


1. Identification of the substances / mixture and of the company/undertaking.		
1.1 Product identifier: Eucalyptus Oil SmithII Australia		
Substance name: Eucalyptus SmithII Leaf Oil		
EC NO: 294-962-0	CAS NO: 91771-68-5	EINECS CAS Number:
Index No:	Reach Registration No:	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Identified uses: Multiple uses in the Flavour and Fragrance industries.		
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			
Classified according to Regulation (EC) 1272/2008 (CLP) as amended	Physical and Chemical Hazards	Flam. Liq. – H226	
	Human Health	Skin Sens. 1- H317	Asp. Tox. 1 - H304
	Environment	Aquatic Chronic. 2 - H411	
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:			
			
Signal Word. DANGER			
Hazard statements.			
H226	Flammable liquid and vapour	H304	May be fatal if swallowed and enters airways.
H315	Causes skin Irritation	H317	May cause an allergic skin reaction
H400	Very toxic to aquatic life.	H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.		

Precautionary statements.	
P262	Do not get in eyes, on skin, or on clothing.
P273	Avoid release to the environment.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P301+P310	IF SWALLOWED: Immediately call a doctor.
P331	Do NOT induce vomiting.
P391	Collect spillage.
P501	Dispose of contents / container in accordance with local / regional /national /international regulations.

Precautionary Statements	
P210	Keep away from heat /sparks/open flames/ hot surfaces – No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ ventilating / lighting equipment.
P262	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/ fumes / gas / mist /vapours / spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P303+P361+P353	IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.
P321	Specific treatment (seeon this label). See Section 4.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P370+P278	In case of fire: Use.....for extinction. See Section 5.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.

2.3 Other hazards – Results of PBT and vPvB	
PBT or vPvB According to Annex XIII	No
Adverse Physio - chemical Properties	No
Adverse Effects on Human Health	No

3. 1 Composition / information on ingredients:			
Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Cineol	CAS No. 470-67-7 EC No. 207-428-9	70 -90%	Flam. Liq. 3 - H226
Limonene	CAS No. 5989-27-5 EC No. 227-813-5	1-5%	Flam. Liq. 3 – H226 Skin Irrit. 2 – H315 Asp. Tox. 1 – H304 Skin Sens. 1 – H317 Aquatic Acute. 1 – H400

			Aquatic Chronic. 1 - H410
Alpha-Pinene	CAS No. 80-56-8 EC No. 201-291-9	1-5%	Flam. Liq. 3 – H226 Skin Irrit. 2 -h315 Skin Sens. 1 – H317 Asp. Tox. 1 – H304
Beta-Pinene	CAS NO. 127-91-3 EC No. 204-872-5	1-5	Flam. Liq. 3 – H226 Skin Irrit. 2 – H315 Skin Sens. 1 - H317 Asp. Tox. 1 – H304
Para- Cymene	CAS No. 99-87-6 EC No. 202-796-7	1-5	Flam. Liq. 3 – H226 Asp. Tox. 1 – H304 Aquatic Chronic. 2 - H411

4. First Aid Measures

4.1 General	Immediately remove any clothing soiled by the product. See categories below.
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.
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4.3 Indication of any immediate medical attention and special treatment need

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5. Firefighting Measures

5.1 Extinguishing Media:	
Suitable extinguishing media:	Use as appropriate: Carbon Dioxide (CO ₂), dry chemical.
Unsuitable extinguishing media:	
5.2 Special hazards arising from the substances or mixture	
Hazardous combustion products:	Burning can produce irritating, toxic, and obnoxious fumes.
Advice for firefighters	Water is unsuitable to use as an extinguishing method. Wear suitable respiratory equipment when necessary.

6 Accidental release measures

6.1 Personal precautions, protective equipment, and emergency procedures	
6.1.1 For non-emergency personnel	
Protective equipment:	
Personal Precautions	Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective clothing.

6.1.2 For Emergency responders:	
6.2 Environmental precautions	Do not allow product to enter drains. Prevent further spillage if safe.
6.3 Methods for cleaning up – 6.3.1 For containment:	Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled container for disposal. Clean spillage area thoroughly with plenty of water.
6.3.2 For cleaning up:	
6.3.3. Other information:	
6.4 Reference to other sections	

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.

Avoid spilling, skin, and eye contact. Ensure adequate ventilation of the working area. Adopt best manual handling considerations when handling, carrying, and dispensing. Keep away from heat, sparks and open flame.

