


1. Identification of the substances / mixture and of the company/undertaking.		
1.1 Product identifier: Citronella Oil Sri Lanka		
Substance name:		
Biological Definition		
INCI Name	CYMBOPOGON NARDUS OIL	
Synonyms & Trade Names		
EC NO: 290-753-6	CAS NO: 8000-29-1	EINECS CAS Number: 89998-15-2
Index No:	Reach Registration No:	
1.2 Relevant identified uses of the substance or mixture and uses advised against		
Identified uses: Multiple uses in the Flavour and Fragrance industries.		
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			
Classified according to Regulation (EC) 1272/2008 (CLP) as amended	Physical and Chemical Hazards		
	Human Health		
	Environment		
2.2 Label Element Labelling according to Regulation (EC) No.1272/2008:			
			
Signal Word. Danger			
Hazard statements.			
H227	Combustible liquid	H304	May be fatal if swallowed and enters airways
H313	May be harmful in contact with skin.	H315	Causes skin irritation.
H317	May cause an allergic skin reaction.	H318	Causes serious eye damage
H411	Toxic to aquatic life with long lasting effects.		

Precautionary statements.	
P262	Do not get in eyes, on skin or on clothing.
P273	Avoid release to the environment.
P280	Wear protective gloves / protective clothing/eye protection/ face protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTRE or doctor.
P305+P351+P338	IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P331	Do NOT induce vomiting.
P391	Collect spillage.
Supplementary Precautionary Statements:	
2.3 Other hazards – Results of PBT and vPvB According to Annex XIII	
Adverse Physio-chemical Properties	
Adverse Effects on Human Health	

3. 1 Composition / information on ingredients:			
Substances		Citronella Oil Sri Lanka 100%	
Substance name	Index number under CLP Annex VI	Weight % content (or range)	CL, M-Factor, ATE

4. First Aid Measures	
4.1 General	Immediately remove any clothing soiled by the product.
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	
	Symptomatic treatment as required.
5. Firefighting Measures	
5.1 Extinguishing Media:	
Suitable extinguishing media:	Foam, CO ₂ , Dry Powder
Unsuitable extinguishing media:	
5.2 Special hazards arising from the substances or mixture:	
Hazardous combustion products:	Combustion Products: Carbon monoxide, Carbon dioxide, Smoke.
5.3 Advice for firefighters	Do not use water as extinguishing media. No special firefighting equipment needed.

6 Accidental release measures	
6.1 Personal precautions, protective equipment, and emergency procedures	
6.1.1 For non-emergency personnel	
Protective equipment:	Wear clothing suitable for an emergency.
Emergency procedures:	
6.1.2 For Emergency responders	
6.2 Environmental precautions	
	Contain the leak with earth or sand. Prevent from entering drains, sewers and water courses. If this cannot be done, advise the local authority.
6.3 Methods for cleaning up – 6.3.1 For containment:	Absorb spillage onto sand or earth. Transfer to a suitable container for disposal.
6.3.2 For cleaning up:	
6.3.3. Other information:	
6.4 Reference to other sections	

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:	

Measures to prevent aerosol and dust generation:	
Measures to protect the environment:	
Advice on general occupational hygiene:	
7.2 Conditions for safe storage, including any incompatibilities	
Technical measures and storage conditions:	Store in well-fitted, tightly closed original containers away from heat, light and sources of ignition.
Packaging Materials:	
Requirements for storage and vessels:	
Storage Class: Further information on storage containers:	
7.3 Specific end use(s).	Used in Flavours and Fragrances.
Recommendations:	
Industrial sector specific solutions:	

8. Exposure controls/Personal protection:	
8.1 Control parameters	No information available.
8.2 Exposure controls	
Engineering Measures	Use suitable handling equipment.
8.2.2 Personal Protection equipment	
8.2.2.1 Eye / face protection	Wear safety goggles.
8.2.2.2 Skin Protection	Wear suitable protective clothing.
Hand protection	Wear gloves.

