

## Material security data sheet

Printed : 27/03/2024

Revised : LSI\_2023-1-CLP du 27/03/2024

### ROMARIN 1.8 CINEOL HE COSMOS / Rosmarinus officinalis

#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### 1.1. Product identifier

ROMARIN 1.8 CINEOL HE COSMOS / Rosmarinus officinalis

**Commercial Name** : ROMARIN 1.8 CINEOL HE COSMOS / Rosmarinus officinalis

**C.A.S Number** : 8000-25-7

Country of origin : **Morocco - Tunisia**

##### 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

Company : SAS ROBERTET BIO  
20 ZI Rhône Vallée Sud  
07250 LE POUZIN  
Tel:33 (0)4.75.21.73.16  
Fax :33 (0)4.75.21.75.34

##### 1.4. Emergency telephone number

Emergency telephone number:  
33(0)4 75 21 73 16 (during normal opening times 8h-17h30)

#### 2. HAZARD IDENTIFICATION

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

###### GHS Classification :

(RegulationCLP)

AH1 Aspiration hazard 1  
ED12 Serious eye damage / eye irritation 2  
ED12A Serious eye damage / eye irritation 2A  
EHC2 Hazardous to the aquatic environment, long-term hazard 2  
FL3 Flammable Liquids 3  
SC12 Skin corrosion / irritation 2  
SS1B Sensitisation, skin 1B  
STO-SE2 Specific target organ toxicity, single exposure 2

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.

H371 - May cause damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H411 - Toxic to aquatic life with long lasting effects.

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### 2.2. Label elements

#### GHS Classification :

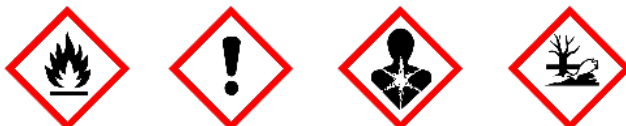
(RegulationCLP)

Signal word: Danger

AH1 Aspiration hazard 1  
 EDI2 Serious eye damage / eye irritation 2  
 EDI2A Serious eye damage / eye irritation 2A  
 EHC2 Hazardous to the aquatic environment, long-term hazard 2  
 FL3 Flammable Liquids 3  
 SCI2 Skin corrosion / irritation 2  
 SS1B Sensitisation, skin 1B  
 STO-SE2 Specific target organ toxicity, single exposure 2

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.  
 H371 - May cause damage to organs <or state all organs affected, if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.  
 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.  
 P260 - Do not breathe dust/fume/gas/mist/vapours/spray.



### 2.3. Other hazards

**Content Eucalyptol, Camphor, alpha-Pinene, beta-Pinene, beta-Caryophyllene, Limonene, Myrcene, Linalool, Terpinolene**

## 3. COMPOSITION / INFORMATION ON INGREDIENT

Liste des composants à signaler :

### 3.1. Substances

Numéro d'identification	Substance	Classes danger & Phrases H	LCS / Facteurs M / ATE	Percent %
CAS# 470-82-6 EINECS# 207-431-5	Eucalyptol	EDI2B, FL3, SS1B H320, H226, H317		55.00
CAS# 76-22-2 EINECS# 200-945-0	Camphor	AT14, ATO4, ED11, EHC2, SCI2, STO-SE2 H332, H302, H318, H411, H315, H371	ATE (Orale) : 1500.015mg/kg ATE (Inhalation) : 1.5mg/L	16.00
CAS# 80-56-8 EINECS# 201-291-9	alpha-Pinene	AH1, ATO4, EHA1, EHC1, FL3, SCI2, SS1B H304, H302, H400, H410, H226, H315, H317	ATE (Orale) : 500mg/kg	14.50

