

## Material security data sheet

Printed : 15/01/2022

### AE Elemi

#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### 1.1. Product identifier

AE Elemi

**C.A.S Number:** 8023-89-0

##### 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

Crovay Natural Solutions S.L.  
Ctra. Nova 129 3º 4ª  
La Garriga 08530  
Barcelona  
+34 603037788  
info@crovay.com  
www.crovay.com

##### 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)

AH1 Aspiration hazard 1  
EHA1 Hazardous to the aquatic environment, acute hazard 1  
EHC1 Hazardous to the aquatic environment, long-term hazard 1  
FL3 Flammable Liquids 3  
SCI2 Skin corrosion / irritation 2  
SS1A 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.  
H400 - Very toxic to aquatic life.  
H410 - Very toxic to aquatic life with long lasting effects.

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

- Physico-chemical Hazards : F-  
R10:Flammable.

- Health Hazards : Xn  
R38:Irritating to skin.  
R43:May cause sensitization by skin contact.  
R65:Harmful: May cause lung damage if swallowed.

- Environmental Hazards : N

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R50-53:Very 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

AH1 Aspiration hazard 1  
EHA1 Hazardous to the aquatic environment, acute hazard 1  
EHC1 Hazardous to the aquatic environment, long-term hazard 1  
FL3 Flammable Liquids 3  
SCI2 Skin corrosion / irritation 2  
SS1A Sensitisation, skin 1A

H226 - Flammable liquid and vapour.  
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H317 - May cause an allergic skin reaction.  
H400 - Very toxic to aquatic life.  
H410 - Very toxic to aquatic life with long lasting effects.

P210 - Keep away from heat/sparks/open flames/hot surfaces. - 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.



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

- Physico-chemical Hazards : F-  
R10:Flammable.

- Health Hazards : Xn  
R38:Irritating to skin.  
R43:May cause sensitization by skin contact.  
R65:Harmful: May cause lung damage if swallowed.

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

S61:Avoid release to the environment. Refer to special instructions / Safety data sheets.  
S24:Avoid contact with skin.  
S62:If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.  
S36/37:Wear suitable protective clothing and gloves.  
S57:Use appropriate container to avoid environmental contamination.



## 2.3. Other hazards

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NOT RELEVANT

## 3. COMPOSITION / INFORMATION ON INGREDIENT

Component list :

### 3.1. Substances

Material	C.A.S	EINECS	Risk Symbol	Classification CLP	Percent %
d,l-Limonene	5989-27-5	227-813-5	F-, N, Xn R10 R38 R43 R50-53 R65	AH1, EHA1, EHC1, FL3, SCI2, SS1B - H226, H304, H315, H317, H400, H410	> à 50 %
Phellandrène	99-83-2	202-792-5	F-, Xn R10 R65	AH1, FL3 - H226, H304	[ 10-20 ]
Eucalyptol/Cineol	470-82-6	207-431-5	F-, Xi R10 R43	FL3, SS1B - H226, H317	[ 1-5 ]
Methyl eugenol (eugenyl methyl ether)	93-15-2	202-223-0	N, Xn R22 R40 R51-53 R68	ATO4, CAR2, MUT2 - H302, H341, H351	[ 0-1 ]

### 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 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

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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

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) :	[0,850 ; 0,910]
Flash point ( C ) :	54 C
Refractive index at 20 C :	[1,472 ; 1,490]
Angular rotation ( ) :	[+44 ; +85]
Odor :	balsamic, spicy
Color :	colorless to yellow
Appearance :	liquid

### 9.2. Other information

NOT RELEVANT

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## 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:**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 :

- **Orale**

3399.973 DL50 (Déterminée)

- **Inhalation**

Non déterminée

- **Skin**

2500 DL50 (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

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## 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:



IATA:



### 14.1. UN number

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

IMDG:1169

IATA :1169

Custom tariff : **33012941**

### 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 : 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

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## 15. REGULATORY INFORMATION

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

Class of water contamination (Germany) : WGK 3

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## 15.2. Chemical safety assessment

Contient R43 items d,l-Limonene . Peut provoquer des allergies.

## 16. OTHER INFORMATION

Full text of phrases H quoted in point 3 :

- H226 Flammable liquid and vapour.
- H302 Harmful if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- 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 :

- R10 Flammable.
- R22 Harmful if swallowed.
- R43 May cause sensitization by skin contact.
- R65 Harmful: May cause lung damage if swallowed.
- R38 Irritating to skin.
- R40 Limited evidence of a carcinogenic effect.
- R51-53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
- R50-53 Very 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.

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