Other skin protection	
8.2.2.3 Respiratory protection	Use only in well ventilated areas. Use protection in poor ventilation.
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	Clear
Appearance	Mobile liquid
Odour	Characterstic of Citronella
Odour Threshold	No data available.
Melting Point / freezing point	Not applicable
Boiling point /Initial boiling point & boiling range	Not applicable
Flammability	Combustible
Lower and upper explosion limit	No data available
Flash point	62°C
Evaporation Rate	No data available
Auto- ignition temperature	
Decomposition temperature	No data available
pH	Not applicable
Viscosity	No data available
Solubility in Water	Insoluble
Solubility in other Solvents	Soluble
Partition coefficient (log Kow)	No data available
Vapour Pressure	No data available
Vapour Denistiy	No data available
Density and /or relative density	
Relative vapour density	
Particle Size	Not applicable
Explosive Properties	No data available
Oxidising Properties	None
9.2 Other information	
Specific gravity @20°C	0.891-0.910
Optical rotation @ 20°C	
Refractive index @ 20°C	
Typical analysis of major components	
10. Stability and reactivity	
10.1 Reactivity	Will react with oxidising agents.
10.2 Chemical Stability	Stable under proper storage conditions.
10.3 Possibility of hazardous reactions:	Not if stored correctly.

10.4 Conditions to avoid:	Do not leave containers open to the air. Avoid storage at elevated temperatures and sources of ignition.
10.5 Incompatible Materials:	Oxidising agents.
10.6 Hazardous Decomposition Products	On combustion may produce smoke, Carbon monoxide and Carbon dioxide.

11. Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272 /2008

Information on Toxicological Effects	This product has not been tested. Judgements on the expected toxicity of this product have been made based upon consideration of its major components.
Acute toxicity:	LD ₅₀ - >5000 mg/kg (rat). Dermal 4700mg/kg (Rabbit).
Skin corrosion /irritation:	Causes skin irritation.
Seriously eye damage/irritation:	May cause eye damage.
Respiratory or skin sensitisation:	May cause an allergic skin reaction
Germ cell mutagenicity:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
Summary of evaluation of the CMR properties:	
STOT- single exposure,	No data available.
STOT-repeated exposure:	No data available.
Aspiration hazard:	No data available.

12. Ecological information

12.1 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	No data available.

13. Disposal considerations

13.1 Waste treatment methods	Do not dispose into drainage systems. Ensure disposal is within local and national guidelines. Consult a specialist waste disposal company for correct disposal procedure and/or seek other expert advice.
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	ADR	IMDG	ICAO
14.1 UN Number or ID number	3082		
14.2 UN proper Shipping name	CITRONELLA OIL		
14.3 Transport hazard class(es)	9	9	9
14.4 Packing group	III		
14.5 Environmental hazards			
14.6 Special precautions for user			
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code			

15 Regulatory information	
15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture	The substance is listed as existing in Europe
15.2 Chemical Safety Assessment	A chemical safety assessment has not been carried out for this product.

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)	<p>Abbreviations and acronyms:</p> <p>DNEL: Derived No-Effect Level.</p> <p>PNEC: Predicted No- Effect Concentration.</p> <p>ADR: European agreement concerning the international carriage of dangerous goods by road.</p> <p>RID: Regulations concerning the International carriage of Dangerous goods by rail.</p> <p>IATA-DGR: Dangerous Goods Regulations by the “International Air Transport Association” (IATA)</p> <p>ICAO: International Civil Aviation Organisation</p> <p>ICAO-TI: Technical Instructions by the ‘International Civil Aviation Organisation” (ICAO)</p> <p>IMDG: International Maritime Code for Dangerous Goods</p> <p>IATA: International Air Transport Association</p> <p>ICAO: International Maritime Dangerous Goods.</p> <p>GHS: Globally Harmonised System of Classification and Labelling of Chemicals</p> <p>EINECS: European Inventory of Existing Commercial Chemical Substances</p> <p>ELINCS: European List of Notified Chemical Substances</p>

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.

Food Cosmetics Toxicology 11 1067-8 (1973).

(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,



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

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.