


<b>1. Identification of the substances / mixture and of the company/undertaking.</b>		
<b>1.1 Product identifier: Lime Oil Distilled Mexico</b>		
<b>Substance name: Citrus Aurantifolia Peel Oil Distilled</b>		
<b>Biological Definition</b>		
<b>INCI Name</b>		
<b>Synonyms &amp; Trade Names</b>		
<b>EC No: 290-010-3</b>	<b>CAS NO: 8008-26-2</b>	<b>EINECS CAS Number: 90063-52-8</b>
<b>Index No:</b>	<b>Reach Registration No:</b>	
<b>1.2 Relevant identified uses of the substance or mixture and uses advised against</b>		
<b>Identified uses:</b>		
<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	Flam. Liq. 3 – H226	
	Human Health	Asp. Hazard. 1 – H304	Skin Corr/ irrit. 2 – H315
		Skin Sens. 1 – H317	
	Environment	Aquatic Acute. 1 – H400	Aquatic Chronic. 1 -H411
<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.	H227	Combustible liquid.
H228	Flammable solid.	H302	Harmful if swallowed.
H303	May be harmful if swallowed.	H304	May be fatal if swallowed and enters airways.

H313	May be harmful in contact with skin.	H315	Causes skin irritation.
H316	Causes mild skin irritation.	H317	May cause an allergic skin reaction
H319	Causes serious eye irritation.	H400	Very toxic to aquatic life.
H401	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.**

P261	Avoid breathing fumes.
P262	Do not get in eyes, on skin, or on clothing.
P273	Avoid release to the environment.
P308+P313	If exposed or concerned: Get medical advice.
P333+P313	If skin irritation or rash occurs: Get medical advice.

**Supplementary Precautionary Statements:**

<b>2.3 Other hazards</b>	Contains Citral and Limonene which may produce an allergic reaction. No further information available at this time.
<b>Adverse Physio-chemical Properties</b>	
<b>Adverse Effects on Human Health</b>	

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

Chemical Characterisation	Substances	Description	Lime oil Distilled
		EINECS CAS Number	90063-52-8
		CAS Number	8008-26-2
		EC Number	290-010-3
Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
d-Limonene (p-Mentha-1,8-diene)	CAS: 5989-27-5 EC: 227-813-5	55.00%	Flam. Liq. 3 – H226 Skin Corr/ Irrit. 2 – H315 Skin Sens. 1B_ H317 Asp. Hazard. 1- H304 Aquatic Acute. 1 – H400 Aquatic Chronic. 1 – H410
Gamma-Terpinene (p-menth-1,4-diene)	CAS: 99-85-4 EC: 202-794-6	13.00%	Flam. Liq. 3 - H226 Acute Toxicity Oral -5(3850) - H303 Skin Corr/ Irrit. 3 - H316 Asp. Hazard. 1 - H304
Terpinolene	CAS: 586-62-9 EC: 209-578-0	9.00%	Flam. Liq. 3 – H226 Acute Toxicity Oral -5 (3850) - H303 Skin Corr/ Irrit. 3 - H316 Asp. Hazard. 1 - H304

