



## SAFETY DATA SHEET

LEMONGRASS OIL

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Compilation date: 16/03/2016

Revision No: 1

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name: LEMONGRASS OIL  
CAS number: 91844-92-7  
EINECS number: 295-161-9  
Synonyms: TRADITIONAL COCHIN LEMONGRASS OIL  
INCI name: Cymbopogon flexuosus Oil, Cymbopogon flexuosus herb Oil

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### 1.3. Details of the supplier of the safety data sheet

**Company name:** Purelife UK  
Unit 7, Building 2, Sandwich Ind  
Sandwich,  
Kent  
CT13 9LU  
United Kingdom

**Tel:** 01304 273111

**Fax:** Not applicable

**Email:** sales@purelifeuk.co.uk

#### 1.4. Emergency telephone number

**Emergency tel:** 07845 772575

### Section 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315; Skin Sens. 1: H317

Most important adverse effects: Causes skin irritation. May cause an allergic skin reaction.

#### 2.2. Label elements

Label elements:

Hazard statements: H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.

Hazard pictograms: GHS07: Exclamation mark



Signal words: Warning

Precautionary statements: P261: Avoid breathing dust/fumes/gas/mist/vapours/spray.  
P264: Wash hands thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.

[cont...]

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P302+352: IF ON SKIN: Wash with plenty of water/.

P321: Specific treatment (see instructions on this label).

P332+313: If skin irritation occurs: Get medical attention.

### 2.3. Other hazards

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous ingredients:

CITRAL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
226-394-6	5392-40-5	-	Skin Irrit. 2: H315; Skin Sens. 1: H317	70-90%

## Section 4: First aid measures

### 4.1. Description of first aid measures

**Skin contact:** Rinse immediately with plenty of water.

**Eye contact:** Bathe the eye with running water for 15 minutes. If irritation persists seek medical advice.

**Ingestion:** Do not induce vomiting. Wash out mouth with water. Consult a doctor.

**Inhalation:** Move to fresh air in case of accidental inhalation of vapours.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** Irritation or pain may occur at the site of contact.

**Eye contact:** Causes serious eye damage

**Inhalation:** Potential irritant. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Stinging sensation

## Section 5: Fire-fighting measures

### 5.1. Extinguishing media

**Extinguishing media:** Foam. Dry chemical powder. Carbon dioxide. Vaporising liquids

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Keep containers cool. Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

[cont...]

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## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Use personal protective equipment.

### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Physical methods, absorbent material. Clean with detergent and hot water.

### 6.4. Reference to other sections

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Ensure there is sufficient ventilation of the area.

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

**Storage conditions:** Keep container tightly closed. Store in a cool, well ventilated area. Keep away from direct sunlight. Protect from freezing and direct sunlight.

**Suitable packaging:** Glass. Laquer lined steel / tin. Aluminium containers. Polyethylene.

### 7.3. Specific end use(s)

## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

**Workplace exposure limits:** No data available.

### DNEL/PNEC Values

**DNEL / PNEC** No data available.

### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Use chemical resistant gloves

**Eye protection:** Safety goggles.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Yellow to reddish brown

**Odour:** Characteristic odour

[cont...]

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**Solubility in water:** Insoluble

**Flash point°C:** 72

**Relative density:** 0.904

## 9.2. Other information

**Other information:** No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Flames.

### 10.5. Incompatible materials

**Materials to avoid:** Oxidising agents. Strong acids. Strong Alkalies.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

## Section 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicity values:

Route	Species	Test	Value	Units
ORAL	RAT	LD50	5460	mg/kg
ORAL	RBT	LD50	2800	mg/kg

#### Hazardous ingredients:

##### CITRAL

IPR	RAT	LD50	460	mg/kg
ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	4960	mg/kg

#### Relevant hazards for product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated

[cont...]

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Respiratory/skin sensitisation

DRM

Hazardous: calculated

## Symptoms / routes of exposure

**Skin contact:** Irritation or pain may occur at the site of contact.

**Eye contact:** Causes serious eye damage

**Inhalation:** Potential irritant. Over exposure at high levels may result in mucous membrane irritation of the nose and throat with coughing.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

### 12.4. Mobility in soil

**Mobility:** No data available.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

## Section 13: Disposal considerations

### 13.1. Waste treatment methods

**Disposal operations:** Dispose of in accordance with local regulations

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

## Section 15: Regulatory information

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

### 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

\* indicates text in the SDS which has changed since the last revision.

[cont...]

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**Phrases used in s.2 and s.3:** H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.