

**Material safety data sheet**  
According to EU Regulation 1907/2006 in the current version  
**Pure Oregano Essential Oil**

**1. Identification of the substance/mixture and company**

|                                  |                                                                                                                                                           |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Trade name:                      | Pure Oregano Essential Oil                                                                                                                                |
|                                  | Steam distillation of the flowering aerial parts, 100% pure and natural                                                                                   |
| INCI                             | Origanum vulgare leaf oil                                                                                                                                 |
| CAS No. :                        | 8007-11-2 / 84012-24-8                                                                                                                                    |
| EINECS No. :                     | 281-670-3                                                                                                                                                 |
| REACH pre-registration No. :     | -                                                                                                                                                         |
| Utilization:                     | Raw material for cosmetic or professional use                                                                                                             |
| Supplier company identification: | Elemental SRL, Piața Cazărmii no.15, 410188-Oradea, jud.Bihor, Romania<br>Tel/Fax: +40259-436.755, <a href="http://www.elemental.eu">www.elemental.eu</a> |
| Emergency:                       | RO: număr național pentru cazuri de urgență: 021 3183606 Institutul de Sănătate Publică București.<br>International emergency number: +49 180 2273-112    |

**2. Hazards Identification**

**2.1 Classification of the substance or mixture**

GHS Classification : (Regulation CLP)  
 AH1 Aspiration hazard 1  
 ATO4 Acute toxicity oral 4  
 EDI1 Serious eye damage / eye irritation 1  
 EHC3 Hazardous to the aquatic environment, long-term hazard 3  
 SCI1B Skin corrosion / irritation 1B  
 SS1 Sensitization skin 1  
 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.  
 H412 - Harmful to aquatic life with long lasting effects.

**2.2 Label elements**

GHS Classification : (Regulation CLP)  
 Warning mention : Danger



AH1 Aspiration hazard 1

ATO4 Acute toxicity oral 4

EDI1 Serious eye damage / eye irritation 1

EHC3 Hazardous to the aquatic environment, long-term hazard 3

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SC11B Skin corrosion / irritation 1B

SS1 Sensitization skin 1

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.

H412 - Harmful to aquatic life with long lasting effects.

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/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.

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

P501 - Dispose of contents/container according to applicable legislation.

## 2.2 Other hazards

Contains: Carvacrol, Thymol, alpha-terpinene, Camphor

## 3. Declaration of ingredients

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Product not concerned by the component list.

### 3.1. Substances

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| Material           | C.A.S    | EINECS    | Risk Symbol                                      | %     |
|--------------------|----------|-----------|--------------------------------------------------|-------|
| Carvacrol          | 499-75-2 | 207-889-6 | ATO4, EDI2, SCI2, SS1B - H302, H315, H317, H319  | 80.00 |
| p-Cymene           | 99-87-6  | 202-796-7 | AH1, EHC2, FL3 - H226, H304, H411                | 8.00  |
| p-Mentha-1,4-diene | 99-85-4  | 202-794-6 | AH1, FL3 - H226, H304                            | 8.00  |
| Linalool           | 78-70-6  | 201-134-4 | EDI2, SCI2, SS1B - H315, H317, H319              | 5.00  |
| Thymol             | 89-83-8  | 201-944-8 | ATO4, EDI1, EHC2, SCI1B - H302, H314, H318, H411 | 5.00  |
| beta-Caryophyllene | 87-44-5  | 201-746-1 | AH1, SS1B - H304, H317                           | 5.00  |
| Borneol            | 507-70-0 | 208-080-0 | FL1, FS2 - H224, H228                            | 3.00  |
| Camphor            | 76-22-2  | 200-945-0 | ATI4, ATO4, STO-SE2 - H302+H332, H371            | 3.00  |
| Eucalyptol         | 470-82-6 | 207-431-5 | FL3, SS1B - H226, H317                           | 3.00  |
| alpha-terpinene    | 99-86-5  | 202-795-1 | AH1, ATO4, EHC2, FL3 - H226, H302, H304, H411    | 3.00  |

3.2. Mixtures  
Not concerned

#### 4. First aid measures

##### 4.1 Description of first aid measures

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 swallowing : Do not induce vomiting, maintain the patient at rest. Resort to the medical care.

In the event of excessive inhalation : Move the victim to fresh air. Get medical advice immediately.

Soiled clothing : Withdraw soiled clothing and re-use them only after decontamination.

#### 5. Fire fighting measures

##### 5.1. Extinguishing media

Recommended : foam, dry powder, carbon dioxide (CO2)

Inadvisable : avoid full water jet

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**5.2. Special hazards arising from the substance or mixture**

Flammability : The product is not flammable.

Prevention: Do not smoke. Do not use flame near.

**5.3. Advice for firefighters**

Never use a direct stream of water.

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**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 concerned

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**7. Handling and storage**

**7.1. Precautions for safe handling**

Close packing after use. Reproduce labeling if transferred 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 clean and dry place. Keep the containers closed when not in use.

-Do not leave it near heat source, direct rays of the sun.

**7.3. Specific end use(s)**

Wash hands and any other area exposed with soap and water before eating, drinking, smoking and before leaving work.

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**8. Exposure controls / personal protection**

**8.1. Control parameters**

Not 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 :

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- Hand protection: Wear gloves.
- Eye protection: Wear glasses.
- Respiratory protection : Wear a mask.
- Ingestion : Do not use, drink and smoke during use.

