

SAFETY DATA SHEET

EC Regulation No.1907/2006 (REACH) & 1272/2008 (CLP)

THIS PRODUCT IS FOR EXTERNAL USE ONLY- DO NOT INGEST

1. IDENTIFICATION OF SUBSTANCE/MIXTURE AND OF THE COMPANY

Product identifier

Commercial Name: LEMONGRASS OIL ORGANIC
INCI Name: CYMBOPOGON FLEXUOSUS LEAF OIL
CAS No: 91844-92-7
EINECS No: 295-161-9
TSCA CAS No: 8007-02-1
FEMA: 2624
Chemical Name:
Botanical Name: *Cymbopogon flexuosus*
Origin: South East India



Relevant identified uses of the substance or mixture and uses advised against

Identified use (s): Essential Oil. Perfume/fragrance material for manufacturing purposes only.

Details of the supplier of the safety data sheet

Company Name: SOAPMAKERS STORE
Contact: JOHN BLACK
Address: Unit 3 Quatro Park, Tanners Drive, Milton Keynes MK14 5FJ ENGLAND
Telephone : ☎ + 44 (0) 1908 334108
Fax: ☎ + 44 (0) 1908 211376
Email : ✉ sales@soapmakers-store.com
Emergency Tel. No.: ☎ + 44 (0) 1908 334108

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

According to the current IFRA/ IOFI 2019 Labelling Manual and Regulation (EC) No. 1272/2008 (CLP)

Symbols:



Signal word: DANGER

Hazard Class	Abbreviation	Hazard Category	Hazard Code	Hazard Statement
Skin Corrosion/Irritation	SCI	2	H315	Causes skin irritation
Eye Damage/Irritation	EDI	1	H318	Causes serious eye damage
Skin Sensitization	SS	1	H317	May cause an allergic skin reaction
Environmental Acute	EHA	2	H401	Toxic to aquatic life
Environmental Chronic	EHC	2	H411	Toxic to aquatic life with long lasting effects

UN Global Harmonised System Precautionary Statements (CLP)

Prevention Statements	
P261	Avoid breathing vapour or dust.
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/clothing, eye/face protection



Response Statements	
P302/352	IF ON SKIN: Wash with plenty of soap and water.
P305/351/338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337/313	If eye irritation persists: Get medical advice/attention.
P332/313	If skin irritation occurs: Get medical advice/attention
P362	Take off contaminated clothing and wash before reuse.

Storage and Disposal Statements	
P403	Store in a well ventilated place.
P235	Keep cool
P405	Store locked up.
P501	Dispose of contents and container in accordance with international regulation

3. COMPOSITION/INFORMATION ON CONSTITUENTS

Nature Of Product: LEMONGRASS OIL ORGANIC (100% Pure & Natural)

"Lemon Grass Oil; Indian Verbena Oil; Indian Melissa Oil". Cymbopogon Flexuosus Herb Oil is an essential oil obtained from the herbs of the Lemon Grass, Cymbopogon flexuosus, Gramineae

EINECS No: 295-161-9
FEMA: 2624

CAS No: 91844-92-7
FDA:

TSCA CAS No: 8007-02-1
HC (%): <10

Constituents:

These indicative levels should be taken into account when determining the compliance of the essential oil under its condition of use. (IFRA/IOFI Labelling Manual 2019 - Classified constituents $\geq 0.1\%$, no Aspiration hazard & Flammability)

CONSTITUENT	CAS NUMBER	%	RELEVANT GHS
4-Carvomenthenol	562-74-3	0.3	Acute Tox. 4 (Oral);H302 Acute Tox. 5 (Dermal);H313 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Acute 3;H402
4-Nonanone	4485-09-0	0.9	Skin Irrit. 3;H316 Eye Irrit. 2A;H319
6-Methyl-5-hepten-2-one	110-93-0	3.0	Acute Tox. 5 (Oral);H303 Aquatic Acute 3;H402
alpha-Pinene	80-56-8	1.0	Acute Tox. 4 (Oral);H302 Skin Irrit. 2;H315 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410
beta-Caryophyllene	87-44-5	2.5	Skin Sens. 1B;H317 Aquatic Chronic 4;H413
beta-Pinene	127-91-3	0.5	Skin Irrit. 2;H315 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410
Borneol	507-70-0	0.4	Skin Irrit. 2;H315 Aquatic Chronic 2;H411 Aquatic Acute 2;H401 Acute Tox. 5 (Oral);H303
Camphene	79-92-5	2.0	Eye Irrit. 2B;H320 Aquatic Acute 1;H400 Aquatic Chronic 1;H410
Caryophyllene oxide	1139-30-6	0.4	Skin Irrit. 3;H316 Aquatic Acute 2;H401 Aquatic Chronic 2;H411
cis-beta-Ocimene	3338-55-4	0.4	Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Aquatic Acute 1;H400 Aquatic Chronic 2;H411
Citronellal	106-23-0	0.7	Acute Tox. 5 (Oral);H303 Acute Tox. 5 (Dermal);H313 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401
Decanal	112-31-2	0.25	Skin Irrit. 3;H316 Eye Irrit. 2A;H319 Aquatic Chronic 3;H412 Aquatic Acute 2;H401
dl-Citronellol	106-22-9	2.0	Acute Tox. 5 (Oral);H303 Acute Tox. 5 (Dermal);H313 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401
Eugenol	97-53-0	0.3	Acute Tox. 5 (Oral);H303 Skin Irrit. 3;H316 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401
Geranjal	141-27-5	50.0	Acute Tox. 5 (Dermal);H313 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401
Geraniol	106-24-1	5.0	Skin Sens. 1B;H317 Skin Irrit. 2;H315 Eye Dam. 1;H318 Aquatic Acute 3;H402 Acute Tox. 5 (Oral);H303
Geranyl acetate	105-87-3	4.5	Skin Sens. 1B;H317 Skin Irrit. 2;H315 Aquatic Chronic 3;H412 Aquatic Acute 2;H401

