


1. Identification of the substances / mixture and of the company/undertaking.		
1.1 Product identifier: LAVANDIN S		
Article number: ROBUKO55		
Biological Definition		
INCI Name		
Synonyms & Trade Names		
EC NO:	CAS NO:	EINECS CAS Number:
Index No:	Reach Registration No:	
1.2 Relevant identified uses of the substance or mixture and uses advised against: No further relevant information available.		
Identified uses: Multi uses. Perfume products		
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		
	Human Health	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319	Skin Sens. 1 – H317
	Environment	Aquatic Chronic. 3 – H412	
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:			
			
Signal Word. WARNING			
. Hazard-determining components of labelling:			
Eucalyptol bornan-2-one d-limonene Geranyl Acetate Beta pinene Alpha pinene			

oct-1-en-3-yl acetate Geraniol			
Hazard statements.			
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.
Precautionary statements.			
P261	Avoid breathing dust / fume/ gas/ mist/ vapours / spray.		
P280	Wear protective gloves / protective clothing / eye protection / face protection.		
P273	Avoid release to the environment.		
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.		
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 assessment.	PBT: Not applicable. vPvB: Not applicable.		
Adverse Physio-chemical Properties			
Adverse Effects on Human Health			

3. 1 Composition / information on ingredients:

3.2 Chemical Characterisation: Mixtures

Description: NCS (UVCB) Constituents Information
. hazardous components:

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Linalyl acetate	CAS: 115-95-7 EINECS: 204-116-4	25 -50%	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Linalool	CAS: 78-70-6 EINECS: 201-134-4	25 -50 %	Skin Irrit. 2, H315 Eye Irrit. 2, H319
Eucalyptol	CAS: 470-82-6 EINECS: 207-431-5	2.5-10%	Flam. Liq. 3, H226 Skin Sens. 1B, H317
Camphor	CAS: 21368-68-3 EINECS: 244-350-4	2.5-10%	Flam. Sol. 2, H228 STOT SE 2, H371 Acute Tox. 4, H302 Acute Tox. 4, H332
bornan-2-one	CAS: 76-22-2	≤ 2.5%	Flam. Sol. 2, H228

	EINECS: 207-355-2		STOT SE 2, H371 Acute Tox. 4, H302 Acute Tox. 4, H332 Skin Sens. 1, H317
DL-borneol	CAS: 507-70-0 EINECS: 208-080-0	≤ 2.5%	Flam. Sol. 2, H228
Cis beta ocimene	CAS: 13877-91-3 EINECS: 237-641-2	≤ 2.5%	Flam. Liq. 3, H226 Asp. Tox. 1, H304
d-limonene	CAS: 5989-27-5 EINECS: 227-813-5	≤ 2.5%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Irrit. 2, H315 Skin Sens. 1B, H317
Geranyl Acetate	CAS: 105-87-3 EINECS: 203-341-5	≤ 2.5%	Skin Irrit. 2, H315 Skin Sens. 1B, H317 Aquatic Chronic 3, H412
Beta pinene	CAS: 127-91-3 EINECS: 204-872-5	≤ 2.5%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Skin Irrit. 2, H315 Skin Sens. 1B, H317
Alpha pinene	CAS: 80-56-8 EINECS: 201-291-9	≤ 2.5%	Flam. Liq. 3, H226 Asp. Tox. 1, H304 Skin Irrit. 2, H315 Skin Sens. 1, H317
Coumarin	CAS: 91-64-5 EINECS: 202-086-7	≤ 2.5%	Acute Tox. 3, H301
oct-1-en-3-yl acetate	CAS: 2442-10-6 EINECS: 219-474-7	≤ 2.5%	Acute Tox. 4, H302 Skin Sens. 1B, H317
camphene	CAS: 79-92-5 EINECS: 201-234-8	≤ 2.5%	Flam. Sol. 1, H228 Aquatic Acute 1, H400 Aquatic Chronic 1, H410 Eye Irrit. 2, H319
Geraniol	CAS: 106-24-1 EINECS: 203-377-1	≤ 2.5%	Eye Dam. 1, H318 Skin Irrit. 2, H315 Skin Sens. 1, H317
. Additional information: For the wording of the listed hazard phrases refer to section 16			

4. First Aid Measures

4.1 General

Immediately remove any clothing soiled by the product.

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

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:	CO ₂ , powder, or water spray. Fight larger fires with water spray or alcohol resistant foam.
Unsuitable extinguishing media:	Water with full jet.
5.2 Special hazards arising from the substances or mixture: Carbon monoxide (CO)	
Hazardous combustion products:	
5.3 Advice for firefighters	. Protective equipment: No special measures required
6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures: Not required.	
6.1.1 For non-emergency personnel	
Protective equipment:	
Emergency procedures:	
6.1.2 For Emergency responders	
6.2 Environmental precautions	Do not allow product to reach sewage system or any water course. Inform respective authorities in case of seepage into water course or sewage system.
6.3 Methods for cleaning up – 6.3.1 For containment:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.
6.3.2 For cleaning up:	
6.3.3. Other information:	
6.4 Reference to other sections	See Section 7 for information on safe handling.

