



The Soap Kitchen (2011) Ltd
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MATERIAL SAFETY DATA SHEET

01. IDENTIFICATION OF THE SUBSTANCE/PREPARATION & THE COMPANY/UNDERTAKING

1.1 Product Identifier					
Product Name		Citronella Oil			
Biological Definition		Cymbopogon Winterianus Herb Oil is an essential oil obtained from the herbs of the plant, Cymbopogon winterianus, Gramineae			
INCI Name		Cymbopogon Winterianus Herb Oil			
Synonyms & Trade Names		-			
CAS-No	91771-61-8	EC No.	294-954-7	EINECS No.	294-954-7
1.2 Relative identified uses of the substance or mixture and uses advised against					
No additional data					
1.3 Details of the supplier of the safety data sheet					
The Soap Kitchen Unit 8 Caddsdwn Industrial Park Clovelly Road Bideford Devon EX39 1JA					
1.4 Emergency Tel. No.		+ 44 (0) 1260 222 943			

02. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture	
No additional data	
Classification (EC 1272/2008)	
Physical and Chemical Hazards: <ul style="list-style-type: none">- Not classified Human Health Asp.: <ul style="list-style-type: none">- Skin Irrit 2 – H315- Eye Damage 1 – H318	

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- Skin Sens. 1 – H317
- Environment:
- Aquatic Acute 2 – H401
 - Aquatic Chronic 2 – H411

2.2 Label Elements

Label in accordance with (EC) No 1272/2008



Signal Word

Danger

Contains

- Citronellol
- Citronellal
- Eugenol
- Geraniol
- Geranial
- Limonene

Hazard Statements

- H315 – Causes skin irritation
H317 – May cause an allergic skin reaction
H318 – Causes serious eye damage
H401 – Toxic to aquatic life
H411 – Toxic to aquatic life with long last effects

Precautionary Statements

- P273 – Avoid release into the environment
P280 – Wear protective gloves/protective clothing/eye protection/face protection
P262 – Do not get into eyes, on skin, or on clothing
P305/P351/P338 – IF IN EYES – Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Supplementary Statements

- P261 – Avoid breathing dust/fumes/gas/mist/vapours/spray.
P264 – Wash thoroughly after handling
P272 – Contaminated clothing should not be allowed out of the workplace
P302/P352 – IF ON SKIN – Wash with plenty of soap and water
P310 – Immediately call a poison centre or doctor/physician
P321 – Specific treatment (see on this label)
P332/P313 – If skin irritation occurs – Get medical advice/attention
P333/P313 – If skin irritation or rash occurs – Get medical attention

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P362 – Take of contaminated clothing and wash before reuse
P363 - Wash contaminated clothing before reuse
P391 – Collect spillage
P501 – Dispose of contents/container to

2.3 Other Hazards

PBT or vPvB according to Annex XIII	No additional data
Adverse physio-chemical properties	No additional data
Adverse effects on human health	No additional data

03. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

30.0 – 60.0% Citronellal

CAS: 106-23-0

Classification:

- Skin Irrit. 2 – H315
- Skin Sens. 1 – H317
- Aquatic Chronic 2 – H411

≤35.0% Citronellol

CAS: 106-22-9

Classification:

- Skin Irrit. 2 – H315
- Eye Irrit. 2 – H319
- Skin Sens. 1 – H317

10.0 – 30.0% Geraniol

CAS: 106-24-1

Classification:

- Skin Irrit. 2 – H315
- Eye Damage 1 – H318
- Skin Sens. 1 – H317

1.0 – 5.0% Citronellyl Acetate

CAS: 150-84-5

Classification:

- Skin Irrit. 2 – H315
- Aquatic Chronic 2 – H411

1.0 – 5.0% Eugenol

CAS: 97-53

Classification:

- Skin Irrit. 2 – H315
- Eye Irrit. 2 – H319
- Skin Sens. 1 – H317

≤1.0% Farnesol

CAS: 225-004-1

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Classification: <ul style="list-style-type: none"> - Skin Irrit. – H315 - Eye Irrit. 2 – H319 - Skin Sens. 1 – H317
<u>≤0.7% Geranial</u> CAS: 141-27-5 Classification: <ul style="list-style-type: none"> - Skin Irrit. 2 – H315 - Skin Sens. 1 – H317
<u>1.0 – 5.0% Geranyl Acetate</u> CAS: 105-87-3 Classification: <ul style="list-style-type: none"> - Aquatic Chronic 2 – H411
<u>1.0 – 10.0% Limonene</u> CAS: 5989-27-5 Classification: <ul style="list-style-type: none"> - Flam. Liq. 3 – H226 - Skin Irrit. – H315 - Skin Sens. – H317 - Asp. Tox. 1 – H304 - Aquatic Acute 1 – H400 - Aquatic Chronic 1 – H410

04. FIRST AID MEASURES

4.1 Description of first aid measures	
Inhalation	Remove to fresh air immediately. Rinse nose and mouth with water. If discomfort occurs/continues, seek medical attention.
Ingestion	Ingestion may cause nausea and vomiting. Seek medical attention if discomfort occurs/continues. Do NOT induce vomiting.
Skin Contact	Remove away from the source of contamination. Remove contaminated clothing and wash before reuse. Wash skin thoroughly with soap and water. If discomfort occurs/continues, seek medical attention.
Eye Contact	Remove from the area of contamination. Remove contact lenses. Rinse eyes for a minimum of fifteen minutes with clean water. Seek medical attention.
4.2 Most important symptoms and effects, both acute and delayed	
No additional data	
4.3 Indication of any immediate medical attention and special treatment needed	
Treat symptomatically	

05. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

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Carbon Dioxide, Foam, Dry Powder

5.2 Special hazards arising from the product

In the event of fire or excessive heat the product may produce irritating gasses and vapours.

