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

1. Identification of the substances / mixture and of the company/undertaking.		
1.1 Product identifier: Eucalyptus Oil Staigeriana Australia		
Substance name:		
Biological Definition	Essential oil obtained by steam distillation of leaves and terminal branches of *Eucalyptus staigeriana* tree F. Muell ex Bailey.	
INCI Name	Eucalyptus staigeriana (Not an official INCI name).	
Synonyms & Trade Names	Lemon ironbark oil, Lemon-scented ironbark oil.	
EC NO:	**CAS NO: 91771-61-6**	**EINECS CAS Number: 294-963-6**
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. Or call NHS 111 or NHS 999	

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. 3 - H226	
	Human Health	Asp. Haz. 1- H304	Skin Cor/ Irrit. 2 – H315
		Skin Sens. 1 - H317	Eye Dam/ Irrit. 2 – H319
	Environment	Aquatic Acute. 1 – H410	Aquatic Chronic. 1

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.

H319	Causes serious eye irritation.	H410	Very toxic to aquatic life with long-lasting effects.

Precautionary statements.	
P210	Keep away from heat / sparks / open flames / hot surfaces.
P261	Avoid breathing dust / fume / gas / mist / vapours / spray.
P273	Avoid release to the environment.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
Supplementary Precautionary Statements:	
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
2.3 Other hazards – Results of PBT and vPvB According to Annex XIII	No
Adverse Physio-chemical Properties	Combustible but should not self-ignite. However, paper soaked in oil e.g., filter papers should be carefully place in sealed outside bins to eliminate possible of smouldering / self-ignition especially in direct sunlight.
Adverse Effects on Human Health	Repeated or prolonged skin contact can lead to irritation or sensitisation.

3. 1 Composition / information on ingredients:			
Substance name	**Index number under CLP Annex VI**	**Weight % content (or range)**	**CL, M-Factor, ATE**
Cineoles	CAS No: 470-82-6	1.8 - 2%	ATO 5 (2480); SCI 3
Limonene	CAS No: 5989-27-5	24.5 – 28.8%	SCI 2; SS 1; EH A1, C1
Citral	CAS No: 6392-40-5	22.9 - 28.5%	ATO 5 (4950); ATD 5 (2250); SCI 2; SS 1; EH A2
Terpinolene	CAS No: 586-62-9	6.9 – 9.7%	ATO 5 (3850); SCI 3; EH A2
Geraniol	CAS No: 106-24-1	3.9 - 6.1 %	ATO 5 (4200); SCI 2; EDI 1; SS 1; EH A2
Geranyl Acetate	CAS No: 105-87-3	2.4 – 3.6%	SCI 3; EH A2; C2
Alpha-Pinene	CAS No: 80-56-8	2.5 -3.1 5	ATO 5 (3700); SCI 2: SS 1

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:	Use CO2, Dry Powder or Foam type extinguisher, spraying extinguishing media to base of flames.
Unsuitable extinguishing media:	Do not use direct water jet on burning material.
5.2 Special hazards arising from the substances or mixture: None	
Hazardous combustion products:	**Protective Measures in Fire:** Closed containers may build up pressure when exposed to heat and should be cooled with water spray.
5.3 Advice for firefighters	Wear protective clothing. Avoid inhalation of vapours.

6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures	
6.1.1 For non-emergency personnel	
Protective equipment:	
Emergency procedures:	**Personal Precautions:** Maintain good occupational and personal hygiene. Avoid contact with skin and eyes.
6.1.2 For Emergency responders	
6.2 Environmental precautions	Do not discharge directly into drains or soil. Keep away from surface and ground water.
6.3 Methods for cleaning up – **6.3.1 For containment:**	Soak up spillage with sand or other inert material. Transfer soaked material to suitable waste container and dispose according to prevailing regulations.
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. 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.	
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:	
Storage Class: Further information on storage containers:	Store in tightly closed original container, in a cool, dry, and ventilated area away from heat sources and protected from light. Keep air contact to a minimum.
7.3 Specific end use(s).	
Recommendations:	
Industrial sector specific solutions:	

8. Exposure controls/Personal protection:	
8.1 Control parameters	
8.2 Exposure controls	
Engineering Measures	Ensure good ventilation of working area.
8.2.2 Personal Protection equipment	
8.2.2.1 Eye / face protection	Wear safety googles.
8.2.2.2 Skin Protection	As required. Wash hands with soap and water after handling.
Hand protection	Avoid all skin contact. Use chemically resistant gloves if required.
Other skin protection	
8.2.2.3 Respiratory protection	As required. Avoid breathing product vapour.
Ventilation	
8.2.2.4 Thermal hazards	
8.2.3 Environmental exposure controls	

