



Material security data sheet

Printed : 10/02/2015

Review : 001NEW-1-CLP du 10/02/2015

ROSEMARY VERBENONE OIL

1. PRODUCT AND COMPANY IDENTIFICATION

ROSEMARY VERBENONE OIL

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

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

1.2. Relevant identified uses of the substance or mixture and uses advised against

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
ATI4 Acute toxicity inhalation 4
EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC1 Hazardous to the aquatic environment, long-term hazard 1
FL3 Flammable Liquids 3
SS1A Sensitisation, skin 1A
STO-SE2 Specific target organ toxicity, single exposure 2

H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H317 - May cause an allergic skin reaction.

H332 - Harmful if inhaled.

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.

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

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

- Health Hazards : Xn
R43:May cause sensitization by skin contact.
R22:Harmful if swallowed.

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R65:Harmful: May cause lung damage if swallowed.

R68:Possible risks of irreversible effects.

- Environnemental Hazards : N

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

ATI4 Acute toxicity inhalation 4

EHA1 Hazardous to the aquatic environment, acute hazard 1

EHC1 Hazardous to the aquatic environment, long-term hazard 1

FL3 Flammable Liquids 3

SS1A Sensitisation, skin 1A

STO-SE2 Specific target organ toxicity, single exposure 2

H226 - Flammable liquid and vapour.

H304 - May be fatal if swallowed and enters airways.

H317 - May cause an allergic skin reaction.

H332 - Harmful if inhaled.

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.

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.



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

- Physico-chemical Hazards : F-

R10:Flammable.

- Health Hazards : Xn

R43:May cause sensitization by skin contact.

R22:Harmful if swallowed.

R65:Harmful: May cause lung damage if swallowed.

R68:Possible risks of irreversible effects.

- Environnemental 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.

S37:Wear suitable gloves.

S62:If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

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2.3. Other hazards

NOT RELEVANT

3. COMPOSITION / INFORMATION ON INGREDIENT

Component list :

3.1. Substances

Material	C.A.S	EINECS	Risk Symbol	Classification CLP	Percent %
Camphre	76-22-2	200-945-0	F, Xn R11 R20/22 R68/22	AT14, AT04, FS2, STO-SE2 - H228, H302+H332, H371	[10-20]
alpha pinène naturel	80-56-8	201-291-9	F-, Xn R10 R38 R43 R65	AH1, FL3, SCI2, SS1B - H226, H304, H315, H317	[10-20]
Camphene	79-92-5	201-234-8	F-, N, Xi R11 R36 R50-53	ED12, EHA1, EHC1, FS2 - H228, H319, H400, H410	[5-10]
Eucalyptol/Cineol	470-82-6	207-431-5	F-, Xi R10 R43	FL3, SS1B - H226, H317	[5-10]
Borneol Cristallisé	507-70-0	208-080-0	F R11	FS2 - H228	[1-5]
Linalool.	78-70-6	201-134-4	Xi R38	ED12, SCI2 - H315, H319	[1-5]
Terpineol (2-(4-Methyl-3-Cyclohexen-1-yl)-2-...)	98-55-5	202-680-6	Xi R36/38	ED12, SCI2 - H315, H319	[1-5]
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	[1-5]
paracymène	99-87-6	202-796-7	F-, N, Xn R10 R51-53 R65	AH1, EHC2, FL3 - H226, H304, H411	[1-5]
Caryophyllène	87-44-5	201-746-1	Xn R65	AH1 - H304	[0-1]
Myrcene	123-35-3	204-622-5	F-, Xn R10 R38 R65	AH1, ED12, FL3, SCI2 - H226, H304, H315, H319	[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 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.

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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

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.

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-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, break and smoke during use.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Relative density (d₂₀/20) : **[0.895 ; 0.925]**

Refractive index at 20°C : **[1.467 ; 1.477]**

Angular rotation (α) : **[-4 ; +39]**

Color : **very pale yellow to light yellow**

Appearance : **liquid**

Odor : **fresh, warm.**

Flash point (°C) : **+36°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: 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**

0 DL50 (Estimée)

- **Inhalation**

1.5 CL50 (Déterminée)

- **Skin**

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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

ADR:



IMDG:



IATA:



14.1. UN number

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

IMDG:1169

IATA :1169

Custom tariff :

33012941

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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

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 3

15.2. Chemical safety assessment

Contient R43 items Eucalyptol/Cineol, alpha pinène naturel, d,l-Limonene . Peut provoquer des allergies.

16. OTHER INFORMATION

Full text of phrases H quoted 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.

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>.

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.

Full text of phrases R quoted in point 3 :

R10 Flammable.

R36/38 Irritating to eyes and skin.

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R65 Harmful: May cause lung damage if swallowed.

R38 Irritating to skin.

R11 Highly flammable.

R43 May cause sensitization by skin contact.

R20/22 Harmful by inhalation and if swallowed.

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

R68/22 Harmful: possible risk of irreversible effects if swallowed.

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

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.