



Product: Lemongrass Oil EOS36

## Section 1. Identification of the substance or the mixture and of the supplier

1.1 Product Identifier

**Product identifier**: Lemongrass Oil; CAS: 91844-92-7

Other identifiers: None.

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

**Product uses:** Fragrance, Cosmetics

1.3 Details of the supplier of the safety data sheet

**Company name:** Purple Flame Aromatherapy Ltd

Company address: St John's Spinney

Gun Hill New Arley Warwickshire CV7 8HA

Contact name: Lorraine Lusty

**Company phone:** +44 (0) 1676 542542

1.4 Emergency telephone number

**Emergency phone:** +44 (0) 1676 542542

### Section 2. Hazards identification

## 2.1 Classification of the substance or mixture

## Classification under Regulation (EC) No 1272/2008

Class and category of

danger Skin Corrosion / Irritation Category 2

Eye Damage / Irritation Category 1 Sensitization - Skin Category 1

Hazardous to the Aquatic Environment - Long-term Hazard Category 2 Hazardous to the Aquatic Environment - Long-term Hazard Category 3

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. H412, Harmful to aquatic life with long lasting effects.

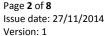
Classification under Directive 67/548/EEC

**Hazard symbols:** N, Dangerous for the environment.

Xi, Irritant.

**Risk phrases:** R36/38, Irritating to eyes and skin.

R43, May cause sensitisation by skin contact.





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R51/53, Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic

environment.

2.2 Label elements

Classification under Regulation (EC) No 1272/2008

Signal word: Danger

**Hazard statements:** 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. H412, Harmful to aquatic life with long lasting effects.

M factor: None.

**Supplemental** 

Information: None

Precautionary

**statements:** P261, Avoid breathing vapour or dust.

P264, Wash hands and other contacted skin 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/eye protection/face protection. 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.

P310, Immediately call a POISON CENTER or doctor/physician. P333/313, If skin irritation or rash occurs: Get medical advice/attention.

P362, Take off contaminated clothing and wash before reuse.

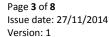
P391, Collect spillage.

P501, Dispose of contents/container to: approved disposal site.



**Pictograms:** 

Other hazards: None.





**Product:** Lemongrass Oil EOS36

## Section 3. Composition / information on ingredients

#### 3.1 Substances

**Product identifier:** Lemongrass Oil; CAS: 91844-92-7

Name	CAS	EC	REACH Registration No.	%	Classification for (DSD) 67/548/EEC	Classification for (CLP) 1272/2008
Citral	5392-40-5	226-394-6		80.0%	Xi ; R38-R43	SCI 2-EDI 2- SS 1B;H315- H317-H319,-
Geraniol	106-24-1	203-377-1		7.00%	Xi ; R38-R41- R43	SCI 2-EDI 1- SS 1;H315- H317-H318,-
d,l-Limonene (isomer unspecified) ((+/-)-1- Methyl-4-(1- methylvinyl) cyclohexene)	7705-14-8	231-732-0		4.0%	Xi-N ; R10- R38-R43- R50/53	FL 3-SCI 2-SS 1-AH 1-EH A1-EH C1;H226- H304- H315-H317- H410,-
Methylheptenone (isomer unspecified)	409-02-9	206-990-2		2.00%	Xi ; R10-R36	FL 3-EDI 2;H226- H319,-

### Section 4. First-aid measures

#### 4.1 Description of first aid measures

IF ON SKIN: Wash with plenty of soap and water.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a POISON CENTER or doctor/physician.

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

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

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

None expected, see Section 4.1 for further information.

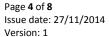
### Section 5: Firefighting measures

### 5.1 Extinguishing media

Suitable media: Carbon dioxide, Dry chemical, Foam.

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

In case of fire, may be liberated: Carbon monoxide, Unidentified organic compounds.





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## 5.3 Advice for fire fighters:

In case of insufficient ventilation, wear suitable respiratory equipment.

#### Section 6. Accidental release measures

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

Avoid inhalation. Avoid contact with skin and eyes. See protective measures under Section 7 and 8.

## 6.2 Environmental precautions:

Keep away from drains, surface and ground water, and soil.

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

Remove ignition sources. Provide adequate ventilation. Avoid excessive inhalation of vapours. Contain spillage immediately by use of sand or inert powder. Dispose of according to local regulations.

#### 6.4 Reference to other sections:

Also refer to sections 8 and 13.

### Section 7. Handling and storage

#### 7.1 Precautions for safe handling:

Keep away from heat, sparks, open flames and hot surfaces. - No smoking. Use personal protective equipment as required. Use in accordance with good manufacturing and industrial hygiene practices. Use in areas with adequate ventilation Do not eat, drink or smoke when using this product.

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

Store in a well-ventilated place. Keep container tightly closed. Keep cool. Ground/bond container and receiving equipment. Use explosion-proof electrical, ventilating and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

#### 7.3 Specific end use(s):

Use in accordance with good manufacturing and industrial hygiene practices.

