


1. Identification of the substances / mixture and of the company/undertaking.		
1.1 Product identifier:		
Substance name: Sandalwood Oil Australia		
Biological Definition		
INCI Name	Santalum Spicata Wood Oil	
Synonyms & Trade Names		
EC NO: 296-618-5	CAS NO: 8024-35-9	EINECS CAS Number: 92875-02-0
Index No:	Reach Registration No:	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Identified uses: Concentrated material for manufacturing purposes only.		
Uses advised against:		
1.3 Details of the supplier of the safety data sheet		
Company	Penny Price Aromatherapy Ltd	
	Unit D3 Radius Court	
	Maple Drive	
	Hinckley	
	Leicestershire LE10 3BE	
Email	info@penny-price.com	
1.4 Emergency Telephone Number	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. <u>Or call NHS 111 or NHS 999</u>	

2. Hazards Identification			
2.1 Classification of the substance or mixture: The full text for all hazard statements, are displayed in Section 16			
Classified according to Regulation (EC) 1272/2008 (CLP) as amended	Physical and Chemical Hazards	Not classified	
	Human Health	Skin Sens. 1 – H317	
	Environment	Not classified	
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:			
			
Signal Word. WARNING			
Contains: Farnesol			
Hazard statements.			
H315	Causes skin irritation	H317	May cause an allergic skin reaction.
H319	May cause an allergic reaction.		
Precautionary statements.			

P272	Contaminated work clothing should not be allowed out of the workplace.
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+P352	IF ON SKIN: Wash with plenty of soap and water.
P333+P313	If skin irritation or rash occurs: Get medical advice / attention.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents / container in accordance with local / regional / national / international regulations.

Supplementary Precautionary Statements:

2.3 Other hazards – Results of PBT and vPvB According to Annex XIII	No
Adverse Physio-chemical Properties	Combustible but will not self-ignite.
Adverse Effects on Human Health	Frequent or prolonged skin contact may lead to sensitisation.

3. 1 Composition / information on ingredients:

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Farnesol	CAS: 4602-84-0 EC: 225-004-1	5.0 -25.0%	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Skin Sens. 1 -H317

4. First Aid Measures

4.1 General	Immediately remove any clothing soiled by the product.
Inhalation	Remove person to fresh air and keep comfortable for breathing. Obtain medical attention if required.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If irritation persists seek medical advice / attention.
Skin contact	Take off all contaminated clothing. Rinse skin with water/shower. If irritation persists seek medical attention.
Ingestion	Rinse mouth out with water. Do NOT induce vomiting. Immediately call POISON CENTER or GP. Do not give milk or fatty oils.
4.2 Most important symptoms and effects, both acute and delayed:	No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment need	
No further relevant information available.	
5. Firefighting Measures	
5.1 Extinguishing Media:	
Suitable extinguishing media:	Foam, Carbon dioxide or dry powder.
Unsuitable extinguishing media:	Water with full jet.
5.2 Special hazards arising from the substances or mixture: None	
Hazardous combustion products:	Heat may cause violent rupture of containers if involved in a fire; Cool with water spray; When heated to decomposition will produce acrid smoke and fumes.
5.3 Advice for firefighters	No additional data available.
6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures	
6.1.1 For non-emergency personnel	
Protective equipment:	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing, or apron, as appropriate to avoid skin and eye contact. Avoid inhalation. In case of spills, beware of slippery floors and surfaces.
Emergency procedures	
6.1.2 For Emergency responders	
6.2 Environmental precautions	Keep away from drains, soil, surface, and ground waters.
6.3 Methods for cleaning up – 6.3.1 For containment:	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.
6.3.2 For cleaning up:	
6.3.3. Other information:	
6.4 Reference to other sections	No additional data available.
7. Handling and storage	
7.1 Precautions for safe handling	
Protective measures: Prevent formation of aerosols. Handle in a well-ventilated area, away from sources of ignition. DO NOT SMOKE. Apply good manufacturing practice and industrial hygiene practices, ensuring proper workplace ventilation. Observe good personal hygiene, and do not eat, drink, or smoke whilst handling. Handle all packages and containers carefully to minimise spills.	

