



NHR ORGANIC OILS
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Safety Data Sheet

Organic Thyme Borneol Essential Oil

(*Thymus satureioides*)

Printed : 14/03/2023

Model/Rev.: LSI_2023-1-CLP du 14/03/2023

1. PRODUCT AND COMPANY IDENTIFICATION

1.1. Product identifier

ESSENTIAL OIL OF WILD THYME CT BORNEOL ORGANIC FROM MOROCCO

Commercial Name : ESSENTIAL OIL OF WILD THYME CT BORNEOL ORGANIC FROM MOROCCO
C.A.S Number : /

CAS EINECS number: /
EINECS number: /
ELINCS number: /
ECHA attributed number:/ 934-977-8

FEMA number: /
CoE number: /
FDA number: /

Botanical name : Thymus satureioides Coss.
INCI name : THYMUS SATUREIOIDES OIL
Quality : 100% pure and natural
REACH : Exempted because importation < 1t / year / legal entity

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 : NHR Organic Oils
24 Chatham Place
Brighton BN1 3TN UK
Tel:0044 01273 746505
Web: www.nhrorganicoils.com
Email: info@nhrorganicoils.com

1.4. Emergency telephone number

NO CONCERNED

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

GHS Classification :

(RegulationCLP)

AH1 Aspiration hazard 1
ATO4 Acute toxicity oral 4
ED11 Serious eye damage / eye irritation 1
EHA1 Hazardous to the aquatic environment, acute hazard 1

EHC1 Hazardous to the aquatic environment, long-term hazard 1
FL3 Flammable Liquids 3
REP2 Reproductive toxicity 2
SC11B Skin corrosion / irritation 1B
SS1 Sensitisation skin 1

H226 - Flammable liquid and vapour.

H302 - Harmful if swallowed.

H304 - May be fatal if swallowed and enters airways.

H314 - Causes severe skin burns and eye damage.

H317 - May cause an allergic skin reaction.

H318 - Causes serious eye damage.

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>.

H400 - Very toxic to aquatic life.

H410 - Very toxic to aquatic life with long lasting effects.

2.2. Label elements

GHS Classification :

(RegulationCLP)

Warning mention : Danger

AH1 Aspiration hazard 1
ATO4 Acute toxicity oral 4
ED11 Serious eye damage / eye irritation 1
EHA1 Hazardous to the aquatic environment, acute hazard 1
EHC1 Hazardous to the aquatic environment, long-term hazard 1
FL3 Flammable Liquids 3
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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.

P273 - Avoid release to the environment.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor/...

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

P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352 - IF ON SKIN: Wash with plenty of water/...

P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.

P403+P235 - Store in a well-ventilated place. Keep cool.

P501 - Dispose of contents/container according to applicable legislations



2.3. Other hazards

Contains Thymol, Carvacrol, beta-Caryophyllene, Terpinene-4-ol, alpha-Pinene, p-Cymene, Camphor

3. COMPOSITION / INFORMATION ON INGREDIENT

Liste des composants à signaler :

3.1. Substances

Borneol	35.00%
CAS# 507-70-0 / EINECS# 208-080-0 EHC2, FS1, SCI2 / H411, H228, H315	
alpha-Terpineol	20.00%
CAS# 98-55-5 / EINECS# 202-680-6 ED12, SCI2 / H319, H315	
Camphene	15.00%
CAS# 79-92-5 / EINECS# 201-234-8 EHA1, EHC1, FL3 / H400, H410, H226	
Carvacrol	15.00%
CAS# 499-75-2 / EINECS# 207-889-6 ATO4, ED12, SCI2, SS1B / H302, H319, H315, H317 ATE (Orale) : 810.005mg/kg	
Thymol	15.00%
CAS# 89-83-8 / EINECS# 201-944-8 ATO4, ED11, EHC2, SCI1B / H302, H318, H411, H314 ATE (Orale) : 980.008mg/kg	
Terpinene-4-ol	10.00%
CAS# 562-74-3 / EINECS# 209-235-5 AT14, ATO4, SCI2, STO-SE3-RI / H332, H302, H315, H335 ATE (Orale) : 1300.001mg/kg ATE (Inhalation) : 1.5mg/L	
alpha-Pinene	10.00%
CAS# 80-56-8 / EINECS# 201-291-9 AH1, ATO4, EHA1, EHC1, FL3, SCI2, SS1B / H304, H302, H400, H410, H226, H315, H317 ATE (Orale) : 500mg/kg	
beta-Caryophyllene	10.00%
CAS# 87-44-5 / EINECS# 201-746-1 AH1, SS1B / H304, H317	

