

Section 1. Product and Company Identification

**Product Name** Oregano Oil  
**CAS Number** 84012-24-8

**Parchem - fine & specialty chemicals**  
**415 Huguenot Street**  
**New Rochelle, NY 10801**  
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EMERGENCY RESPONSE NUMBER  
CHEMTEL  
Toll Free US & Canada: 1 (800) 255-3924  
All other Origins: 1 (813) 248-0585  
Collect Calls Accepted

Section 2. Hazards Identification

**Classification of the substance or mixture**

**GHS Label Elements**

**Pictograms:**



**Signal word:** DANGER

**Hazard and precautionary statements**

**Hazard Statements**

H304: May be fatal if swallowed and enters airways.  
H319: Causes serious eye irritation.  
H402: Harmful to aquatic life.  
H412: Harmful to aquatic life with long-lasting effects.  
H227: Combustible liquid.  
H315: Causes skin irritation.

**Precautionary Statements**

P261 Avoid breathing dust/fumes/gas/mist/vapors/spray.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P331 Do NOT induce vomiting.  
P501 Dispose of contents/container in accordance with local/regional/national/ international regulation.

Section 3. Composition / Information on Ingredients

**Common Name** Oregano Oil  
**Synonym(s)** Origanum vulgare L.  
**CAS Number** 84012-24-8

COMPONENT	CAS NUMBER	CONCENTRATION
Alpha-pinene	80-56-8	1 – 5%
Beta-pinene	127-91-3	< 1%
Camphene	79-92-5	< 1%
Carvacrol	499-75-2	> 70%
L-limonene	5989-54-8	< 1 %
Myrcene	123-35-3	1 – 5%
P-cymene	99-87-6	5 – 10%
P-mentha-1,3-diene	99-86-5	1 – 5%
P-mentha-1,4-diene	99-85-4	5 – 10%
Terpinolene	586-62-9	< 1%
Thymol	89-83-8	< 1%
1-octen-3-ol	3391-86-4	< 1%
4-carvomenthenol	562-74-3	1 - 5%

Section 4. First Aid Measures

**Eyes:** Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower Eyelids.

**Skin:** Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing And shoes.

**Ingestion:** Do not induce vomiting. Get medical aid if irritation of symptoms occurs.

**Inhalation:** Remove from exposure and move to fresh air immediately. Get medical assistance if cough or other Symptoms appear.

Section 5. Firefighting Measures

**Upper explosion level:** N/A

**Lower explosion level:** N/A

**Extinguishing material:** CO<sub>2</sub>, dry powder or foam type extinguishers

**Special firefighting procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 6. Accidental Release Measures

**Upper explosion level:** N/A

**Lower explosion level:** N/A

**Extinguishing material:** CO<sub>2</sub>, dry powder or foam type extinguishers

**Special firefighting procedures:** Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Section 7. Handling and Storage

Handle according to good safety procedures, avoiding unnecessary exposure by wearing appropriate protective gear for the situation. Store in full closed containers in a cool dry area away from heat, light and sources of ignition.

Section 8. Exposure Controls / Personal Protection

Handle according to good safety procedures, avoiding unnecessary exposure by wearing appropriate protective gear for the situation. Store in full closed containers in a cool dry area away from heat, light and sources of ignition.

Section 9. Physical and Chemical Properties

**Physical state:** Liquid

**Appearance:** Pale yellow to amber liquid

**Odor:** Strong penetrating odor of oregano & pungent taste

**Refractive index:** 1.512

**Specific gravity:** 0.9527

**Solubility:** Insoluble

**pH:** N/A

**Vapor pressure (20°C):** N/A

**Vapor density:** N/A

**Flash point (Closed Cup):** 76.000°C

**Melting point:** N/A

**Boiling point:** N/A

**Auto-ignition temperature:** N/A

**Decomposition temperature:** N/A

**Evaporation rate:** N/A

**Odor threshold:** N/A

**Viscosity:** N/A

Section 10. Stability and Reactivity

**Chemical stability:** Stable

**Substances to be avoided:** Strong oxidizing agents, strong reducing agents

**Hazardous decomposition products:** Carbon monoxide, carbon dioxide

Section 11. Toxicological Information

**LD50 (Oral):** N/A

**LD50 (Dermal):** N/A

**LD50:** N/A

**Mutagenicity:** N/A

**Carcinogenicity:** N/A

**Reproductive Toxicity:** N/A

Section 12. Ecological Information

**Acute aquatic toxicity:** N/A

**Persistence and degradability:** N/A

**Bioconcentration factor:** N/A

**Mobility in soil:** N/A

**Results of PBT and VPVB assessment:** N/A

Section 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of product and contaminated packaging in accordance with all local, state, and federal environmental control regulations.

Section 14. Transport Information

**Tariff#:** 3301.29.5150

**Un/Na Id#:** UN2810

**DOT:** Tox. Liq, Organic NOS

**Hazard class:** 6.1

**Packing group:** III

**IMO:** Tox. Liq, Organic NOS

**IATA:** Tox. Liq, Organic NOS

Section 15. Regulatory Information

**International Regulations**

**Risk phrases:** 21/25, 34, 38, 51/53, 65, SAFETY

**Safety phrases:** 36/37, 62

**CAL prop 65:** No



**EPA TSCA:** Listed  
**SARA title 3:** No

Section 16. Other Information

**Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product.

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