			Aquatic Acute. 1 – H401 Aquatic Chronic. 2 – H411
alpha-Terpineol	CAS: 98-55-5 EC: 202-680-6	5.00%	Flam. Liq. 4 – H227 Acute Toxicity Oral -5 (4300) - H303 Skin Corr/ Irrit. 2 - H315 Eye Dam/ Irrit. 2A – H319 Aquatic Acute. 2 – H401
alpha-Pinene	CAS: 80-56-8 EC: 201-291-9	4.00%	Flam. Liq. 3 – H226 Acute Toxicity Oral -5 (3500) – H303 Asp. Hazard. 1- H304 Skin Corr/ Irrit. 2 – H315 Skin Sens. 1B – H317
Terpinenes (para-Mentha-1,4-diene)	CAS: 99-86-5 EC: 202-795-1	3.00%	Flam. Liq. 3 – H226 Acute Toxicity Oral. 4 (1680) – H303 Skin Corr / Irrit. 3 – H316 Asp. Hazard. 1 – H304 Aquatic Acute. 2 – H401 Aquatic Chronic. 2 – H411
Para-Cymene	CAS: 99-87-6 EC: 202-796-7	2.00%	Flam. Liq. 3 – H226 Acute Toxicity Oral. 5 (4750) – H303 Skin Corr /Irrit. 3 – H316 Asp. Hazard. 1- H304 Aquatic Acute. 2 – H401 Aquatic Chronic. 2 – H411
Beta-Bisabolene (Bisabolene)	CAS: 495-61-4 EC: 207-805-8	2.00%	Asp. Hazard. 1 – H304 Skin Corr / Irrit. 2 -H315 Skin Sens. 1B – H317
Myrcene	CAS: 123-35-3 EC: 204-622-5	1.30%	Flam. Liq. 3 – H227 Asp. Hazard. 1 - H304 Skin Corr / Irrit. 2 – H315 Eye Dam / Irrit. 2A – H319
Caryophyllene	CAS: 87-44-5 EC: 201-746-1	0.50%	Asp. Hazard. 1 – H304 Skin Corr / Irrit. 3 – H316
Camphene	CAS: 79-92-5 EC: 201-234-8	0.50%	Flam. Sol. 2 – H228 Skin Corr / Irrit. 3 – H316 Eye Dam / Irrit. 2A – H319 Aquatic Acute. 1 – H400 Aquatic Chronic. 1 – H410
Geranial	CAS: 141-27-5 EC: 205-476-5	0.10%	Flam. Liq. 4 – H227 Acute Toxicity Dermal – 5(2250) – H313 Acute Toxicity Oral – 5(4950) – H303 Skin Corr / Irrit. 2 – H315 Skin Sens. 1B – H317 Eye Dam / Irrit. 2A – H319 Aquatic Acute. 2 – H401
Neral	CAS: 106-26-3	0.10%	Flam. Liq. 4 – H227

	EC: 203-379-2	Acute Toxicity Dermal – 5(2250) – H313 Acute Toxicity Oral – 5(4950) – H303 Skin Corr / Irrit. 2 – H315 Skin Sens. 1B – H317 Eye Dam / Irrit. 2A – H319 Aquatic Acute. 2 – H401
Refer to Section 16 for the wording of listed classification and hazard statement codes.		

<b>4. First Aid Measures</b>	
<b>4.1 General</b>	Immediately remove any clothing soiled by the product. Take phrases in Section 2 into account.
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.
<b>4.2 Most important symptoms and effects, both acute and delayed:</b>	
	No further relevant information available.
<b>4.3 Indication of any immediate medical attention and special treatment need</b>	
	No further relevant information available.
<b>5. Firefighting Measures</b>	
<b>5.1 Extinguishing Media:</b>	
<b>Suitable extinguishing media:</b>	Carbon dioxide, foam, or dry powder.
<b>Unsuitable extinguishing media:</b>	DO NOT USE A DIRECT WATER JET.
<b>5.2 Special hazards arising from the substances or mixture:</b> May produce Carbon dioxide and unidentified organic compounds.	
<b>Hazardous combustion products:</b>	
<b>5.3 Advice for firefighters</b>	Wear protective clothing and avoid inhalation of vapours.
<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>	
<b>Emergency procedures:</b>	Remove all sources of ignition. Avoid inhalation, skin, and eye contact. Ensure proper ventilation.
<b>6.1.2 For Emergency responders</b>	

<b>6.2 Environmental precautions</b>	Do not discharge directly into drains or the soil. Keep away from surface and ground water.
<b>6.3 Methods for cleaning up – 6.3.1 For containment:</b>	Soak up spillage with sand or other inert absorbent material such as earth or vermiculite; transfer used material to a suitable waste container and dispose in accordance with regulations.
<b>6.3.2 For cleaning up:</b>	
<b>6.3.3. Other information:</b>	
<b>6.4 Reference to other sections</b>	See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

## **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.

Avoid inhalation and contact with skin and eyes.