## Section 8. Exposure controls/personal protection

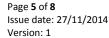
### 8.1 Control parameters

Workplace exposure limits: Not Applicable

**8.2 Exposure Controls** 

## **Eye / Skin Protection**

Wear protective gloves/eye protection/face protection





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## **Respiratory Protection**

Under normal conditions of use and where adequate ventilation is available to prevent build up of excessive vapour, this material should not require special engineering controls. However, in conditions of high or prolonged use, or high temperature or other conditions which increase exposure, the following engineering controls can be used to minimise exposure to personnel: a) Increase ventilation of the area with local exhaust ventilation. b) Personnel can use an approved, appropriately fitted respirator with organic vapour cartridge or canisters and particulate filters. c) Use closed systems for transferring and processing this material.

Also refer to Sections 2 and 7.

### Section 9. Physical and chemical properties

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

Appearance: Clear, amber, mobile liquid

Odour: Lemon like.

pH: Not determined

Initial boiling point / range: Not determined

Flash point: 71 °C

Vapour pressure: Not determined

Relative density: Not determined

Solubility(ies): Not determined

9.2 Other information: None available

## Section 10. Stability and reactivity

### 10.1 Reactivity:

Presents no significant reactivity hazard, by itself or in contact with water.

#### 10.2 Chemical stability:

Good stability under normal storage conditions.

## 10.3 Possibility of hazardous reactions:

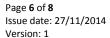
Not expected under normal conditions of use.

#### 10.4 Conditions to avoid:

Avoid extreme heat.

#### 10.5 Incompatible materials:

Avoid contact with strong acids, alkalis or oxidising agents.





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## 10.6 Hazardous decomposition products:

Not expected.

#### Section 11. Toxicological information

#### 11.1 Information on toxicological effects

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye damage.

Assumed Toxicity Value (LD50 or ATE) for Acute Oral Toxicity: 46415.09
Assumed Toxicity Value (LD50 or ATE) for Acute Dermal Toxicity: 2800

Assumed Toxicity Value (LC50 or ATE) for Acute Inhalation Toxicity: Not Available
Inhalation Route: Not Available
Not Available

Refer to Section 2 for additional information.

Section 12. Ecological information

**12.1 Toxicity:** Toxic to aquatic life with long lasting effects.

Harmful to aquatic life with long lasting effects.

**12.2 Persistence and degradability:** Not available

**12.3 Bioaccumulative potential:** Not available

**12.4 Mobility in soil:** Not available

12.5 Results of PBT and vPvB assessment:

This substance does not meet the PBT/vPvB criteria of REACH, annex XIII.

**12.6 Other adverse effects:** Not available

### Section 13. Disposal considerations

#### 13.1 Waste treatment methods:

Dispose of in accordance with local regulations. Avoid disposing into drainage systems and into the environment. Empty containers should be taken to an approved waste handling site for recycling or disposal.

### **Section 14. Transport information**

**14.1 UN number:** UN3082

14.2 UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (d,I-

Limonene (isomer unspecified) ((+/-)-1-Methyl-4-(1-methylvinyl)

cyclohexene))

14.3 Transport hazard class(es): 9

Sub Risk:



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14.4. Packing Group:

**14.5 Environmental hazards:** This is an environmentally hazardous substance.

14.6 Special precautions for user: None additional

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

## Section 15. Regulatory information

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

None additional

## 15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this product.

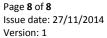
## **Section 16. Other information**

### Key to revisions:

CLP Hazard Category and Statement Summary Classification under Regulation (EC) No 1272/2008 Hazardous Ingredients disclosed in a CLP Safety Data Sheet

### Key to abbreviations:

Abbreviation	Meaning
AH 1	Aspiration Hazard Category 1
EDI 1	Eye Damage / Irritation Category 1
EDI 2	Eye Damage / Irritation Category 2
EH A1	Hazardous to the Aquatic Environment - Acute Hazard Category 1
EH C1	Hazardous to the Aquatic Environment - Long-term Hazard Category 1
FL 3	Flammable Liquid, Hazard Category 3
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H410	Very toxic to aquatic life with long lasting effects.
P210	Keep away from heat, sparks, open flames and hot surfaces No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing vapour or dust.
P261	Wash hands and other contacted skin thoroughly after handling.
P261	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.





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Wear protective gloves/eye protection/face protection.			
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.			
IF ON SKIN: Wash with plenty of soap and water.			
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with			
water/shower.			
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present			
and easy to do. Continue rinsing.			
Immediately call a POISON CENTER or doctor/physician.			
Do NOT induce vomiting.			
If skin irritation or rash occurs: Get medical advice/attention.			
If eye irritation persists: Get medical advice/attention.			
Take off contaminated clothing and wash before reuse.			
In case of fire: Use for extinction: Foam, Dry chemical, Carbon dioxide.			
Collect spillage.			
Store in a well-ventilated place. Keep cool.			
Store locked up.			
Dispose of contents/container to: approved disposal site.			
Skin Corrosion / Irritation Category 2			
Sensitization - Skin Category 1			
Sensitization - Skin Category 1B			

The information in this safety data sheet is to the best of our knowledge true and accurate but all data, instructions, recommendations and/or suggestions are made without guarantee.