5.3 Advice for firefighters

Wear self-contained respiratory equipment and appropriate protective equipment. Remove containers in close proximity to the fire to a safe distance. Then slowly cool the exterior of the container with water.

06. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Handle the product using protective gloves resistant to the chemicals exposed. Avoid contact with skin and inhalation of its vapours or smoke. Maintain adequate ventilation in the working area after spilling.

6.2 Environmental Precautions

Do NOT discharge into drains, sewers, watercourses of any description or onto the ground.

6.3 Methods and material for containment and cleaning up.

Absorb with inert, non-combustible, inorganic absorbent material, sweep up and remove to an approved disposal container. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking.

6.4 Reference to other sections

Section 13

07. HANDLING AND STORAGE

7.1 Precautions for safe handling

Do not eat, drink or smoke whilst handling this product. If handling large/heavy packages or drums, ensure the use of appropriate equipment.

7.2 Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container. Protect from light, including direct sunrays. Keep away from heat, sparks and open flame.

7.3 Specific end use(s)

No additional data

08. EXPOSURE CONTROLS/PERSONAL PROTECTION


8.1 Control parameters

No additional data

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8.2 Exposure controls

Protective Equipment

	
Process Conditions	No additional data
Engineering Measures	Ensure adequate ventilation in all areas. Install eyewash station in appropriate areas.
Respiratory Equipment	Not usually required for this product if sufficient ventilation has been provided in all areas however respiratory equipment may be required if airborne contamination occurs.
Hand Protection	Wear appropriate protective gloves for handling this product.
Eye Protection	Wear safety goggles/face shield.
Other Protection	No additional data
Hygiene Measures	Good hygiene practices are always advised especially when handling chemicals, oils or any other similar substances.
Personal Protection	No additional data
Skin Protection	Wear appropriate protective clothing to protect from contact with skin.
Environmental Exposure Controls	Cover drains. Do not discharge into the environment or sewer systems.

09. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Clear Liquid
Colour	Pale Yellow – Brownish Yellow
Odour	Characteristic; Reminiscent of Citronellol
Relative Density	Approximately 0.900 @ 20°C
Flash Point (°C)	75.0
Refractive Index	Approximately 1.470 @ 20°C

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Melting Point (°C)	No additional data
Boiling Point (°C)	220.0 – 225.0
Vapour Pressure	0.8mm Hg 25c
Solubility in Water @20°C	1:2 on Ethanol 80c
Auto-ignition temperature (°C)	No additional data
9.2 Other information	
No additional data	

10. STABILITY AND REACTIVITY

10.1 Reactivity	
Expected to be stable under recommended handling and storage conditions.	
10.2 Chemical stability	
No additional data	
10.3 Possible hazardous reactions	
No additional data	
10.4 Conditions to Avoid	
Avoid heat, flames and all potential sources of ignition	
10.5 Incompatible materials	
Strong Acids, Alkalis and Oxidising agents.	
10.6 Hazardous Decomposition Products	
In the event of fire, dangerous decomposition products may be generated; Oxides of Carbon, Oxides of Nitrogen, Fumes	

11. TOXOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Acute Toxicity	Toxic to aquatic organisms with long lasting effects.
Skin corrosion / irritation	May cause discomfort if swallowed. May cause sensitisation by contact with skin.
Serious eye damage / irritation	Spray and Vapour in the eyes may cause irritation and stinging.

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Respiratory or skin sensitisation	In high concentrations, vapour may irritate throat and respiratory system and cause coughing.
Germ Cell Mutagenicity	No additional data
Carcinogenicity	No additional data
Reproductive toxicity	No additional data
STOT-single exposure	No additional data
STOT-repeated exposure	No additional data
Aspiration hazard	No additional data
Photo-toxicity	No additional data
Other Information	No additional data

12. ECOLOGICAL INFORMATION



12.1 Toxicity
Toxic to aquatic organisms with long lasting effects.
12.2 Persistence & degradability
No additional data
12.3 Bioaccumulation Potential
No additional data
12.4 Mobility in soil
No additional data
12.5 Results of PBT and vPvB Assessment
No additional data
12.6 Other adverse effects
No additional data

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
Always dispose of this product in accordance with local and national regulations.

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14. TRANSPORT INFORMATION

14.1 UN number	
UN No. Road	3082
UN No. SEA	3082
UN No. AIR	3082
14.2 UN proper shipping name	
Environmentally hazardous substance liquid n.o.s	
14.3 Transport hazard class(es)	
	
14.4 Packing group	
IMDG Pack Group - III	
14.5 Environmental hazards	
	
14.6 Special precautions for user	
No additional data	
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC code	
No additional data	

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European

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Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2 Chemical safety assessment

No additional data

16. OTHER INFORMATION

Hazard Statements in Full	H318 Causes serious eye damage. H319 Causes serious eye irritation. H315 Causes skin irritation. H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H317 May cause an allergic skin reaction. H411 Toxic to aquatic life with long lasting effects. H401 Toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H400 Very toxic to aquatic life.
Revision Date	12/12/2019
Rev No	5

DISCLAIMER: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.