Measures to prevent fire:	
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Measures to prevent aerosol and dust generation:	
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Measures to protect the environment:	
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Advice on general occupational hygiene:	
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7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:	
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Packaging Materials:	
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Requirements for storage and vessels:	
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Storage Class: Further information on storage containers:	Store in tightly closed containers in a dry, cool and well-ventilated place. Keep in original container.
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7.3 Specific end use(s).	
Recommendations:	
Industrial sector specific solutions:	

8. Exposure controls/Personal protection	
8.1 Control parameters	p-Cymene (CAS: 99-87-6) Contains no substances with occupational exposure limit values.
Hygiene Measures	No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.
8.2 Exposure controls	Process Conditions: No additional data available.
Engineering Measures	Provide adequate ventilation.
8.2.2 Personal Protection equipment: No additional data available.	
8.2.2.1 Eye / face protection	Wear approved safety goggles.
8.2.2.2 Skin Protection	No additional data available.
Hand protection	Chemical resistant gloves required for prolonged or repeated contact.
Other skin protection	Wear appropriate clothing to prevent any possibility of skin contact.
8.2.2.3 Respiratory protection	Self-contained breathing apparatus.
Ventilation	
8.2.2.4 Thermal hazards	
8.2.3 Environmental exposure controls	No additional data available.

9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	Colourless to pale yellow
Appearance	Mobile 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	49 (Closed Cup)
Auto- ignition temperature	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.
Density and /or relative density	0.905 - 0.925 @ 20°C
Relative vapour density	
Particle characteristics	
Explosive Properties	
Oxidising Properties	
9.2 Other information	
Specific gravity d_{20}^{20}	
Optical rotation @ 20°C	
Refractive index @ 20°C	
Typical analysis of major components	


10. Stability and reactivity	
10.1 Reactivity	No additional data available.
10.2 Chemical Stability	Stable under normal temperatures conditions.
10.3 Possibility of hazardous reactions:	No additional data available.
10.4 Conditions to avoid:	Heat, sparks, and open flames.
10.5 Incompatible Materials:	Avoid contact with strong oxidising agents and strong acids.
10.6 Hazardous Decomposition Products	Combustion produces carbon dioxide, carbon monoxide and smoke.


11. Toxicological information	
11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008	
Information on Toxicological Effects	
Acute toxicity:	Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment.
Skin corrosion /irritation:	May cause sensitisation by skin contact.
Seriously eye damage/irritation:	Spray and vapour in the eyes may cause irritation and smarting.
Respiratory or skin sensitisation:	In high concentrations, vapours may irritate throat and respiratory system and cause coughing.
Germ cell mutagenicity:	No additional data available.
Carcinogenicity:	No additional data available.
Reproductive toxicity:	No additional data available.
Summary of evaluation of the CMR properties:	
STOT- single exposure,	No additional data available.

STOT-repeated exposure:	No additional data available.
Aspiration hazard:	No additional data available.

12. Ecological information	
12.1 Toxicity	No additional data available.
12.2 Persistence & 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	
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 /containers in accordance with local /regional /national / international regulations.

14. Transport information	
14.1 UN Number or ID number	 Warning ICON
14.2 UN proper Shipping name	EXTRACTS, AROMATIC, LIQUIDS
14.3 Transport hazard class(es)	UN No. Road - UN1169
14.4 ADR Class.	3
ADR Pack Gr.	III
Hazard No (ADR)	30 Flammable liquid (flashpoint between 23°C and 60°C inclusive) or flammable liquid or solid in the molten state with a flashpoint above 60°C, Heated to a temperature equal to or above its flashpoint, or self-heating liquid.
Emergency Action Code	3Y
UN No. SEA	UN 1169
IMDG Class	3
IMDG Pack Gr.	III
EMS	F-E, S-D

UN No. AIR	UN 1169
Air Class	3
Air Pack Gr.	III
14.5 Environmental hazards	
14.6 Special precautions for user	See Section 6 to 8.
14.7 Maritime transport in bulk according to IMO instruments	Transport in Bulk According to Annex II of MARPOL73/78 and the IBC Code: Packed and transferred according to transport regulations.

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 18 th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 199/45/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/EEC 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:**

RID: Reglement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Good 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)

ADR: Accord europeen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

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)

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
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



**Penny Price Aromatherapy/ Aroma Formulations
SAFETY DATA SHEET
According to Regulation (EC) No.1272/2008**

contract to supply to any specification or for any given application and buyers should seek to verify their requirements and product use.