

# Material security data sheet

Printed : 28/10/2015

Review : 001NEW-2-GHS du 28/10/2015

## THYME ABSOLUTE - THYMA0002

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1. Product identifier

THYME ABSOLUTE - THYMA0002

**C.A.S Number** : 8007-46-3

#### 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

Company SAS MATIÈRES PREMIÈRES ESSENTIELLES  
6, chemin St Joseph  
BP 25265  
06131 GRASSE CEDEX  
Tel :04 93 09 19 27  
Fax :04 93 77 89 88  
Web :www.mpe-grasse.fr  
Email :sales@mpe-grasse.fr

#### 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

(RegulationGHS)

ASP. TOX. 1 Aspiration hazard 1  
ACUTE TOX. 5 Acute toxicity oral 5  
EYE DAM. 1 Serious eye damage / eye irritation 1  
AQUATIC ACUTE 2 Hazardous to the aquatic environment, acute hazard 2  
AQUATIC CHRONIC 2 Hazardous to the aquatic environment, long-term hazard 2  
FLAM. LIQ. 4 Flammable Liquids 4  
SKIN CORR. 1B Skin corrosion / irritation 1B  
SKIN SENS. 1A Sensitisation, skin 1A

H227 - Combustible liquid  
H303 - May be 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.  
H401 - Toxic to aquatic life  
H411 - Toxic to aquatic life with long lasting effects.

#### 2.2. Label elements

GHS classification in conformity with directive 1272/2008

(RegulationGHS)

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Warning mention : Danger

ASP. TOX. 1 Aspiration hazard 1  
ACUTE TOX. 5 Acute toxicity oral 5  
EYE DAM. 1 Serious eye damage / eye irritation 1  
AQUATIC ACUTE 2 Hazardous to the aquatic environment, acute hazard 2  
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P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 - Wash ... thoroughly after handling.  
P272 - Contaminated work clothing should not be allowed out of the workplace.  
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+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/shower.



## 2.3. Other hazards

**Contains Camphene, Carvacrol, Thymol, Linalool, Gamma terpinène, p-Cymene, alpha-Terpineol, Terpinene-1ol-4, Geraniol**

## 3. COMPOSITION / INFORMATION ON INGREDIENT

Component list :

### 3.1. Substances

NOT RELEVANT

### 3.2. Mixtures

Material	C.A.S	EINECS	Risk Symbol	Percent %
Borneol	507-70-0	208-080-0	H228, H316	[ 10-15 ]
Camphene	79-92-5	201-234-8	H228, H316, H319, H400, H410	[ 5-10 ]
Carvacrol	499-75-2	207-889-6	H302, H315, H317, H319	[ 5-10 ]
Gamma terpinène	99-85-4	202-794-6	H226, H303, H304, H316	[ 1-5 ]
Linalool	78-70-6	201-134-4	H227, H303, H315, H319, H402	[ 1-5 ]
Thymol	89-83-8	201-944-8	H302, H314, H401, H411	[ 1-5 ]

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alpha-Terpineol	98-55-5	202-680-6	H227, H303, H315, H319, H401	[ 1-5 ]
beta-Caryophyllene	87-44-5	201-746-1	H304, H316	[ 1-5 ]
p-Cymene	99-87-6	202-796-7	H226, H303, H304, H316, H401, H411	[ 1-5 ]
Geraniol	106-24-1	203-377-1	H303, H315, H317, H318, H401	[ 0-1 ]
Terpinene-1ol-4	562-74-3	209-235-5	H227, H302, H313, H315, H319, H402	[ 0-1 ]
Terpinolene	586-62-9	209-578-0	H226, H303, H304, H316, H317, H400, H410	[ 0-1 ]
alpha-Pinene	80-56-8	201-291-9	H226, H303, H304, H315, H317	[ 0-1 ]
d-Limonene	5989-27-5	227-813-5		[ 0-1 ]
p-Mentha-1,3-diene (terpinène alpha)	99-86-5	202-795-1	H226, H302, H304, H316, H401, H411	[ 0-1 ]

## 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.

## 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

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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) :	<b>not determined</b>
Refractive index at 20 C :	<b>[1.495 ; 1.515]</b>
Angular rotation ( ) :	<b>not determined</b>
Color :	<b>brown green</b>
Appearance :	<b>liquid</b>
Odor :	<b>aromatic, herbaceous, spicy</b>
Flash point ( C ) :	<b>91 C</b>

### 9.2. Other information

NOT RELEVANT

## 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

·**Dangerous reactions** : No dangerous reactions known.

### 10.2. Chemical stability

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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 :

Oral

4 220,66 (Defined) mg/kg

Inhalation

Not determined mg/kg

Skin

Not determined mg/kg

## 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.

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## 14. TRANSPORT INFORMATION

ADR:



IMDG:



IATA:



### 14.1. UN number

ADR : 1760 ( Tunel code :(E) )

IMDG:1760

IATA :1760

Custom tariff : **33012941**

### 14.2. UN proper shipping name

ADR : CORROSIVE LIQUID, N.O.S.(Thymol)

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

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

### 14.3. Transport hazard class(es)

ADR : 8

IMDG:8

IATA :8

### 14.4. Packing group

ADR : III

IMDG:III

IATA :III

### 14.5. Environmental hazards

IMDG : marine pollutant component

### 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

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## **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**

Contains R43 items Carvacrol, Geraniol, Terpinolene, alpha-Pinene, d-Limonene : Can cause allergic reaction.

## 16. OTHER INFORMATION

Full text of phrases H quoted in point 3 :

- H226 Flammable liquid and vapour.
- H227 Combustible liquid
- H228 Flammable solid.
- H302 Harmful if swallowed.
- H303 May be harmful if swallowed
- H304 May be fatal if swallowed and enters airways.
- H313 May be harmful in contact with skin
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H316 Causes mild skin irritation
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H400 Very toxic to aquatic life.
- H401 Toxic to aquatic life
- H402 Harmful to aquatic life
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic 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.

Modifiedpointslist:2.1 2.2 2.3 3.2 11.1 14 14.2 14.5 15.2 16