

Material security data sheet

Printed : 20/09/2021

Review : 20/09/2021

CLAVO ESPECIAL BIO

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

CLAVO ESPECIAL BIO

C.A.S Number : 8000-34-8

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
e-mail: info@crovay.com
web: 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
ED12 Serious eye damage / eye irritation 2
SS1 Sensitisation skin 1

H304 - May be fatal if swallowed and enters airways.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.

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

- Health Hazards : Xn
R36:Irritating to eyes.
R43:May cause sensitization by skin contact.
R65:Harmful: May cause lung damage if swallowed.

2.2. Label elements

GHS classification in conformity with directive 1272/2008

(RegulationCLP)

Warning mention : Danger

AH1 Aspiration hazard 1
ED12 Serious eye damage / eye irritation 2
SS1 Sensitisation skin 1

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H304 - May be fatal if swallowed and enters airways.
H317 - May cause an allergic skin reaction.
H319 - Causes serious eye irritation.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash ... thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352 - IF ON SKIN: Wash with plenty of soap and water.



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

- Health Hazards : Xn
R36:Irritating to eyes.
R43:May cause sensitization by skin contact.
R65:Harmful: May cause lung damage if swallowed.

S24:Avoid contact with skin.
S37:Wear suitable gloves.
S62:If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.



2.3. Other hazards

NOT RELEVANT

3. COMPOSITION / INFORMATION ON INGREDIENT

Component list :

3.1. Substances

Material	C.A.S	EINECS	Risk Symbol	Classification GHS	Percent %
Eugenol	97-53-0	202-589-1	Xi R36 R43	ED12, SS1 - H317, H319	[85-90]
Eugenyl Acetate	93-28-7	202-235-6	Xn R22	ATO4 - H302, H316	[5-10]
Caryophyllène	87-44-5	201-746-1	Xn R65	AH1 - H304	[0-5]

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

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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 (d ₂₀ /20) :	[1.042 ; 1.063]
Refractive index at 20 °C :	[1.528 ; 1.538]
Angular rotation () :	[0 ; -1.5]
Color :	yellow to light brown
Appearance :	liquid
Odor :	aromatic, spicy
Flash point :	>100 °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.

Toxicological Informations Acute :

- Orale

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2 649,99 ()

- Inhalation

- Skin

4 900,04 ()

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 RELEVANT

IMDG:NOT RELEVANT

IATA :NOT RELEVANT

Custom tariff :

33012911

14.2. UN proper shipping name

ADR : NOT RELEVANT

IMDG:NOT RELEVANT

IATA :NOT RELEVANT

14.3. Transport hazard class(es)

ADR : NOT RELEVANT

IMDG:NOT RELEVANT

IATA :NOT RELEVANT

14.4. Packing group

ADR : NOT RELEVANT

IMDG:NOT RELEVANT

IATA :NOT RELEVANT

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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

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

Contient R43 items Eugenol . Peut provoquer des allergies.

16. OTHER INFORMATION

Full text of phrases H quoted in point 3 :

H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H316 Causes mild skin irritation
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.

Full text of phrases R quoted in point 3 :

R36 Irritating to eyes.
R65 Harmful: May cause lung damage if swallowed.
R22 Harmful if swallowed.
R43 May cause sensitization by skin contact.

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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