Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.</p>
15.2 Chemical safety assessment
No additional information available.

16. OTHER INFORMATION

Hazard and/or Precautionary Statements in Full	H315 Causes skin irritation. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
Other Information	None.
Revision Date	November 9, 2016
Reason for revision	New SDS
Rev No/Repl, SDS Generated	01

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.