Measures to prevent fire:	
Measures to prevent aerosol and dust generation:	
Measures to protect the environment:	
Advice on general occupational hygiene:	

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:	
Packaging Materials:	
Requirements for storage and vessels:	<p>Store in tightly closed, original container in a dry, cool, and well-ventilated place. Keep away from heat, sparks, and open flame. Protect from freezing and direct sunlight. Keep air contact to a minimum. Suitable storage materials: glass, stainless steel, aluminium, F/HDPE. Unsuitable storage material: lacquer lined steel/tin.</p>
Storage Class: Further information on storage containers:	
7.3 Specific end use(s).	No additional data available.
Recommendations:	
Industrial sector specific solutions:	

8. Exposure controls/Personal protection:

8.1 Control parameters	No additional data available.
8.2 Exposure controls	
Engineering Measures	Ensure good ventilation of working area.
Personal Protection equipment: Goggles, gloves, and protective clothing. Provide eyewash station. Use personal protection according to Directive 89/686/EEC.	

Hygiene Measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
8.2.2.1 Eye / face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.
8.2.2.2 Skin Protection	Wear apron or protective clothing in case of splashes.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin protection	Wear appropriate clothing to prevent any possibility of skin contact. Wear apron or protective clothing in case of contact.
8.2.2.3 Respiratory protection	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.
Ventilation	
8.2.2.4 Thermal hazards	
8.2.3 Environmental exposure controls	Avoid discharging into drainage water. Only eliminate by authorised companies.
9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	Yellow to golden yellow.
Appearance	Clear liquid
Odour	Characteristic
Melting Point / freezing point	No additional data available.
Boiling point /Initial boiling point & boiling range	No additional data available.
Flammability	
Lower and upper explosion limit	
Flash point °C	136°C
Auto- ignition temperature (°C)	No additional data available
Decomposition temperature	
pH	
Kinematic Viscosity	
Solubility in Water @ 20°C	Insoluble in water.
Solubility in other Solvents	
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	No additional data available.
Relative density @20°C	0.930 to 0.980
Relative vapour density	
Particle characteristics	
Explosive Properties	
Oxidising Properties	
9.2 Other information	No additional data available.

Specific gravity d ₂₀ ²⁰	
Optical rotation @ 20 ⁰ C	
Refractive index @ 20 ⁰ C	1.500 to 1.520
Typical analysis of major components	

10. Stability and reactivity

10.1 Reactivity	Presents no significant reactivity hazards, by itself or in contact with water.
10.2 Chemical Stability	Stable at normal ambient temperatures.
10.3 Possibility of hazardous reactions:	No additional data available.
10.4 Conditions to avoid:	Avoid heat, flames, and other sources of ignition.
10.5 Incompatible Materials:	Strong oxidisers. Strong acids. Strong alkali.
10.6 Hazardous Decomposition Products	Liable to cause smoke and acrid fumes during combustion; Carbon monoxide, Carbon dioxide and other non-identified organic compounds may be formed.

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008

Information on Toxicological Effects

Acute toxicity:	Full strength material may cause irritation to mouth if swallowed. LD50 Oral (Rat) >2.0g/kg
Skin corrosion /irritation:	Full strength material in repeated or prolonged contact with skin may be irritating and cause allergic reaction in sensitive individuals; LD50 Dermal (Rabbit) >2.0g/kg
Seriously eye damage/irritation:	Full strength vapour or spray in the eyes may be highly irritating and cause smarting.
Respiratory or skin sensitisation:	Full strength material may cause irritation to mucous membrane and upper airways.
Germ cell mutagenicity:	No additional data available.
Carcinogenicity:	Not listed as a carcinogen by NTB, IARC or OSHA.
Reproductive toxicity:	No additional data available.
Summary of evaluation of the CMR properties:	No additional data available.
STOT- single exposure,	No additional data available.
STOT-repeated exposure:	No additional data available.
Aspiration hazard:	May cause irritation.
Photo-toxicity	No additional data available.
Other Information	Those constituents which are included in the list of 26 fragrance allergens in EU Directive 76/768/EEC are: Farnesol.