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CAS# 127-91-3 EINECS# 204-872-5	beta-Pinene	AH1, EHA1, EHC1, FL3, SCI2, SS1B H304, H400, H410, H226, H315, H317	9.00
CAS# 79-92-5 EINECS# 201-234-8	Camphene	EDI2B, EHA1, EHC1, FL3 H320, H400, H410, H226	6.00
CAS# 507-70-0 EINECS# 208-080-0	Borneol	EHC2, FS1, SCI2 H411, H228, H315	5.00
CAS# 87-44-5 EINECS# 201-746-1	beta-Caryophyllene	AH1, SS1B H304, H317	4.50
CAS# 5989-27-5 EINECS# 227-813-5	Limonene	AH1, EHA1, EHC3, FL3, SCI2, SS1B H304, H400, H412, H226, H315, H317	4.00
CAS# 98-55-5 EINECS# 202-680-6	alpha-Terpineol	EDI2, EDI2A, SCI2 H319, H319, H315	2.60
CAS# 99-87-6 EINECS# 202-796-7	p-Cymene	AH1, EHC2, FL3, REP2 H304, H411, H226, H361	2.50
CAS# 123-35-3 EINECS# 204-622-5	Myrcene	AH1, EDI2, EDI2A, EHA1, EHC2, FL3, SCI2 H304, H319, H319, H400, H411, H226, H315	2.00
CAS# 78-70-6 EINECS# 201-134-4	Linalool	EDI2, EDI2A, SCI2, SS1B H319, H319, H315, H317	1.50
CAS# 99-85-4 EINECS# 202-794-6	gamma-Terpinene	AH1, FL3, REP2 H304, H226, H361	0.90
CAS# 586-62-9 EINECS# 209-578-0	Terpinolene	AH1, EHA1, EHC1, FL3, SS1B H304, H400, H410, H226, H317	0.50

### 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

### 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.

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

**Flammability :** The product is not easily 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

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### 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 :

- Hand protection: Wear gloves.
- Eye protection: Wear glasses.
- Respiratory protection : Wear a mask.
- Ingestion : Do not use, drink and smoke during use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Color :	<b>Colorless to pale yellow</b>
Relative density (d <sub>20</sub> /20) :	<b>[0.907 ; 0.920]</b>
Refractive index @ 20°C :	<b>[1.464 ; 1.470]</b>
Angular rotation (°) :	<b>[-2.0 ; +5.0]</b>
Flash point :	<b>47°C</b>

### 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

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Avoid temperatures near the flash point (see section 9). Avoid contact with oxidizing agents

### 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 hazard classes as defined in Regulation (EC) No 1272/2008

**Toxicological Information :** No data available.

#### Toxicological Informations Acute :

- **Orale**

Matière non classée

- **Inhalation**

Matière non classée

- **Skin**

Non Déterminé

### 11.2. Information on other hazards

According to our current information, no substances are considered to be endocrine disruptors.

## 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

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### 12.6. Endocrine disrupting properties

According to our current information, no substances are considered to be endocrine disruptors.

### 12.7. 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/ADN/RID:



IMDG:



IATA:



### 14.1. UN number

ADR/ADN/RID : 1197 ( Tunnel code(D/E) )  
IMDG:1197  
IATA :1197

### 14.2. UN proper shipping name

ADR/ADN/RID : EXTRACTS, LIQUID  
IMDG:EXTRACTS, LIQUID  
IATA :EXTRACTS, LIQUID

### 14.3. Transport hazard class(es)

ADR/ADN/RID : 3  
IMDG:3  
IATA :3

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### 14.4. Packing group

ADR/ADN/RID : III  
IMDG:III  
IATA :III

### 14.5. Environmental hazards

IMDG : marine pollutant material

### 14.6. Special precautions for user

NO CONCERNED

### 14.7. Maritime transport in bulk according to IMO instruments

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

Valeur ICPE : 4510

### 15.2. Chemical safety assessment

NO CONCERNED

## 16. OTHER INFORMATION

### Full H sentences text in point 3 :

H226	Flammable liquid and vapour.
H228	Flammable solid.
H302	Harmful if swallowed.
H302+H332	Harmful if swallowed or if inhaled
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.
H320	Provoque une irritation des yeux
H361	Suspected of damaging fertility or the unborn child <state specific effect if known> <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.
H371	May cause damage to organs <or state all organs affected, if known> <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.
H411	Toxic to aquatic life with long lasting effects.

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H412 Harmful to aquatic life with long lasting effects.

Material security data sheet according to 2020/878.

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 : 2.3 3.1