


1. Identification of the substances / mixture and of the company/undertaking.			
1.1 Product identifier:			
Substance name:			
Biological Definition	Product Name: Linden Blossom Absolute		
INCI Name	Tilia Cordata Extract		
Synonyms & Trade Names			
EC NO: 284-536-2	CAS NO: 84929-52-2	EINECS CAS Number:	
Index No:	Reach Registration No:		
1.2 Relevant identified uses of the substance or mixture and uses advised against			
Identified uses: SU3] Industrial uses: Uses of substances as such or in preparations at industrial sites; [SU10] Formulation [mixing] of preparations and/or re-packaging (excluding alloys); [PC39] Cosmetics, personal care. For use in the Cosmetics and Personal Care Industry			
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			
Classification: 67/548/EEC	This material does not meet the criteria for classification under Regulation (EC) No 1272/2008		
Classified according to Regulation (EC) 1272/2008 (CLP) as amended	Physical and Chemical Hazards		
	Human Health	Skin Corr/ Irrit. 2 – H315	Eye dam / Irrit. 2 – H319
		Skin Sens. 1- H317	
	Environment		
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:			
			
Signal Word. WARNING			
Hazard statements.			
H315	Causes skin irritation.	H317	May cause an allergic skin reaction
H319	Causes serious eye irritation		

Precautionary statements.			
P261	Avoid breathing vapour or dust.		
P264	Wash hands and other contacted skin thoroughly after handling		
P272	Contaminated work clothing should not be allowed out of the workplace.		
P280	Wear protective gloves/eye protection/face protection.		
P302+P352	IF ON SKIN: Wash with plenty of soap and water.		
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.		
P337+P313	If eye irritation persists: Get medical advice/attention		
P362	Take off contaminated clothing and wash before reuse		
P501	Dispose of contents/container according to local / regional / national / international regulations.		
Supplementary Precautionary Statements:			
2.3 Other hazards – Results of PBT and vPvB According to Annex XIII	Not Applicable		
Adverse Physio-chemical Properties			
Adverse Effects on Human Health			

3. 1 Composition / information on ingredients:

Substances 67/548/EEC / 1999/45/EC

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Linalool	CAS: 78-70-6 EC: 201-134-4	10.00%	Skin Irrit. 2 - H315 Skin Sens. 1B- H317 Eye Irrit. 2 - H319
Cinnamyl alcohol	CAS: 104-54-1 EC: 203- 212-3	5.00%	Skin Sens. 1B- H317
Benzyl salicylate	CAS: 118-58-1 EC: 204-262-9	5.00%	Eye Irrit.2B – H320 Skin Sens. 1B- H317 Aquatic Chronic 3 - H420

4. First Aid Measures

4.1 General	Immediately remove any clothing soiled by the product.
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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:	
Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation	
4.3 Indication of any immediate medical attention and special treatment need	
None expected, see Section 4.1 for further information	
5. Firefighting Measures	
5.1 Extinguishing Media:	
Suitable extinguishing media:	Carbon dioxide (CO ₂). Foam. Dry chemical.
Unsuitable extinguishing media:	
5.2 Special hazards arising from the substances or mixture:	
Hazardous combustion products:	In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds
5.3 Advice for firefighters	Must wear self-contained breathing apparatus in case of insufficient ventilation
6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures	
6.1.1 For non-emergency personnel	
Protective equipment:	
Emergency procedures:	Avoid inhalation. Avoid contact with skin and eyes. Maintain good occupational and personal hygiene. See protective measures under section 7 & 8.
6.1.2 For Emergency responders	
6.2 Environmental precautions	Avoid release to soil, drains, surface and ground water, and sewers. Dispose in line with local authority guidelines.
6.3 Methods for cleaning up – 6.3.1 For containment:	Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose in line with local authority guidelines.
6.3.2 For cleaning up:	
6.3.3. Other information:	

6.4 Reference to other sections	See sections 8 and 13 for additional information
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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:	Keep away from heat, open flames, hot surfaces and sources of ignition.
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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:	Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation. Do not eat, drink or smoke when using this product.
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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:	Keep container tightly closed and store in a cool and well-ventilated environment. Keep away from sources of ignition. Ground/bond container and receiving equipment. Provide suitable mechanical equipment for the safe handling of drums and heavy packages. Use non explosion-proof electrical ventilating and lighting equipment. Use non-sparking tools and take precautionary measures against static discharge.
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Storage Class: Further information on storage containers:	
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7.3 Specific end use(s).	For use in the Cosmetics and Personal Care Industry. Use in accordance with good manufacturing and industrial hygiene practices.
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Recommendations:	
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Industrial sector specific solutions:	
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8. Exposure controls/Personal protection:

8.1 Control parameters	Not applicable.
8.2 Exposure controls	
Engineering Measures	Ensure good ventilation of working area.
8.2.2 Personal Protection equipment:	Use personal protective equipment as required.
8.2.2.1 Eye / face protection	Wear protective glasses / goggles and face protection.
8.2.2.2 Skin Protection	Wear protective gloves. Wear protective skin covering.
Hand protection	
Other skin protection	
8.2.2.3 Respiratory protection	Respiratory Protective Equipment (RPE) is not normally required where there is adequate natural or local exhaust ventilation to control buildup of excessive vapour.
Ventilation	
8.2.2.4 Thermal hazards	
8.2.3 Environmental exposure controls	
Other:	Always observe good personal hygiene measures, such as washing hands after handling the material and before eating and drinking. See sections 2 & 7 for additional information.
9. Physical and chemical properties- C of A	
9.1 Information on basic physical and chemical properties	
Colour	Dark brown - Tan
Appearance	Liquid
Odour	Sweet, floral
Melting Point	Not determined
Freezing point	Not determined
Initial boiling point	Not determined
Flammability (solid, gas)	Not determined
Lower and upper explosion limit	
Flash point °C	> 100°C
Evaporation rate.	Not determined
Auto- ignition temperature	
Decomposition temperature	
pH	Not determined
Kinematic Viscosity	
Solubility in Water	Insoluble in water
Solubility in other Solvents	
Partition coefficient	Not determined
Vapour Pressure	Not determined
Bulk Density	Not determined
Relative vapour density	
Particle characteristics	
Explosive Properties	Not determined

Oxidising Properties	Not determined
9.2 Other information	No data available
Specific gravity	0.960 to 0.995 @ 20 °C
Optical rotation	5.0 to 15.0 @ 20 °C
Refractive index	1.487 to 1.497 @ 20 °C
Typical analysis of major components	

10. Stability and reactivity	
10.1 Reactivity	Stable under the recommended handling and storage conditions. Presents no significant reactivity hazards on its own or in contact with water.
10.2 Chemical Stability	Stable under recommended handling and storage conditions.
10.3 Possibility of hazardous reactions:	Not expected under normal conditions of use.
10.4 Conditions to avoid:	Avoid extreme heat.
10.5 Incompatible Materials:	Avoid contact with strong acids, alkalis or oxidising agents.
10.6 Hazardous Decomposition Products	Not expected. In the event of a fire see section 5.

11. Toxicological information	
11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008	
Information on Toxicological Effects	
Acute toxicity:	Acute Toxicity Oral: >5000
Skin corrosion /irritation:	Skin Corrosion / Irritation Category 2 Sensitization - Skin Category 1
Seriously eye damage/irritation:	Eye Damage / Irritation Category 2
Respiratory or skin sensitisation:	No data is available on this product
Germ cell mutagenicity:	No data is available on this product
Carcinogenicity:	No data is available on this product
Reproductive toxicity:	No data is available on this product
Summary of evaluation of the CMR properties:	
STOT- single exposure,	
STOT-repeated exposure:	
Aspiration hazard:	

12. Ecological information	
12.1 Eco Toxicity	No data available

12.2 Persistency & degradability	No data available
12.3 Bio accumulative potential	No data available
12.4 Mobility in soil	No data available
12.5 Results of PBT and vPvB Assessment	No data available
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	

13. Disposal considerations	
13.1 Waste treatment methods	Recover spillages where possible. Collect and dispose of waste products at an authorized disposal facility. Do not allow material to intrude soil or waters. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.
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:	Disposal of contents / container in accordance with local / regional / national / international regulations.

14. Transport information	
14.1 UN Number or ID number	The product is not classified as dangerous for carriage.
14.2 UN proper Shipping name	The product is not classified as dangerous for carriage.
14.3 Transport hazard class(es)	The product is not classified as dangerous for carriage.
14.4 Packing group	The product is not classified as dangerous for carriage.
14.5 Environmental hazards	The product is not classified as dangerous for carriage.
14.6 Special precautions for user	The product is not classified as dangerous for carriage.
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 Legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization 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.
15.2 Chemical Safety Assessment	When stored for more than 12 months under advised conditions, check quality of material before use.

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

Classification procedure

Regulation (EC) 1272/2008(CLP)	
(v) Relevant H-statements (number and full text):	
(vi) Training advice:	
(vii) Further information:	Concentration % Limits - EDI 2A=66.67% SCI 2=100.00% EDI 2=100.00% SS 1=10.00% Total Fractional Values - EDI 2A=1.50 SCI 2=1.00 EDI 2=1.00 SS 1=10.00
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.	