

# Material security data sheet

Printed : 10/02/2016

Review : 001NEW-2-CLP du 10/02/2016

## LEMONGRASS OIL - LEMON0002

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1. Product identifier

LEMONGRASS OIL - LEMON0002

**C.A.S Number** : 8007-02-1

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

NOT RELEVANT

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

**AROMIUM**  
c/ Verdi 321 bx. 2º 08024 Barcelona  
Tf.: 93-2840606 email: info@aromium.es

#### 1.4. Emergency telephone number

NOT RELEVANT

### 2. HAZARD IDENTIFICATION

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

GHS classification in conformity with directive 1272/2008

(RegulationCLP)

EDI1 Serious eye damage / eye irritation 1  
EHC2 Hazardous to the aquatic environment, long-term hazard 2  
SCI2 Skin corrosion / irritation 2  
SS1 Sensitisation skin 1

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.

Conform with UE 67/548/CEE et 1999/45/CE :

- Health Hazards : Xi  
R38:Irritating to skin.  
R43:May cause sensitization by skin contact.

- Environmental Hazards : N  
R51-53:Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

#### 2.2. Label elements

GHS classification in conformity with directive 1272/2008

(RegulationCLP)

Warning mention : Danger

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EDI1 Serious eye damage / eye irritation 1  
 EHC2 Hazardous to the aquatic environment, long-term hazard 2  
 SCI2 Skin corrosion / irritation 2  
 SS1 Sensitisation skin 1

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.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264 - Wash ... 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/protective clothing/eye protection/face protection.  
 P302+P352 - IF ON SKIN: Wash with plenty of soap and water.



Conform with UE 67/548/CEE et 1999/45/CE :

- Health Hazards : Xi  
 R38:Irritating to skin.  
 R43:May cause sensitization by skin contact.

- Environnemental Hazards : N  
 R51-53:Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S24:Avoid contact with skin.  
 S36:Wear suitable protective clothing.  
 S37:Wear suitable gloves.  
 S61:Avoid release to the environment. Refer to special instructions / Safety data sheets.



## 2.3. Other hazards

NOT RELEVANT

## 3. COMPOSITION / INFORMATION ON INGREDIENT

Component list :

### 3.1. Substances

Material	C.A.S	EINECS	Risk Symbol	Classification CLP	Percent %
Citral	5392-40-5	226-394-6	Xi R38 R43	ED12, SCI2, SS1B - H315, H317, H319	[ 60-65 ]
Geraniol	106-24-1	203-377-1	Xi R38 R41 R43	ED11, SCI2, SS1 - H315, H317, H318	[ 5-10 ]
Caryophyllène	87-44-5	201-746-1	Xn R65	AH1 - H304	[ 0-5 ]
Geranyl Acétate	105-87-3	203-341-5	N R51-53	EHC2 - H411	[ 0-5 ]

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Linalool.	78-70-6	201-134-4	Xi R38	ED12, SCI2 - H315, H319	[ 0-5 ]
Methylheptenone (isomer unspecified)	110-93-0	203-816-7	Xi R38 R43	FL3 - H226, H303, H316, H402	[ 0-5 ]
d,l-Limonene	5989-27-5	227-813-5	N, Xi R10 R38 R43 R50-53	AH1, EHA1, EHC1, FL3, SCI2, SS1 - H226, H304, H315, H317, H400, H410	[ 0-5 ]

## 3.2. Mixtures

NOT RELEVANT

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

NOT RELEVANT

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

NOT RELEVANT

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

**Contact with skin :** wash immediately and abundantly with water and soap. Rinse then with clear water.  
**Contact with eyes :** Abundant rinsing with water (15 minutes open eyelids) then washing with an ocular lotion standard Dacryoserum. In case of disorder, consult an ophthalmologist.  
**In the event of swallowed :** Not make vomit, maintain the patient at rest. Resort to the medical care.  
**Soiled clothing :** withdraw soiled clothing and re-use them only after decontamination.

## 5. FIRE FIGHTING

### 5.1. Extinguishing media

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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

**Flammability :** The product is not flammable.  
**Prévention:** Do not smoke. Do not use flame near.

### 5.3. Advice for firefighters

Never use a direct stream of water.

## 6. ACCIDENTAL RELEASE MEASURES

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

Use appropriate personal protective equipment during clean-up.