12. Ecological information

12.1 Toxicity	No additional data available. Unlikely to be an acute fish toxin.
12.2 Persistency & degradability	No additional data available.
12.3 Bio accumulative 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 Endocrine disrupting properties	
12.7 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. Avoid dispersal into drainage systems or into the environment.
13.1.1. Product /Packaging disposal:	
13.1.2 Waste treatment-relevant information:	
13.1.3 Sewage disposal-relevant information:	
13.1.4 Other disposal-relevant recommendations:	Dispose of contents / container in accordance with local / regional / national/ international regulations.

14. Transport information	
14.1 UN Number or ID number ADR, RID, ADN, IMDG, ICAO	Not regulated
14.2 UN proper Shipping name ADR, RID, ADN, IMDG, ICAO	-
14.3 Transport hazard class(es) ADR, RID, I, IMDG, ICAO	Not regulated
14.4 Packing group ADR, RID, I, IMDG, ICAO	Not regulated
14.5 Environmental hazards	Not hazardous
14.6 Special precautions for user	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	-

15 Regulatory information	
15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture	
Statutory Instruments	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I. 2009 No 716).
Guidance Notes	Workplace Exposure Limits EH40, CHIP for everyone HSG (108).
EU Legislation	Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th 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, and 93/105/EC and 2000/21/EC, including amendments.
15.2 Chemical Safety Assessment	No additional information available.

16. Other information

(i) **Indication of Changes: Revised Safety Data Sheet Format:** From March 2019. – Section 2 and 3 have changed places, additional points added under each section in line with Regulation EC) No 1272/2008 Version 4.2 March 2021’.

(ii) **Abbreviations and acronyms:**

DNEL: Derived No-Effect Level.

PNEC: Predicted No- Effect Concentration.

ADR: European agreement concerning the international carriage of dangerous goods by road.

RID: Regulations concerning the International carriage of Dangerous goods by rail.

IATA-DGR: Dangerous Goods Regulations by the “International Air Transport Association” (IATA)

ICAO: International Civil Aviation Organisation

ICAO-TI: Technical Instructions by the ‘International Civil Aviation Organisation” (ICAO)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Maritime Dangerous Goods.

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

WGK: Water Hazard Class.

LC50: Lethal concentration, 50 percent

LD50: Lethal Dose, 50 percent

PBT: Persistent, Bio accumulative and Toxic

vPvB: Very Persistent and very Bio accumulative

Flam. Liq: Flammable Liquid

AT: Acute Toxicity – O = Oral / D = Dermal / I = Inhalation

Asp: Aspiration Hazard

Skin Corr/ Irrit: Skin Corrosion / Irritation

Skin Sens: Skin Sensation

Eye Dam/ Irrit: Eye damage / Irritation

Muta: Mutagenic

Carc: Carcinogenic

Resp: Respiration Sensitive

Repro: Reproductive Sensitive

EH A: Environmental Hazard Aquatic Acute

EH C: Environmental Hazard Aquatic Chronic

(iii) **Key Literature references and sources of date.**

(iv) Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP):	
Classification according to Regulation (EC) 1272/2008(CLP)	Classification procedure
(v) Relevant H-statements (number and full text):	
(vi) Training advice:	
(vii) Further information:	
Shelf life	Minimum 12 months when stored in the advised conditions.
QC requirements	
In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.	
Disclaimer:	
The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is date supplied without warranty, expressed, or implied, regarding its correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product and to assume liability for loss, injury, damage, or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification or for any given application and buyers should seek to verify their requirements and product use.	