3. COMPOSITION/INFORMATION ON CONSTITUENTS

CONSTITUENT	CAS NUMBER	%	RELEVANT GHS
Isocitral #1	72203-97-5	0.8	Skin Sens. 1B;H317 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Chronic 3;H412 Aquatic Acute 2;H401 Acute Tox. 5 (Oral);H303
Isocitral #2	72203-98-6	2.5	Skin Sens. 1B;H317 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Chronic 3;H412 Aquatic Acute 2;H401 Acute Tox. 5 (Oral);H303
Isocitral #3	n.a.	3.0	Skin Sens. 1B;H317 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Chronic 3;H412 Aquatic Acute 2;H401 Acute Tox. 5 (Oral);H303
Isoeugenol	97-54-1	1.0	Acute Tox. 4 (Oral);H302 Acute Tox. 4 (Dermal);H312 Acute Tox. 4 (Inhalation:dust,mist);H332 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1A;H317 STOT SE 3;H335 Aquatic Acute 2;H401
Linalool	78-70-6	2.0	Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 3;H402
l-Limonene	5989-54-8	5.0	Skin Irrit. 2;H315 Skin Sens. 1B;H317 Aquatic Acute 1;H400 Aquatic Chronic 1;H410
Myrcene	123-35-3	0.5	Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Acute 1;H400 Aquatic Chronic 2;H411
Neral	106-26-3	38.0	Acute Tox. 5 (Dermal);H313 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401
Nerol	106-25-2	1.0	Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Skin Sens. 1B;H317 Aquatic Acute 2;H401
Neryl acetate	141-12-8	0.15	Skin Sens. 1B;H317 Aquatic Acute 2;H401
Octanal	124-13-0	0.1	Skin Irrit. 2;H315 Eye Irrit. 2A;H319 Aquatic Acute 2;H401 Aquatic Chronic 2;H411
p-Cymene	99-87-6	0.1	Skin Irrit. 3;H316 Repr. 2;H361 Aquatic Chronic 2;H411 Aquatic Acute 2;H401 Acute Tox. 5 (Oral);H303
p-Mentha-1,3-diene	99-86-5	0.4	Acute Tox. 4 (Oral);H302 Skin Irrit. 3;H316 Aquatic Acute 2;H401 Aquatic Chronic 2;H411
Terpinolene	586-62-9	0.5	Skin Sens. 1B;H317 Skin Irrit. 3;H316 Aquatic Chronic 1;H410 Aquatic Acute 1;H400 Acute Tox. 5 (Oral);H303
trans beta-Ocimene	3779-61-1	0.25	Acute Tox. 5 (Oral);H303 Skin Irrit. 2;H315 Aquatic Acute 1;H400 Aquatic Chronic 2;H411

Allergen Constituents Information (7th Amendment Cosmetic Directive 76/768/EEC): see Fragrance Allergen Certificate. Batch analysis may show levels different to those indicated above, where this is available, batch specific analyzed levels can then be used instead of the indicative levels.

4. FIRST AID MEASURES

- Ingestion:** Do not induce vomiting, give a glass of water. Seek urgent medical attention and show this information.
- Inhalation:** Remove casualty to fresh air, keep respiratory passages clear and seek urgent medical attention.
- Eye contact:** Irrigate with sterile water or saline for at least 15 minutes. Seek urgent medical attention if irritation persists or tissue damage is apparent.
- Skin contact:** Remove contaminated clothing wash thoroughly with soap and water and rinse. If causes irritation after prolonged contact, if so seek medical advice.



