


<b>1. Identification of the substances / mixture and of the company/undertaking.</b>			
<b>1.1 Product identifier: Basil Oil Linalool</b>			
<b>Substance name: Ocimum Basilicum Oil</b>			
<b>EC NO:</b>	<b>283-900-8</b>	<b>CAS NO: 8015-73-4</b>	<b>UFI: (FEMA Number: 2119)</b>
<b>Index No:</b>	<b>Reach Registration No: (EINECS CAS Number: 84775-71-3)</b>		
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>			
<b>Identified uses:</b> Industrial, professional use.			
<b>Uses advised against:</b>			
<b>1.3 Details of the supplier of the safety data sheet</b>			
<b>Company</b>	Penny Price Aromatherapy Ltd		
	Unit D3 Radius Court		
	Maple Drive		
	Hinckley		
	Leicestershire LE10 3BE		
<b>Email</b>	info@penny-price.com		
<b>1.4 Emergency Telephone Number</b>	00 44 (0) 1455 251020 opening hours Mon – Thurs 9am – 5pm, Fri 9am – 2pm. <u>Or call NHS 111 or NHS 999</u>		

<b>2. Hazards Identification</b>			
<b>2.1 Classification of the substance or mixture</b>			
<b>Classified according to Regulation (EC) 1272/2008 (CLP) as amended</b>	Physical and Chemical Hazards	Not classified.	
	Human Health	Skin Irrit. 2 – H315	Eye Irrit. 2 – H319
		Skin Sens. 1 – H317	Asp. Tox. 1 – H304
	Environment	Aquatic Chronic. 3 – H412	
<b>2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:</b>			
			
<b>Signal Word. Danger</b>			
<b>Hazard statements.</b>			
H226	Flammable liquid and vapour	H302	Harmful if swallowed
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.
H341	Suspected of causing genetic defects.	H351	Suspected of causing cancer.

H400	Vert toxic to aquatic life.	H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.		
<b>Precautionary statements.</b>			
P264	Wash contaminated skin thoroughly after handling.	P272	Contaminate work clothing should not be allowed out of the workplace.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE/doctor.	P331	Do NOT induce vomiting.
P321	Specific treatment (see medical advice on this label).	P302+P352	IF ON SKIN: Wash with plenty of water.
P332+P313	If skin irritation occurs: Get medical advice /attention.	P333+P313	If skin irritation or rash occurs: Get medical advice / attention
P337+P313	If eye irritation persists: Get medical advice / attention.	P405	Store locked up.
P261	Avoid breathing vapour / dust.	P273	Avoid release to the environment.
P280	Wear protective gloves/ protective clothing/ eye protection/ face protection	P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362+P364	Take off contaminated clothing and wash it before reuse.	P501	Dispose of contents / containers in accordance with national regulations.
<b>2.3 Other hazards –</b>			

### 3. 1 Composition / information on ingredients:

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	40 – 60 %	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Skin Sens. 1 – H317
1, 8 cineole	CAS: 470-82-6 EC: 207-431-5	7 -15%	Flam. Liq. 3 – H226 Skin Sens. 1B- H317
Eugenol	CAS: 97-53 – 0 EC: 202-589 -1	6-18%	Eye Irrit. 2 – H319 Skin Sens. 1 – H317 Asp. Tox. 1 – H304
Trans beta Ocimene	CAS: 3779-61-1 EC: 223-241-5 M Factor (Acute) = 1	<2%	Skin Irrit. 2 – H315 Aquatic Acute. 1 – H400 Aquatic Chronic. 2 – H411
Bornyl Acetate	CAS: 76-49-3	<2%	Not Classified

	EC: 200-964 -4		
Beta Bisabolene	CAS: 495-61-4	<2%	Skin Irrit. 2 – H315 Skin Sens. 1 – H317 Asp. Tox. 1 – H304
Estragole	CAS: 140- 67 -0 EC: 205-427-8	Max 3%	Acute Tox. 4 – H302 Skin Irrit. 2 - H315 Skin Sens. 1B – H317 Muta. 2 – H341 Carc. 2 – H351

