

## Material security data sheet

Printed : 04/04/2023

Revised : LSI\_2023-1-CLP du 04/04/2023

### ORGANIC PEPPERMINT OIL / Mentha piperita

#### 1. PRODUCT AND COMPANY IDENTIFICATION

##### 1.1. Product identifier

ORGANIC PEPPERMINT OIL / Mentha piperita

**Commercial Name** : ORGANIC PEPPERMINT OIL / Mentha piperita

**C.A.S Number** : 8006-90-4

Country of origin : **India**

##### 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 : SAS ROBERTET BIO  
20 ZI Rhône Vallée Sud  
07250 LE POUZIN  
Tel:33 (0)4.75.21.73.16  
Fax :33 (0)4.75.21.75.34

##### 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  
ED12 Serious eye damage / eye irritation 2  
ED12A Serious eye damage / eye irritation 2A  
EHC3 Hazardous to the aquatic environment, long-term hazard 3  
SCI2 Skin corrosion / irritation 2  
SS1 Sensitisation skin 1

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

##### 2.2. Label elements

###### GHS Classification :

(RegulationCLP)

Signal word: Danger

## Material security data sheet

Printed : 04/04/2023 ORGANIC PEPPERMINT OIL / Mentha piperita

Revised : LSI\_2023-1-CLP du 04/04/2023

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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.  
 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/...



### 2.3. Other hazards

**Content Menthol, Menthone, Menthofuran, d,l-Isomenthone, (±)-Neomenthol, Limonene, beta-Pinene, alpha-Pinene**

## 3. COMPOSITION / INFORMATION ON INGREDIENT

Liste des composants à signaler :

### 3.1. Substances

Numéro d'identification	Substance	Classes danger & Phrases H	LCS / Facteurs M / ATE	Percent %
CAS# 2216-51-5 EINECS# 218-690-9	Menthol	EDI2B, SCI2 H320, H315		40.00
CAS# 10458-14-7 EINECS# 233-944-9	Menthone	ATO4, EHC3, SCI2, SS1B H302, H412, H315, H317	ATE (Orale) : 500mg/kg	28.00
CAS# 470-82-6 EINECS# 207-431-5	Eucalyptol	EDI2B, FL3, SS1B H320, H226, H317		8.00
CAS# 494-90-6 EINECS# 207-795-5	Menthofuran	ATO4, EDI2, EDI2A, EHC2, SCI2 H302, H319, H319, H411, H315	ATE (Orale) : 500mg/kg	8.00
CAS# 89-48-5 EINECS# 201-911-8	Menthyl acetate	EHC2 H411		8.00
CAS# 491-07-6 EINECS# 207-727-4	d,l-Isomenthone	SCI2, SS1B H315, H317		8.00
CAS# 3623-51-6 EINECS# 222-824-1	(±)-Neomenthol	EDI2B, SCI2 H320, H315		6.00
CAS# 15932-80-6 EINECS# 240-070-1	(+/-)-Pulegone	ATO4 H302	ATE (Orale) : 470.002mg/kg	3.50
CAS# 87-44-5 EINECS# 201-746-1	beta-Caryophyllene	AH1, SS1B H304, H317		3.50

## Material security data sheet

Printed : 04/04/2023      ORGANIC PEPPERMINT OIL / Mentha piperita      Revised : LSI\_2023-1-CLP du 04/04/2023