	See Section 8 for information on personal protection equipment. See Section 13 for disposal 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:	No special measures required.
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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:	Store only in unopened original receptacles.
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Storage Class: Further information on storage containers:	Keep receptacle tightly sealed. Store in the dark.
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7.3 Specific end use(s).	No further relevant information available.
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Recommendations:	
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Industrial sector specific solutions:	
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8. Exposure controls/Personal protection:

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

. Ingredients with limit values that require monitoring at the workplace:

CAS No.	Designation of material	%	Type	Value	Unit
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76-22-2	bornan-2-one				
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WEL	Short-term value: 19 mg/m ³ , 3 ppm Long-term value: 13 mg/m ³ , 2 ppm
. Additional information: The lists valid during the making were used as basis.	
8.2 Exposure controls	
Engineering Measures	Ensure good ventilation of working area.
8.2.2 Personal Protection equipment	
. General protective and hygienic measures:	Keep away from foodstuffs, beverages, and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.
8.2.2.1 Eye / face protection	Tightly sealed goggles.
8.2.2.2 Skin Protection	
Hand protection	Protective gloves The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation. Material of gloves The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application. Penetration time of glove material The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed
Other skin protection	
8.2.2.3 Respiratory protection	Not required.
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	According to product specification.
Appearance	Liquid
Odour	Characteristic
Melting Point / freezing point	Undetermined
Boiling point /Initial boiling point & boiling range	Undetermined

Flammability (solid, gaseous)	Not applicable.
Lower and upper explosion limit	
Flash point °C	76°C
Auto- ignition temperature	Product is not self-igniting.
Danger of explosion.	Product does not present an explosion hazard.
Decomposition temperature	Not determined.
pH	
Kinematic Viscosity	
Solubility in / Miscibility with Water	Not miscible or difficult to mix.
Solubility in other Solvents	
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	
Density and /or relative density	Not determined.
Evaporation rate	Not determined
Relative vapour density	
Particle characteristics	
Explosive Properties	
Oxidising Properties	
9.2 Other information	No further relevant information available
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 further relevant information available.
10.2 Chemical Stability	
. Thermal decomposition / conditions to be avoided:	No decomposition if used according to specifications.
10.3 Possibility of hazardous reactions:	No further relevant information available.
10.4 Conditions to avoid:	No further relevant information available.
10.5 Incompatible Materials:	No further relevant information available.
10.6 Hazardous Decomposition Products	No dangerous decomposition products known.

11. Toxicological information	
11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008	
Information on Toxicological Effects	
Acute toxicity:	Based on available data, the classification criteria are not met.
Skin corrosion /irritation:	Causes skin irritation.
Seriously eye damage/irritation:	Causes serious eye irritation.

Respiratory or skin sensitisation:	May cause an allergic skin reaction
Germ cell mutagenicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met
Reproductive toxicity:	Based on available data, the classification criteria are not met
Summary of evaluation of the CMR properties:	Based on available data, the classification criteria are not met
STOT- single exposure,	Based on available data, the classification criteria are not met
STOT-repeated exposure:	Based on available data, the classification criteria are not met
Aspiration hazard:	Based on available data, the classification criteria are not met

12. Ecological information	
12.1 Toxicity	Aquatic toxicity: No further relevant information available.
12.2 Persistency & degradability	No further relevant information available.
12.3 Bio accumulative potential	No further relevant information available.
12.4 Mobility in soil	No further relevant information available.
Ecotoxicological effects:	Remark: Harmful to fish Additional ecological information: General notes: Harmful to aquatic organisms
12.5 Results of PBT and vPvB Assessment	PBT: Not applicable. vPvB: Not applicable.
12.6 Endocrine disrupting properties	
12.7 Other adverse effects	No further relevant information available.

13. Disposal considerations	
13.1 Waste treatment methods	Must not be disposed together with household rubbish. Do not allow product to reach sewage system.
13.1.1. Product /Packaging disposal:	Disposal must be made according to official regulations.
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, ADN, IMDG, IATA	Void
14.2 UN proper Shipping name ADR, ADN, IMDG, IATA	Void
14.3 Transport hazard class(es) ADR, ADN, IMDG, IATA . Class	Void

14.4 Packing group ADR, IMDG, IATA	Void
14.5 Environmental hazards Marine pollutant.	No
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to Annex II of Marpol and the IBC Code.	Not applicable
Transport/Additional information: Not dangerous according to the above specifications.	
. ADR . Remarks:	not dangerous
. ADN . Remarks:	not dangerous
. IMDG . Remarks:	not dangerous
. IATA . Remarks:	not dangerous
. UN "Model Regulation":	Void

15 Regulatory information

15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture

Directive 2012/18/EU

. Named dangerous substances - ANNEX I None of the ingredients is listed.

. REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

15.2 Chemical Safety Assessment	A Chemical Safety Assessment has not been carried out.
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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
STOT SE 2: Specific target organ toxicity (single exposure) – Category 2
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.



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