

Material security data sheet

Printed : 12/06/2015

Review : 001NEW-1-CLP du 12/06/2015

CALAMUS OIL - CALAM0011

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

CALAMUS OIL - CALAM0011

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



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)

ATO4 Acute toxicity oral 4

EHC3 Hazardous to the aquatic environment, long-term hazard 3

H302 - Harmful if swallowed.

H412 - Harmful to aquatic life with long lasting effects.

EUH208 - May produce an allergic reaction. : Eugenol

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

- Health Hazards : Xn

R22:Harmful if swallowed.

- Environmental Hazards :

R52:Harmful to aquatic organisms.

R53: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 : Warning

ATO4 Acute toxicity oral 4

EHC3 Hazardous to the aquatic environment, long-term hazard 3

H302 - Harmful if swallowed.

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H412 - Harmful to aquatic life with long lasting effects.

P264 - Wash ... thoroughly after handling.

P270 - Do not eat, drink or smoke when using this product.

P273 - Avoid release to the environment.

P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

P330 - Rinse mouth.

P501 - Dispose of contents/container to ...

EUH208 - May produce an allergic reaction. : Eugenol



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

- Health Hazards : Xn
R22:Harmful if swallowed.

- Environmental Hazards :
R52:Harmful to aquatic organisms.
R53:May cause long-term adverse effects in the aquatic environment.



2.3. Other hazards

Contains Eugenyl methyl ether (methyl eugenol), 1,7,7-Trimethylbicyclo[2.2.1]heptan-2-one (camphre cristallisé)

3. COMPOSITION / INFORMATION ON INGREDIENT

Component list :

3.1. Substances

NOT RELEVANT

3.2. Mixtures

Material	C.A.S	EINECS	Risk Symbol	Classification CLP	Percent %
Eugenol	97-53-0	202-589-1		ED12, SS1B - H317, H319	[0-1]
Eugenyl methyl ether (methyl eugenol)	93-15-2	202-223-0	N, Xn R22 R40 R51-53 R68	ATO4, CAR2, MUT2 - H302, H341, H351	[0-1]
Nerolidol (isomer unspecified)	7212-44-4	230-597-5	N R50-53	ED12, EHA1, EHC1 - H319, H400, H410	[0-1]

4. FIRST AID MEASURES

4.1. Description of first aid measures

NOT RELEVANT

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

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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

NOT RELEVANT

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

8.1. Control parameters

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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 (d₂₀/20) : [1.010 ; 1.060]

Refractive index at 20 C : [1.510 ; 1.545]

Angular rotation () : [-7 ; +7]

Color : dark yellow to brown-yellow

Appearance : liquid

Odor : characteristic

Flash point (C) : 85 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

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.

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Toxicological Informations Acute :

- **Orale**

1 560,01 (Déterminée)

- **Inhalation**

Non Déterminée

- **Skin**

Non Déterminée

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

14.1. UN number

ADR : Not Regulated

IMDG:Not Regulated

IATA :Not Regulated

Custom tariff :

33012941

14.2. UN proper shipping name

ADR : Not Regulated

IMDG:Not Regulated

IATA :Not Regulated

14.3. Transport hazard class(es)

ADR : Not Regulated

IMDG:Not Regulated

IATA :Not Regulated

14.4. Packing group

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ADR : Not Regulated
IMDG:Not Regulated
IATA :Not Regulated

14.5. Environmental hazards

IMDG : Not Regulated

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 2

15.2. Chemical safety assessment

Contains R43 items Eugenol : Can cause allergic reaction.

16. OTHER INFORMATION

Full text of phrases H quoted in point 3 :

H302 Harmful if swallowed.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H341 Suspected of causing genetic defects <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H351 Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Full text of phrases R quoted in point 3 :

R22 Harmful if swallowed.

R50-53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

R40 Limited evidence of a carcinogenic effect.

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

R68 Possible risks of irreversible 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.