### 6.2. Environmental precautions

Do not allow to enter sewers/ surface or ground water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

### 6.4. Reference to other sections

NOT RELEVANT

## 7. HANDLING AND STORAGE

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## 7.1. Precautions for safe handling

Close packing after use. Reproduce labelling if transfer in another container.

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

- Avoid any useless exposure. Keep away from food and drinks.
- Preserve only in the container of origin in a fresh place and broken down well. Keep the containers closed out of their use.
- Do not leave it near heat source, direct rays of the sun

## 7.3. Specific end use(s)

Wash the hands and any other zone exposed with soap and water before eating, drinking, to smoke and before leaving work.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1. Control parameters

NOT RELEVANT

### 8.2. Exposure controls

**General protective and hygienic measures:** Avoid skin and eyes contact. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

#### Personal Protection :

- Hands protection : Protection not required if a good ventilation is maintained.
- Eyes protection : Protection not required if a good ventilation is maintained.
- Respiratory protection : Protection not required if a good ventilation is maintained.
- Ingestion : Do not use, drink and smoke during use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Relative density (d<sub>20</sub>/20) : **[0.872 ; 0.897]**

Refractive index at 20 C : **[1.483 ; 1.489]**

Angular rotation ( ) : **[0 ; -10]**

Color : **pale yellow to yellow orangey**

Appearance : **liquid**

Odor : **lemony, fresh**

Flash point ( C ) : **80 C**

### 9.2. Other information

NOT RELEVANT

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

-**Dangerous reactions** : No dangerous reactions known.

### 10.2. Chemical stability

NOT RELEVANT

### 10.3. Possibility of hazardous reactions

NOT RELEVANT

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## 10.4. Conditions to avoid

NOT RELEVANT

## 10.5. Incompatible materials

NOT RELEVANT

## 10.6. Hazardous decomposition products

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**Dangerous decomposition products:** No dangerous decomposition products known.

## 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological

**Toxicological Information :** No data available.

### Toxicological Informations Acute :

- Orale

- Inhalation

- Skin

2 800,02 ( )

## 12. ECOLOGICAL INFORMATION

### 12.1. Toxicity

Do not leave the product, even diluted or in great quantity, penetrate the ground water, water or the drains.

### 12.2. Persistence and degradability

NOT RELEVANT

### 12.3. Bioaccumulative potential

NOT RELEVANT

### 12.4. Mobility in soil

NOT RELEVANT

### 12.5. Results of PBT and vPvB assessment

NOT RELEVANT

### 12.6. Other adverse effects

NOT RELEVANT

## 13. DISPOSAL RECOMMENDATIONS

### 13.1. Waste treatment methods

**Product :** Recommendation : Does not have to be evacuated with the refuse . Not to let penetrate in the sewers.

**Not cleaned packing :** Recommendation : Evacuation in accordance with the regulations.

## 14. TRANSPORT INFORMATION

ADR:

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IMDG:



IATA:



## 14.1. UN number

ADR : 3082 ( Tunel code :(E) )

IMDG:3082

IATA :3082

Custom tariff :

**33012941**

## 14.2. UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Limonene)

IMDG:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Limonene)

IATA :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Limonene)

## 14.3. Transport hazard class(es)

ADR : 9

IMDG:9

IATA :9

## 14.4. Packing group

ADR : III

IMDG:III

IATA :III

## 14.5. Environmental hazards

IMDG : NOT RELEVANT

## 14.6. Special precautions for user

NOT RELEVANT

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

NOT RELEVANT

## 15. REGULATORY INFORMATION

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

Class of water contamination (Germany) : WGK 3

### 15.2. Chemical safety assessment

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Contient R43 items Citral, Geraniol, Methylheptenone (isomer unspecified), d,l-Limonene . Peut provoquer des allergies.

## 16. OTHER INFORMATION

Full text of phrases H quoted in point 3 :

- H226 Flammable liquid and vapour.
- H303 May be harmful if swallowed
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H316 Causes mild skin irritation
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H402 Harmful to aquatic life
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.

Full text of phrases R quoted in point 3 :

- R38 Irritating to skin.
- R51-53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R65 Harmful: May cause lung damage if swallowed.
- R10 Flammable.
- R43 May cause sensitization by skin contact.
- R41 Risk of serious damage to eyes.
- R50-53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Material security data sheet according to 2001/58/CEE.

These indications are founded on the current state of our knowledge, but do not constitute a guarantee as for the properties of the product and do not give place to a contractual legal report.

Modifiedpointslist:2.1 2.2 3.1 9.1 15.1 16

Aromaterapia y cosmética natural