CAS# 5989-27-5 EINECS# 227-813-5	Limonene	AH1, EHA1, EHC3, FL3, SCI2, SS1B H304, H400, H412, H226, H315, H317		3.00
CAS# 127-91-3 EINECS# 204-872-5	beta-Pinene	AH1, EHA1, EHC1, FL3, SCI2, SS1B H304, H400, H410, H226, H315, H317		2.00
CAS# 80-56-8 EINECS# 201-291-9	alpha-Pinene	AH1, ATO4, EHA1, EHC1, FL3, SCI2, SS1B H304, H302, H400, H410, H226, H315, H317	ATE (Orale) : 500mg/kg	1.50
CAS# 78-70-6 EINECS# 201-134-4	Linalool	EDI2, EDI2A, SCI2, SS1B H319, H319, H315, H317		0.50
CAS# 99-85-4 EINECS# 202-794-6	gamma-Terpinene	AH1, FL3, REP2 H304, H226, H361		0.40
CAS# 99-87-6 EINECS# 202-796-7	p-Cymene	AH1, EHC2, FL3, REP2 H304, H411, H226, H361		0.20
CAS# 89-79-2 EINECS# 201-940-6	Isopulegol	ATO4, EDI2, EDI2A, SCI2 H302, H319, H319, H315	ATE (Orale) : 940.009mg/kg	0.13
CAS# 586-62-9 EINECS# 209-578-0	Terpinolene	AH1, EHA1, EHC1, FL3, SS1B H304, H400, H410, H226, H317		0.12
CAS# 99-49-0 EINECS# 202-759-5	Carvone	SS1B H317		0.10
CAS# 97-53-0 EINECS# 202-589-1	Eugenol	EDI2, EDI2A, SS1B H319, H319, H317		0.05

### 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.

## Material security data sheet

Printed : 04/04/2023 ORGANIC PEPPERMINT OIL / Mentha piperita

Revised : LSI\_2023-1-CLP du 04/04/2023

### 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

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)

## Material security data sheet

Printed : 04/04/2023 ORGANIC PEPPERMINT OIL / Mentha piperita Revised : LSI\_2023-1-CLP du 04/04/2023

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

Color :	<b>Colorless to pale yellow</b>
Relative density (d <sub>20</sub> /20) :	<b>[0.898 ; 0.918]</b>
Refractive index @ 20°C :	<b>[1.459 ; 1.465]</b>
Angular rotation (°) :	<b>[-30.0 ; -14.0]</b>
Flash point :	<b>77°C</b>

#### 9.2. Other information

NO CONCERNED

### 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

## Material security data sheet

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ORGANIC PEPPERMINT OIL / Mentha piperita

Revised : LSI\_2023-1-CLP du 04/04/2023

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### 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 hazard classes as defined in Regulation (EC) No 1272/2008

**Toxicological Information :** No data available.

#### Toxicological Informations Acute :

- **Orale**

2 540,01 (Déterminée)

- **Inhalation**

Non Déterminé

- **Skin**

Matière non classée

### 11.2. Information on other hazards

According to our current information, no substances are considered to be endocrine disruptors.

## 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

According to our current information, no substances are considered to be endocrine disruptors.

### 12.7. Other adverse effects

## Material security data sheet

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ORGANIC PEPPERMINT OIL / Mentha piperita

Revised : LSI\_2023-1-CLP du 04/04/2023

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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

#### 14.1. UN number

ADR/ADN/RID : NO REGULATED

IMDG:NO REGULATED

IATA :NO REGULATED

#### 14.2. UN proper shipping name

ADR/ADN/RID : NO REGULATED

IMDG:NO REGULATED

IATA :NO REGULATED

#### 14.3. Transport hazard class(es)

ADR/ADN/RID : NO REGULATED

IMDG:NO REGULATED

IATA :NO REGULATED

#### 14.4. Packing group

ADR/ADN/RID : NO REGULATED

IMDG:NO REGULATED

IATA :NO REGULATED

#### 14.5. Environmental hazards

IMDG : NO REGULATED

#### 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

Valeur ICPE :

0

## Material security data sheet

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Revised : LSI\_2023-1-CLP du 04/04/2023

### 15.2. Chemical safety assessment

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## 16. OTHER INFORMATION

### Full H sentences text 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.
H315+H320	Cause une irritation cutanée et oculaire
H317	May cause an allergic skin reaction.
H319	Causes serious eye 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>.
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 2020/878.

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.

Modified points : 1.3 2.3 16