<b>Measures to prevent fire:</b>	
<b>Measures to prevent aerosol and dust generation:</b>	
<b>Measures to protect the environment:</b>	
<b>Advice on general occupational hygiene:</b>	

### **7.2 Conditions for safe storage, including any incompatibilities**

<b>Technical measures and storage conditions:</b>	
<b>Packaging Materials:</b>	
<b>Requirements for storage and vessels:</b>	Store in tightly sealed original containers away from ignition sources and in a cool place.
<b>Storage Class: Further information on storage containers:</b>	

<b>7.3 Specific end use(s).</b>	No further relevant information available.
<b>Recommendations:</b>	
<b>Industrial sector specific solutions:</b>	

<b>8. Exposure controls/Personal protection:</b>	
<b>8.1 Control parameters</b>	No information available.
<b>8.2 Exposure controls</b>	
<b>Engineering Measures</b>	No information available.
<b>8.2.2 Personal Protection equipment:</b> Refer to Section 5 for specific fire/chemical personal protective equipment advice. Always wash routinely before breaks, meals and at the end of the work period.	
8.2.2.1 Eye / face protection	Wear safety goggles.
8.2.2.2 Skin Protection	
Hand protection	Wear chemically resistant disposal gloves.
Other skin protection	Wear overalls. Always wash routinely before breaks, meals and at the end of the work period.
8.2.2.3 Respiratory protection	Not generally required. Use inhalation protection in poorly ventilated areas.
Ventilation	
8.2.2.4 Thermal hazards	No information available.
<b>8.2.3 Environmental exposure controls</b>	No information available.

<b>9. Physical and chemical properties- C of A</b>	
<b>9.1 Information on basic physical and chemical properties</b>	
Colour	Colourless to greenish yellow
Appearance	Liquid.
Odour	Fresh odour reminiscent of time.
Melting Point / freezing point	
Boiling point /Initial boiling point & boiling range	
Flammability	
Lower and upper explosion limit	
Flash point °C	47.0°C
Auto- ignition temperature	No data available.
Odour Threshold	No data available.
Decomposition temperature	
pH	Not applicable for this product.
Evaporation Rate	No data available.
Kinematic Viscosity	No data available.
Solubility in Water	
Solubility in other Solvents	

Partition coefficient n-octanol/ water (log value)	
Vapour Pressure	No data available.
Density and /or relative density @ 20°C	0.857 to 0.865
Relative vapour density	
Particle characteristics	
Explosive Properties	Not determined (material not explosive).
Oxidising Properties	Not determined (not oxidising agent).
<b>9.2 Other information</b>	No further information available.
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>	Not determined.
<b>10.2 Chemical Stability</b>	Not determined.
<b>10.3 Possibility of hazardous reactions:</b>	Not determined.
<b>10.4 Conditions to avoid:</b>	Extreme temperatures.
<b>10.5 Incompatible Materials:</b>	Highly reactive chemicals which may produce unknown reaction products and so cause additional hazards.
<b>10.6 Hazardous Decomposition Products</b>	Not determined.

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

<b>STOT- single exposure,</b>	No data available.
<b>STOT-repeated exposure:</b>	No data available.
<b>Aspiration hazard:</b>	No data available.

<b>12. Ecological information</b>	
<b>12.1 Toxicity</b>	No data available; avoid soil, surface water and water bearing stratum contamination.
<b>12.2 Persistency &amp; degradability</b>	No data available.
<b>12.3 Bio accumulative potential</b>	No data available.
<b>12.4 Mobility in soil</b>	No data available.
<b>12.5 Results of PBT and vPvB Assessment</b>	No data available.
<b>12.6 Endocrine disrupting properties</b>	
<b>12.7 Other adverse effects</b>	No data available.

<b>13. Disposal considerations</b>	
Please refer to the information in Section 8 (Exposure Controls and Personal Protection).	
<b>13.1 Waste treatment methods</b>	Dispose in accordance with the law and local regulations. Treat as trade effluent.
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 / container in accordance with local / regional / national/ international guidelines.

<b>14. Transport information</b>	
14.1 UN Number or ID number	1169
14.2 UN proper Shipping name	EXTRACTS, AROMATIC, LIQUID
14.3 Transport hazard class(es)	3
14.4 Packing group	III
Tunnel Code	(D/E)
14.5 Environmental hazards	No relevant information available.
14.6 Special precautions for user	No relevant information available.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

<b>15 Regulatory information</b>	
<b>15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture</b>	
EU Directives	No relevant information available at this time.



15.2 Chemical Safety Assessment

A chemical safety assessment has not been carried out.

**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

**Flam. Sol:** Flammable Solid

**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):**

<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.
<b>QC requirements</b>	
In line with general product specification. Always satisfy suitability for specific application. Retest after 6 months.	
<b>Disclaimer:</b>	
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.	