5. FIRE-FIGHTING MEASURES

- Extinguisher:** Use CO₂, Foam or Powder extinguishers only.
DO NOT USE WATER JETS.
- Smoke/Fumes:** Avoid inhalation of smoke or fumes, may produce CO (carbon monoxide) and CO₂ (carbon dioxide).

6. ACCIDENTAL RELEASE MEASURES

- Personal Safety Precautions:** Avoid contact with skin and eyes. Wear safety gloves, clothing and glasses.
(Consult sections 7 & 8 for additional information)
- Environmental Safety Precautions:** Eliminate all sources of ignition.
Prevent any material entering drains or waterways
Absorb spills into an inert absorbent material
(e.g. proprietary oil drying granules or sand NOT sawdust or other flammable materials.)
Wash area clean with water and detergent.
Transfer all waste to an approved waste disposal container, observing national legislation.

7. HANDLING AND STORAGE

- Handling Precautions:** Only use in a well ventilated area. Observe good housekeeping procedures when handling the product. Do not eat, drink or smoke.
- Storage Precautions:** Product is stable at room temperature.
Keep away from sources of ignition.
Store in tightly sealed containers, in a cool dry place away from direct sunlight.
Prevent access by unauthorised personnel.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory Protection:** Ensure adequate ventilation.
If ventilation is insufficient use approved respirators.
- Skin/Hand Protection:** Wear personal protective equipment. Use chemical resistant safety gloves.
Polyvinyl alcohol or nitrile rubber gloves are recommended.
- Eye/Face Protection:** Wear safety glasses/visors. Ensure eye washes are available.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark yellow to brown liquid
Odour:	Citral like odour
Flash Point:	86°C
Refractive Index @ 20°C:	1.479-1489
Relative Density @ 20°C:	0.894-0.904
Solubility in water:	Insoluble

10. STABILITY AND REACTIVITY

<u>Thermal stability:</u>	Product is stable at room temperature. Keep away from any source of ignition. Decomposition may release carbon dioxide, carbon monoxide and other organic compound fumes.
<u>Hazardous reactions:</u>	Avoid strong oxidisers, acids and alkalis.

11. TOXICOLOGICAL INFORMATION

<u>Oral LD50:</u>	5.0g/Kg	This product is NOT intended for oral use.
<u>Dermal LD50:</u>	2.0g/Kg	

LD50 dosage levels are only a guideline obtained from historical data, Soapmakers Store does not test its products on animals.

12. ECOLOGICAL INFORMATION

<u>Ecological effects:</u>	No data available Care must be used to prevent the product contaminating rivers, waterways or drains. Should this happen alert the relevant authorities in accordance with statutory procedures
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13. DISPOSAL CONSIDERATIONS

<u>Waste disposal:</u>	Do not pour into drains or waterways. Comply with local and national regulations for waste disposal. Empty containers should be washed thoroughly with detergent before being sent for disposal. Washings should be disposed of as waste.
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14. TRANSPORT INFORMATION

Transport this product in compliance with and provision of, the ADR/RID for Road and Rail, IMDG for Sea and ICAO/IATA for Air transportation.

UN Shipping Name (N.O.S.): ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S
ADR/RID (Road/Rail): Class 9
IMDG-CODE (Sea): Class 9
ICAO/IATA (Air): Class 9
UN Number: UN 3082
Packing Group: III
Subsidiary Risk:
Packing Instructions: This is an environmentally hazardous substance

Labelling according to ADR/RID, IMDG/IMO and ICAO/IATA:

UN Shipping Name: UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID

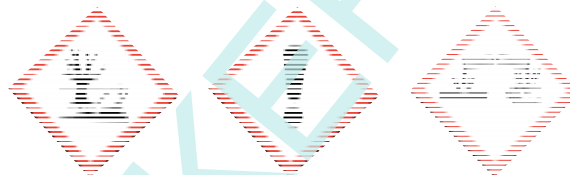


15. REGULATORY INFORMATION

Product Classification: LEMONGRASS OIL ORGANIC

This product is labelled according to the criteria of Directive CLP 1272/2008/EC.

Classification:



DANGER



Hazard Categories:

SC1 2 Causes skin irritation
ED1 1 Causes serious eye damage
SS 1 May cause an allergic skin reaction
EH A2, C2 Toxic to aquatic life
Toxic to aquatic life with long lasting effects

16. ADDITIONAL INFORMATION

Legal disclaimer:

The information given on this material health and safety sheet is not a warranty as to the performance or suitability of the product. The information must be regarded only as a description of the health, safety and environmental requirements for that product. The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Since the conditions of use are out of our control, Soapmakers Store, a Division of Aroma Trading Ltd, Registered No. 2698381, V.A.T. Registration No. 600 516 981, shall not be held liable for any damage resulting from handling or from contact with the product. It is the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.