9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	Pale yellow to yellow.
Appearance	Oily liquid.
Odour	Acidic, dry, and fresh.
Melting Point / freezing point	Not given.
Boiling point /Initial boiling point & boiling range	Not given.
Flammability	
Lower and upper explosion limit	
Flash point ^{0}C	55°C
Auto- ignition temperature	Not determined.
Decomposition temperature	
pH	
Kinematic Viscosity	
Solubility in Water @ 20°C	Not soluble.
Solubility in other Solvents	
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	Not given.
Density and /or relative density	
Relative vapour density	0.875 to 0.916 @ 20°C
Particle characteristics	
Explosive Properties	
Oxidising Properties	
9.2 Other information	
Specific gravity d_{20}^{20}	
Optical rotation @ 20^{0}C	
Refractive index @ 20^0 C	1.472 -1.572
Typical analysis of major components	

10. Stability and reactivity	
10.1 Reactivity	
10.2 Chemical Stability	It presents no significant reactivity hazards, by itself or in contact with water.
10.3 Possibility of hazardous reactions:	
10.4 Conditions to avoid:	Avoid storage temperatures above 25°C
10.5 Incompatible Materials:	Avoid contact with strong acids, alkalis, and oxidising agents.
10.6 Hazardous Decomposition Products	Liable to cause smoke and acrid fumes during combustion: Carbon monoxide and other non-identified organic compounds may be formed.

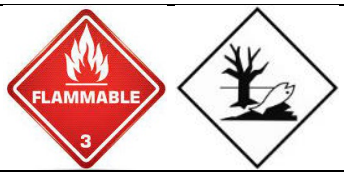
11. Toxicological information
11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008

Information on Toxicological Effects	
Acute toxicity:	Not determined.
Skin corrosion /irritation:	Irritating to skin. Skin irritation Hazard Category 2 under EC 1272/2008 guidelines.
Seriously eye damage/irritation:	Irritating to eyes. Hazard Category 2 under EC 1272/2008 guidelines.
Respiratory or skin sensitisation:	Contains the contact allergens: Citral, Citroellol, Gerniol, Limonene, Linalool. Skin Sensitiser Category 1 under EC 1272/2008 guidelines.
Germ cell mutagenicity:	No additional data available.
Carcinogenicity:	No additional data available.
Reproductive toxicity:	Not reprotoxic.
Summary of evaluation of the CMR properties:	
STOT- single exposure,	No additional data available.
STOT-repeated exposure:	No additional data available.
Aspiration hazard:	Aspiration Hazard Category 1 under EC 1272/ 2008.
Photo-toxicity:	Not general considered photo-toxic but use with caution.
Other Information	Flammable liquid Hazard Category 3 under EC 1272/2008 guidelines.

12. Ecological information:	
12.1 Toxicity	Eco toxicity: Environmental Hazard Categories: Acute 1; Chronic 1.
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	Precautions: Avoid discharge into the environment especially into waterways, sewers, and the sea.

13. Disposal considerations	
13.1 Waste treatment methods	Do not release into the environment. Collect waste into suitable containers and contact hazardous chemical disposal company.
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	
14.2 UN proper Shipping name	EXTRACTS, AROMATIC, LIQUID
14.3 Transport hazard class(es) UN. No. Road	UN 1169
14.4 Packing group	ADR Class: 3
14.5 Environmental hazards	(ADR) - 30
14.6 Special precautions for user	Hazchem Code: 3Z
UN No. SEA	UN 1169
IMDG Class	Class 3
IMDG Pack Group.	III
EMS	F-A, S-F
UN No. AIR	UN1169
Air Class	3
Air Pack Group.	III
14.7 Maritime transport in bulk according to IMO instruments	

15 Regulatory information	
15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture	
EU Directives	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 199/45/EC and repealing Council Regulations 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, 93/97/EEC, and 93/105/EEC and 2000/21/EC including amendments.
15.2 Chemical Safety Assessment	The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (S.I. 2009 No 716).
Approved Code of Practice	Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.
Guidance Notes	Workplace Exposure Limits EH40, CHIP for everyone HSG 108.

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 marschandisers 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" (LATA)

ICAO: International Civil Aviation Organisation
ICAO-TI: Technical Instructions by the 'International Civil Aviation Organisation" (ICAO)
ADR: Accord eurpeen 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 – 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:	Complies with REACH guidance for SDS as circulated by ECHA 2011.
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.