<b>4. First Aid Measures</b>	
<b>4.1 General</b>	Consider the precautionary statements.
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.
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. If you feel unwell immediately call a POISON CENTER or GP. Aspiration hazard if swallowed.
<b>4.2 Most important symptoms and effects, both acute and delayed:</b>	
	No further information.
<b>4.3 Indication of any immediate medical attention and special treatment need</b>	
<b>Ingestion</b>	May be fatal if swallowed and enters airways.
<b>Skin Contact</b>	Causes skin irritation. May cause an allergic skin reaction.
<b>5. Firefighting Media</b>	
<b>5.1 Extinguishing Media:</b>	
<b>Suitable extinguishing media:</b>	Use as appropriate: Carbon dioxide (CO2), dry chemical or foam.
<b>Unsuitable extinguishing media:</b>	Do not use a water extinguisher.
<b>5.2 Special hazards arising from the substances or mixture</b>	
<b>Hazardous combustion products:</b>	No information available.
<b>Advice for firefighters</b>	Wear relevant protective clothing. Do not get in eyes, on skin, or on clothing. Avoid breathing in dust/fumes/gas/mist/vapours/ spray.
<b>Extinguishing procedures</b>	Closed containers may build up pressure when exposed when exposed to heat and should be cooled with water spray.

<b>6 Accidental release measures</b>	
<b>6.1 Personal precautions, protective equipment, and emergency procedures</b>	
<b>6.1.1 For non-emergency personnel</b>	
<b>Protective equipment:</b>	The wearing of suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes, and personal clothing.
<b>Emergency procedures:</b>	No further information.
<b>6.1.2 For Emergency responders</b>	
<b>6.2 Environmental precautions</b>	
Keep away from drains, soils, surface, and ground waters.	
<b>6.3 Methods for cleaning up –</b>	
<b>6.3.1 For containment:</b>	
Remove all potential ignition sources. Contain spilled material.	
<b>6.3.2 For cleaning up:</b>	
Cover with an inert or non-combustible inorganic material or sweep up and remove to an approved disposal container.	
<b>6.3.3. Other information:</b>	
Dispose of in accordance with local/ regional/ national/ international regulations.	
<b>6.4 Reference to other sections</b>	

<b>7. Handling and storage</b>	
<b>7.1 Precautions for safe handling</b>	
<b>Protective measures:</b>	
<b>Measures to prevent fire:</b>	Keep away from ignition courses and naked flames. Take precautions to avoid static discharge in working areas.
<b>Measures to prevent aerosol and dust generation:</b>	Apply good manufacturing practice and industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene and do not eat, drink, or smoke whilst handling. Take precautionary measures against static discharge.
<b>Measures to protect the environment:</b>	Reduce the release of the substance or mixture to the environment, such as avoiding spills or keeping away from drains.
<b>Advice on general occupational hygiene:</b>	Store in tightly closed original container, in a dry, cool, and well-ventilated area away from heat sources and protected from light. Keep air contact to a minimum.
<b>7.2 Conditions for safe storage, including any incompatibilities</b>	

<b>Technical measures and storage conditions:</b>	
<b>Packaging Materials:</b>	
<b>Requirements for storage and vessels:</b>	
<b>Storage Class: Further information on storage containers:</b>	
<b>7.3 Specific end use(s).</b>	
<b>Recommendations:</b>	
<b>Industrial sector specific solutions:</b>	

**8. Exposure controls/Personal protection**

<b>8.1 Control parameters</b>	
<b>8.2 Exposure controls</b>	
<b>8.2.2 Personal Protection equipment</b>	
8.2.2.1 Eye / face protection	Wear approved safety goggles / face shields
8.2.2.2 Skin Protection	Wear protective clothing in case of splashes
Hand protection	Chemical resistant gloves (PVC).
Other skin protection	Wear protective clothing. Wash contaminated clothing before reuse. Eyewash station and washing facilities are recommended.
8.2.2.3 Respiratory protection	None required for normal usage, but if vapour becomes high then use approved respirator.
Ventilation	Provide adequate ventilation.
8.2.2.4 Thermal hazards	No further information.
<b>8.2.3 Environmental exposure controls</b>	No further information.

