

Material security data sheet

Printed : 28/01/2016

Review : 001NEW-3-CLP from 28/01/2016

LIME OIL DISTILLED - LIMET0016

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

LIME OIL DISTILLED - LIMET0016

C.A.S Number : 8008-26-2

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.

FLAM.LIQ.3FlammableLiquids3 H226 : Flammable liquid and
vapour.

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

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

EUH208 - Contains : Terpinolene, Eucalyptol, alpha-Pinene, beta-Pinene, d-Limonene, Bisabolene . May
produce an allergic reaction.

2.2. Label elements

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GHS Classification :

(RegulationCLP)

Warning mention : Danger

ASP. TOX. 1 Aspiration hazard 1
EYE IRRIT. 2 Serious eye damage / eye irritation 2
AQUATIC CHRONIC 2 Hazardous to the aquatic environment, long-term hazard 2
FLAM. LIQ. 3 Flammable Liquids 3
SKIN IRRIT. 2 Skin corrosion / irritation 2
SKIN SENS. 1A Sensitisation, skin 1A

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.
H319 - Causes serious eye irritation.
H411 - Toxic to aquatic life with long lasting effects.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P241 - Use explosion-proof electrical/ventilating/lighting/.../equipment.
P242 - Use only non-sparking tools.
P243 - Take precautionary measures against static discharge.
P264 - Wash ... thoroughly after handling.

EUH208 - Contains : Terpinolene, Eucalyptol, alpha-Pinene, beta-Pinene, d-Limonene, Bisabolene . May produce an allergic reaction.



2.3. Other hazards

Contains d-Limonene, Gamma terpinène, alpha-Terpineol, beta-Pinene, Myrcene, alpha-Pinene, TERPINEOL
GAMMA

3. COMPOSITION / INFORMATION ON INGREDIENT

Component list :

3.1. Substances

NO CONCERNED

3.2. Mixtures

Material	C.A.S	EINECS	Risk Symbol	Percent %
d-Limonene	5989-27-5	227-813-5	H226, H304, H315, H317, H400, H410	[30-50]
Gamma terpinène	99-85-4	202-794-6	H226, H304	[10-15]
Terpinolene	586-62-9	209-578-0	H226, H304, H317, H400, H410	[5-10]
alpha-Terpineol	98-55-5	202-680-6	H315, H319	[5-10]
Eucalyptol	470-82-6	207-431-5	H226, H317	[1-5]
Myrcene	123-35-3	204-622-5	H226, H304, H315, H319	[1-5]
TERPINEOL GAMMA	586-81-2	209-584-3	H303, H315, H319	[1-5]
alpha-Pinene	80-56-8	201-291-9	H226, H304, H315, H317	[1-5]

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beta-Pinene	127-91-3	204-872-5	H226, H304, H315, H317	[1-5]
p-Cymene	99-87-6	202-796-7	H226, H304, H411	[1-5]
p-Mentha-1,3-diene (terpinène alpha)	99-86-5	202-795-1	H226, H302, H304, H411	[1-5]
Bisabolene	495-62-5	207-805-8	H304, H315, H317	[0-1]
Camphene	79-92-5	201-234-8	H226, H319, H400, H410	[0-1]

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

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 ophtalmologist.

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 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

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7. HANDLING AND STORAGE

7.1. Precautions for safe handling

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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

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

Relative density (d ₂₀ /20) :	[0.856 ; 0.866]
Flash point (C) :	46 C
Refractive index at 20 C :	[1.472 ; 1.477]
Angular rotation () :	[+31 ; +42]
Odor :	characteristic, fruity, lemony
Color :	colorless to pale yellow
Appearance :	liquid

9.2. Other information

NO CONCERNED

10. STABILITY AND REACTIVITY

10.1. Reactivity

Dangerous reactions : No dangerous reactions known.

10.2. Chemical stability

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10.3. Possibility of hazardous reactions

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10.4. Conditions to avoid

NO CONCERNED

10.5. Incompatible materials

NO CONCERNED

10.6. Hazardous decomposition products

Thermal decomposition / conditions to be avoided: Avoid contact with any flame or spark, flame, Overheat. Avoid Direct rays of the sun. 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 :

Oral

Not determined mg/kg

Inhalation

Not determined mg/kg

Skin

Not determined 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

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ADR:



IMDG:



IATA:



14.1. UN number

ADR : 1169 (Tunel code : (D/E))

IMDG:1169

IATA :1169

Custom tariff : 33011920

14.2. UN proper shipping name

ADR : EXTRACTS, AROMATIC, LIQUID

IMDG:EXTRACTS, AROMATIC, LIQUID

IATA :EXTRACTS, AROMATIC, LIQUID

14.3. Transport hazard class(es)

ADR : 3

IMDG:3

IATA :3

14.4. Packing group

ADR : III

IMDG:III

IATA :III

14.5. Environmental hazards

IMDG : marine pollutant component

14.6. Special precautions for user

NO CONCERNED

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

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15. REGULATORY INFORMATION

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

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Class of water contamination (Germany) : WGK 3

15.2. Chemical safety assessment

Contains R43 items Bisabolene, Eucalyptol, Terpinolene, alpha-Pinene, beta-Pinene, d-Limonene
: Can cause allergic reaction.

16. OTHER INFORMATION

Full H sentences text in point 3 :

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H303 May be harmful if swallowed
- 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.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.

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.

Modified points: 1.3 2.1 2.2 2.3 3.2 9.1 11.1 14 14.1 14.2
14.5 15.1 15.2 16