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**9. Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Texture : Liquid

Color : [Yellow greenish ; Dark brown]

Odor : Characteristic

9.2. Other information

Angular rotation at 20°C (°) : [-5 ; +5]

Relative density at 20°C : [0.935 ; 0.970]

Refractive index at 20°C : [1.500 ; 1.520]

Flash point (°C) : [+75 ; +80]

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**10. Stability and reactivity**

10.1. Reactivity

Not concerned

10.2. Chemical stability

Not concerned

10.3. Possibility of hazardous reactions

Not concerned

10.4. Conditions to avoid

Not concerned

10.5. Incompatible materials

Not concerned

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.

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**11. Toxicological information**

11.1. Information on toxicological

Toxicological Information Acute:

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- Oral  
874,04 (determined)
- Inhalation  
Not determined
- Skin  
0,00 (determined)

## 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 CONCERNED

### 12.3. Bioaccumulative potential

NOT CONCERNED

### 12.4. Mobility in soil

NOT CONCERNED

### 12.5. Results of PBT and vPvB assessment

NOT CONCERNED

### 12.6. Other adverse effects

NOT CONCERNED

## 13. Disposal considerations

### 13.1. Waste treatment methods

Product : Recommendation : Does not have to be disposed of with waste. Do not let penetrate the sewers.

Unclean packaging : Recommendation : Evacuation in accordance with regulations.

## 14. Transport information

|           |                                                                                     |      |                                                                                     |      |                                                                                       |
|-----------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
| ADR / RID |  | IMDG |  | IATA |  |
|-----------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|

### 14.1. UN number

ADR : 1760 ( Tunnel code(E) )

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IMDG:1760

IATA :1760

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 : II

IMDG: II

IATA : II

14.5. Environmental hazards

IMDG : Not concerned

Marine pollutant(s) : Not concerned

14.6. Special precautions for user

Not concerned

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not concerned

## 15. Regulatory information

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15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Not concerned

15.2. Chemical safety assessment

Not concerned

## 16. Additional information

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16.1. Full H sentences text in point 3 :

H224 Extremely flammable liquid and vapor.

H226 Flammable liquid and vapor.

H228 Flammable solid.

H302 Harmful if swallowed.

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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.  
H371 May cause damage to organs.  
H411 Toxic to aquatic life with long lasting effects.

Material security data sheet according to 2001/58/CEE.

16.2. Abbreviations:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
CLP: Classification, Labeling, Packaging.  
DNEL: Derived No Effect Level.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
IATA: International Air Transport Association.  
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  
ICAO: International Civil Aviation Organization.  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
IMDG: International Maritime Code for Dangerous Goods.  
INCI: International Nomenclature of Cosmetic Ingredients.  
LTE: Long-term exposure.  
PNEC: Predicted No Effect Concentration.  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.  
STE: Short-term exposure.  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.

DECLARATION OF ALLERGENS

7th Amendment to Directive 76/768/EC, annex III, part I (2003/15/EC)

| Compounds                                                         | C.A.S      | % Natural | % Synthetic | % Total |
|-------------------------------------------------------------------|------------|-----------|-------------|---------|
| 3 and 4-(4-Hydroxy-4-methylpentyl)-3-cyclohexene-1-carboxaldehyde | 31906-04-4 | -         | -           | -       |
| alpha-Amylcinnamyl alcohol                                        | 101-85-9   | -         | -           | -       |
| alpha-Amylcinnamaldehyde                                          | 122-40-7   | -         | -           | -       |
| alpha-Hexylcinnamaldehyde                                         | 101-86-0   | -         | -           | -       |

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|                                              |                |        |   |        |
|----------------------------------------------|----------------|--------|---|--------|
| alpha-iso-Methylionone                       | 127-51-5       | -      | - | -      |
| Anisyl alcohol                               | 105-13-5       | -      | - | -      |
| Benzyl alcohol                               | 100-51-6       | -      | - | -      |
| Benzyl benzoate                              | 120-51-4       | -      | - | -      |
| Benzyl cinnamate                             | 103-41-3       | -      | - | -      |
| Benzyl salicylate                            | 118-58-1       | -      | - | -      |
| Cinnamaldehyde                               | 104-55-2       | -      | - | -      |
| Cinnamyl alcohol                             | 104-54-1       | -      | - | -      |
| Citral                                       | 5392-40-5      | 0,0100 | - | 0,0100 |
| Coumarin                                     | 91-64-5        | -      | - | -      |
| dl-Citronellol                               | 106-22-9       | 0,0100 | - | 0,0100 |
| d-Limonene                                   | 5989-27-5      | 1,0000 | - | 1,0000 |
| Eugenol                                      | 97-53-0        | 0,3000 | - | 0,3000 |
| Farnesol                                     | 4602-84-0      | -      | - | -      |
| Geraniol                                     | 106-24-1       | 0,0100 | - | 0,0100 |
| Hydroxycitronellal                           | 107-75-5       | -      | - | -      |
| Isoeugenol                                   | 97-54-1        | -      | - | -      |
| Linalool                                     | 78-70-6        | 5,0000 | - | 5,0000 |
| Methyl 2-octynoate                           | 111-12-6       | -      | - | -      |
| Oakmoss absolute                             | 9000-50-4, 689 | -      | - | -      |
| p-t-Butyl-alpha-methylhydrocinnamic aldehyde | 80-54-6        | -      | - | -      |
| Treemoss (E. furfurac.)                      | 68648-41-9, 68 | -      | - | -      |
| Total :                                      |                | 6,3300 | - | 6,3300 |

**Disclaimer:**

This material safety data sheet does not constitute a guarantee of the properties of the product and is not a contractual legal report. The information is given in good faith on the basis of our best knowledge of the product at the indicated time. However, we cannot accept responsibility or liability for any consequences arising from its use, no warranty for correctness and completeness is given. We caution the users against the incurred possible risks when the product is used at other ends than the use for which it was initially planned. It is the user's responsibility during handling, storage and product use to consult the main regulatory texts in force regarding workers and environment protection.