**9. Physical and chemical properties- C of A**

<b>9.1 Information on basic physical and chemical properties</b>	
Colour	
Appearance	
Odour	
Melting Point / freezing point	

Boiling point /Initial boiling point & boiling range	
Flammability	
Lower and upper explosion limit	
Flash point °C	
Auto- ignition temperature	
Decomposition	
pH	
Kinematic Viscosity	
Solubility	
Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	
Density and /or relative density	
Relative vapour density	
Particle characteristics	
<b>9.2 Other information</b>	
Specific gravity d <sub>20</sub> <sup>20</sup>	
Optical rotation @ 20°C	
Refractive index @ 20°C	
Typical analysis of major components	

<b>10. Stability and reactivity</b>	
<b>10.1 Reactivity</b>	
<b>10.2 Chemical Stability</b>	
<b>10.3 Possibility of hazardous reactions:</b>	
<b>10.4 Conditions to avoid:</b>	
<b>10.5 Incompatible Materials:</b>	
<b>10.6 Hazardous Decomposition Products</b>	

<b>11. Toxicological information</b>	
<b>11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008</b>	
<b>Acute toxicity:</b>	
<b>Skin corrosion /irritation:</b>	
<b>Seriously eye damage/irritation:</b>	
<b>Respiratory or skin sensitisation:</b>	
<b>Germ cell mutagenicity:</b>	
<b>Carcinogenicity:</b>	

<b>Reproductive toxicity:</b>	
<b>Summary of evaluation of the CMR properties:</b>	
<b>STOT- single exposure,</b>	
<b>STOT-repeated exposure:</b>	
<b>Aspiration hazard:</b>	

<b>12. Ecological information</b>	
<b>12.1 Toxicity</b>	
<b>12.2 Persistency degradability</b>	Data not available.
<b>12.3 Bio accumulative potential</b>	Prevent surface contamination of soil, ground, and surface water.
<b>12.4 Mobility in soil</b>	
<b>12.5 Results of PBT and vPvB Assessment</b>	
<b>12.6 Endocrine disrupting properties</b>	
<b>12.7 Other adverse effects</b>	

<b>13. Disposal considerations</b>	
13.1 Waste treatment methods	
13.1.1. Product /Packaging disposal:	Waste codes/ waste designations to List of Waste codes.
13.1.2 Waste treatment-relevant information:	In accordance with local, regional, national, international regulations.
13.1.3 Sewage disposal-relevant information:	Do not dispose into a drainage system and into the environment. Seek expert advice.
13.1.4 Other disposal-relevant recommendations:	

<b>14. Transport information</b>	
14.1 UN Number or ID number	
14.2 UN proper Shipping name	
14.3 Transport hazard class(es)	
14.4 Packing group	
14.5 Environmental hazards	Hazardous to the environment, toxic to aquatic life.
14.6 Special precautions for user	
14.7 Maritime transport in bulk according to IMO instruments	

<b>15 Regulatory information</b>	
<b>15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture</b>	

I.e., EU Directives	Directive 2012/18/EU
15.2 Chemical Safety Assessment	

### **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:**

**(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):**

<b>Classification according to Regulation (EC) 1272/2008(CLP)</b>	<b>Classification procedure</b>
<b>(v) Relevant H-statements (number and full text):</b>	
<b>(vi) Training advice:</b>	
<b>(vii) Further information:</b>	
<b>Shelf life</b>	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.