



<b>1. Identification of the substances / mixture and of the company/undertaking.</b>			
<b>1.1 Product identifier:</b>			
<b>Substance name: Petitgrain Oil Paraguay</b>			
<b>Biological Definition</b>			
<b>INCI Name</b>		CITRUS AURANTIUM AMARA LEAF/TWIG OIL	
<b>Synonyms &amp; Trade Names</b>			
<b>EC NO:</b> 277-143-2		<b>CAS NO:</b> 8014-17-3	<b>EINECS CAS Number:</b> 72968-50-4
<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> This material is not for use in E-Cigarettes or similar devices.			
<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		
		Human Health	Skin corr/ irrit. 2 – H315	Skin Sens. 1 – H317
		Environment	Aquatic Chronic 2 – H411	
<b>2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:</b>				
 				
<b>Signal Word. WARNING</b>				
<b>Hazard statements. Linked with Section 2 and Section 3.</b>				
H226	Flammable liquid and vapour.	H227	Combustible liquid.	
H303	May be harmful if swallowed.	H304	May be fatal if swallowed and enters airways.	
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.	

H402	Harmful 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.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves / protective clothing / eye protection / face protection.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P321	Specific treatment (see % on this label).
P332+P313	If skin irritation occurs: Get medical advice.
P333+P313	If skin irritation or rash occurs: Get medical advice.
P362	Take off contaminated clothing and wash before reuse.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage. Hazardous to the aquatic environment.
P501	Dispose of contents / container in accordance with local/regional/ national/ international regulations.

**Supplementary Precautionary Statements:**

<b>2.3 Other hazards – Results of PBT and vPvB According to Annex XIII</b>	Contains Limonene and Linalool 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	PETITGRAIN OIL PARAGUAY
		EINECS CAS Number	72968-50-4
		CAS Number	8014-17-3
		EC Number	277-143-2

**Hazardous Components:**

Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE
Linalyl acetate	CAS: 115-95-7 EC: 204-116-4	50.0000%	Flam. Liq. 4 – H227 Skin Corr/ Irrit. – 2 - H315 Eye Dam/ Irrit. 2A – H319 Aquatic Acute. 2 – H401
Linalool	CAS: 78-70-6 EC: 201-134-4	25.0000%	Flam. Liq. 4 – H227 Acute Tox. Oral. 5 (3000) – H303 Skin Corr/ irrit. 2 – H315 Eye Dam / irrit. 2A – H319

			Aquatic Acute. 3 – H402
Alpha-Terpineo	CAS: 98-55-5 EC: 202-680-6	6.0000%	Flam. Liq. 4 – H227 Acute Tox. Oral. 5 (3000) – H303 Skin Corr/ irrit. 2 – H315 Eye Dam / irrit. 2A – H319 Aquatic Acute. 2 – H401
Geranyl acetate	CAS: 105-87-3 EC: 203-341-5	4.0000%	Skin Corr/irrit. 3 – H316 Aquatic Acute. 2 – H401 Aquatic Chronic. 2 – H411
Neryl acetate	CAS: 141-12-8 EC: 205-459-2	2.0000%	
Ocimene (3,7-Dimethyl-1,3,6-octatriene)	CAS: 13877-91-3 EC: 237-641-2	2.0000%	Flam. Liq. 3 – H226 Asp. Hazard. -1 – H304 Skin Corr/ Irrit. 3 – H316
Myrcene	CAS: 123-35-3 EC: 204-622-5	2.0000%	Flam. Liq. 3 – H227 Asp. Hazard. 1 – H304 Skin Corr / Irrit. 2 – H315 Eye Dam/ Irrit. 2A – H319
Alpha-Pinene	CAS: 80-56-8 EC: 201-291-9	2.0000%	Flam. Liq. 3 – H226 Acute Tox. Oral. 5 (3500); H303 Asp. Hazard. 1 – H304 Skin Corr / Irrit. H315 Skin Sens. 1B – H317
d-Limonene (p-Mentha-1,8-diene)	CAS: 5989-27-5 EC: 227-813-5	2.0000%	Flam. Liq. 3 – H226 Skin Corr/ Irrit. 2- H315 Skin Sens. 2 – H317 Asp. Hazard. 1 – H304 Aquatic Acute. 1 – H400 Aquatic Chronic. 1 – H410
Terpinolene	CAS: 586-62-9 EC: 209-578-0	0.5000%	Flam. Liq. 3 – H226 Acute Tox. Oral. 5 (385 0) – H303 Skin Corr/ Irrit. 3 – H316 Asp. Hazard. 1 – H304 Aquatic Acute. 2 0 H401 Aquatic Chronic. 2 – H411

<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> None	
<b>Hazardous combustion products:</b>	May produce Carbon dioxide and unidentified organic compounds.
<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.
<b>7. Handling and storage</b>	
<b>7.1 Precautions for safe handling</b>	
<b>Protective measures:</b> 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.	
<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>	Maintain good occupational and personal hygiene. Avoid inhalation and contact with skin and eyes.
<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>	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 disposable gloves.
Other skin protection	Wear overalls. Always wash routinely before breaks, meals and at the end of the day.
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	Yellow to brown
Appearance	Liquid
Odour	Sweet, floral, citrus odour.
Melting Point / freezing point	
Boiling point /Initial boiling point & boiling range	
Flammability	
Lower and upper explosion limit	
Flash point	67.0°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.
Vapour Density	No data available.
Viscosity	No data available.
Solubility in Water	
Solubility in other Solvents	
Partition coefficient	No data available
Vapour Pressure	No data available.
Density and /or relative density	
Relative density @ 20°C	0.881 to 0.911
Particle characteristics	
Explosive Properties	Not determined (material not explosive).
Oxidising Properties	Not determined (not an oxidising agent).
<b>9.2 Other information</b>	No further information available.
Specific gravity $d_{20}^{20}$	
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>Information on Likely Routes of Exposure</b>	No data available.
<b>Symptoms Related to the Physical, Chemical and Toxicological Characteristics</b>	No data available.
<b>Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure</b>	No data available.
<b>Interactive Effects</b>	No data available.
<b>Other Information</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.
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**13. Disposal considerations**

13.1 Waste treatment methods	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/ regulations.

**14. Transport information**

14.1 UN Number or ID number	3082
14.2 UN proper Shipping name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (PETITGRAIN OIL)
14.3 Transport hazard class(es)	9
14.4 Packing group	III
Tunnel Code	(E)
14.5 Environmental hazards	No relevant information available.
14.6 Special precautions for user	No relevant information available.
14.7 Maritime transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.

**15 Regulatory information**

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

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) <b>Indication of Changes: Revised Safety Data Sheet Format:</b> 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) <b>Abbreviations and acronyms:</b> <b>DNEL:</b> Derived No-Effect Level. <b>PNEC:</b> Predicted No- Effect Concentration. <b>ADR:</b> European agreement concerning the international carriage of dangerous goods by road. <b>RID:</b> Regulations concerning the International carriage of Dangerous goods by rail. <b>IATA-DGR:</b> Dangerous Goods Regulations by the "International Air Transport Association" (IATA) <b>ICAO:</b> International Civil Aviation Organisation <b>ICAO-TI:</b> Technical Instructions by the 'International Civil Aviation Organisation" (ICAO) <b>IMDG:</b> International Maritime Code for Dangerous Goods <b>IATA:</b> International Air Transport Association <b>ICAO:</b> 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 Regulation (EC) 1272/2008(CLP)	Classification procedure
<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.