

# Material security data sheet

Printed : 11/02/2016

Review : 001NEW-18-CLP from 11/02/2016

## GINGER OIL - GINGE0001

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1. Product identifier

GINGER OIL - GINGE0001

C.A.S Number : 8007-08-7

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

NO CONCERNED

#### 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

NO CONCERNED

### 2. HAZARD IDENTIFICATION

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

GHS Classification :

RegulationCLP

ASP.TOX.1Aspirationhazard1 H304 : May be fatal if swallowed  
and enters airways.

EYEIRRIT.2Seriouseyedamage/eyeirritation2 H319 : Causes serious eye  
irritation.

AQUATICCHRONIC2Hazardoustotheaquaticenvironment,long-tremhazard H411 : Toxic to  
aquatic life with long lasting effects.

SKINIRRIT.2Skincorrosion/irritation2 H315 : Causes skin irritation.

SKINSENS.1ASensitisation,skin1A H317 : May cause an allergic skin  
reaction.

#### 2.2. Label elements

GHS Classification :

RegulationCLP

Warning mention : Danger

ASP. TOX. 1 Aspiration hazard 1

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EYE IRRIT. 2 Serious eye damage / eye irritation 2  
AQUATIC CHRONIC 2 Hazardous to the aquatic environment, long-term hazard 2  
SKIN IRRIT. 2 Skin corrosion / irritation 2  
SKIN SENS. 1A Sensitisation, skin 1A

H304 - May be fatal if swallowed and enters airways.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H411 - Toxic to aquatic life with long lasting effects.

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.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

P302+P352 - IF ON SKIN: Wash with plenty of water/...



## 2.3. Other hazards

Contains Camphene, Bisabolene, alpha-Pinene, Farnesene alpha, Neral, Geranial, d-Limonene, Eucalyptol, Terpinolene, Geraniol

## 3. COMPOSITION / INFORMATION ON INGREDIENT

Component list :

### 3.1. Substances

Material	C.A.S	EINECS	Risk Symbol	Percent %
Bisabolene	495-62-5	207-805-8	H304, H315, H317	[ 5-10 ]
Camphene	79-92-5	201-234-8	H226, H319, H400, H410	[ 5-10 ]
Farnesene alpha	502-61-4	207-948-6	H304	[ 1-5 ]
Geranial	141-27-5	205-476-5	H315, H317, H319	[ 1-5 ]
Neral	106-26-3	203-379-2	H315, H317, H319	[ 1-5 ]
alpha-Pinene	80-56-8	201-291-9	H226, H304, H315, H317	[ 1-5 ]
Eucalyptol	470-82-6	207-431-5	H226, H317	[ 0-1 ]
Geraniol	106-24-1	203-377-1	H315, H317, H318	[ 0-1 ]
Terpinolene	586-62-9	209-578-0	H226, H304, H317, H400, H410	[ 0-1 ]
d-Limonene	5989-27-5	227-813-5	H226, H304, H315, H317, H400, H410	[ 0-1 ]

### 3.2. Mixtures

NO CONCERNED

## 4. FIRST AID MEASURES

### 4.1. Description of first aid measures

NO CONCERNED

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

NO CONCERNED

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## 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

NO CONCERNED

## 7. HANDLING AND STORAGE

### 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

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## 8.1. Control parameters

NO CONCERNED

## 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

Odor :	aromatic, spicy
Color :	pale yellow to dark yellow
Appearance :	liquid
Relative density (d <sub>20</sub> /20) :	[0.870 ; 0.885]
Flash point ( C ) :	66 C
Refractive index at 20 C :	[1.485 ; 1.495]
Angular rotation ( ) :	[-52 ; -25]

### 9.2. Other information

NO CONCERNED

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

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

### 10.2. Chemical stability

NO CONCERNED

### 10.3. Possibility of hazardous reactions

NO CONCERNED

### 10.4. Conditions to avoid

NO CONCERNED

### 10.5. Incompatible materials

NO CONCERNED

### 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

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## 11.1. Information on toxicological

Toxicological Information : No data available.

Toxicological Informations Acute :

Oral

0,00 (Defined) mg/kg

Inhalation

Not determined mg/kg

Skin

0,00 (Defined) mg/kg

## 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

NO CONCERNED

### 12.3. Bioaccumulative potential

NO CONCERNED

### 12.4. Mobility in soil

NO CONCERNED

### 12.5. Results of PBT and vPvB assessment

NO CONCERNED

### 12.6. Other adverse effects

NO CONCERNED

## 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:



IMDG:



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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.(d-limonene)

IMDG:ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(d-limonene)

IATA :ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(d-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 : NO CONCERNED

## 14.6. Special precautions for user

NO CONCERNED

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

NO CONCERNED

## 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

Contains R43 items Citral, alpha-Pinene, d-Limonene : Can cause allergic reaction.

## 16. OTHER INFORMATION

Full H sentences text in point 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.

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H319 Causes serious eye irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Material security data sheet according to (CE) 1272/2008

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.

Modified points: 2.1

2.2

2.3

16