p-Cymene	10.00%
CAS# 99-87-6 / EINECS# 202-796-7 AH1, ATI3, EHC2, FL3, REP2 / H304, H331, H411, H226, H361 ATE (Inhalation) : 9.7mg/L	
Linalool	8.00%
CAS# 78-70-6 / EINECS# 201-134-4 EDI2, SCI2, SS1B / H319, H315, H317	
Gamma-terpinene	6.00%
CAS# 99-85-4 / EINECS# 202-794-6 AH1, EHC2, FL3, REP2 / H304, H411, H226, H361	
Eucalyptol (Cinéole-1.8)	5.00%
CAS# 470-82-6 / EINECS# 207-431-5 FL3, SS1B / H226, H317	
Camphor	4.00%
CAS# 76-22-2 / EINECS# 200-945-0 ATI4, ATO4, EDI1, EHC2, SCI2, STO-SE2 / H332, H302, H318, H411, H315, H371 ATE (Orale) : 1500.015mg/kg ATE (Inhalation) : 1.5mg/L	
beta-Pinene	3.00%
CAS# 127-91-3 / EINECS# 204-872-5 AH1, EHA1, EHC1, FL3, SCI2, SS1B / H304, H400, H410, H226, H315, H317	
d-Limonene	3.00%
CAS# 5989-27-5 / EINECS# 227-813-5 AH1, EHA1, EHC3, FL3, SCI2, SS1B / H304, H400, H412, H226, H315, H317	

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.

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

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

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

Texture :	Liquid with crystal formation by lowering the temperature
Color :	[Dark yellow ; Orangey]
Odor :	Characteristic, strong

9.2. Other information

Main components :	Borneol (15 to 35%), Alpha-terpineol (3 to 20%), Carvacrol (2 to 15%), Thymol (< 15%), Camphene (5 to 15%), Alpha-pinene (< 10%), Terpinene-4-ol (< 10%), Beta-caryophyllene (2 to 10%), Para-cymene (< 10%)
Angular rotation at 20°C (°) :	[-20 ; +10]
Relative density at 20°C :	[0.925 ; 0.950]
Refractive index at 20°C :	[1.475 ; 1.495]
Flash point (°C) :	[+50 ; +59]

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

NO CONCERNED

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**

1 094,37 (Determined)

- **Inhalation**

Not classified

- **Skin**

Not classified

11.2. Information on other hazards

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

12.6. Endocrine disrupting properties

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 : 2924 (Tunnel code(D/E))

IMDG:2924

IATA :2924

14.2. UN proper shipping name

ADR/ADN/RID : FLAMMABLE LIQUID, CORROSIVE, N.O.S.(Camphene, Thymol)

IMDG:FLAMMABLE LIQUID, CORROSIVE, N.O.S.(Camphene, Thymol)

IATA :FLAMMABLE LIQUID, CORROSIVE, N.O.S.(Camphene, Thymol)

14.3. Transport hazard class(es)

ADR/ADN/RID : 3 (8)
IMDG:3 (8)
IATA :3 (8)

14.4. Packing group

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

14.5. Environmental hazards

IMDG : NO CONCERNED

Marine pollutant(s) : Camphene

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

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.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H335	May cause respiratory irritation.

- 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.
- H412 Harmful to aquatic life with long lasting 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.