



AROMA BANO

MATERIAL SAFETY DATA SHEET

Section 1: Chemical Product and Company Identification

Product Name: Oregano Essential Oil

CAS#: 84012-24-8

TSCA: Oregano Essential Oil

Synonym: Origanum Vulgare oil

Chemical Name: Oregano Essential Oil

Chemical Formula: Not available.

Contact Information: Aroma Bano di Sheykh Fallah, Via Capolago 1, 20133 Milan, Italy.

Section 2: Composition and Information on Ingredients:

Name : Oregano Essential Oil

CAS-No. : 84012-24-8

Carvacrol	65-85%
Para cymene	10-20%
Alpha-pinene	1-3%
Limonene	<1%
Alpha Terpinolene	<1%

Section 3: Hazards Identification

Classification according to GHS Regulation

Serious eye damage/eye irritation, Category 2 H319

Skin corrosion/irritation, Category 2 H315

Skin sensitisation, Category 1 H317

Aspiration hazard, Category 1 H304

Potential Acute Health Effects: Slightly hazardous in case of skin contact (irritant), of eye contact (irritant), of ingestion, of inhalation.

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Classified 4 (No evidence.) by NTP, None. by OSHA, None. by NIOSH.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

Repeated or prolonged exposure is not known to aggravate medical condition.

Section 4: First Aid Measures

Eye Contact: Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Cold water may be used. Get medical advice/attention.

Skin Contact: In case of contact, immediately flush skin with plenty of water. Cover the irritated skin with an emollient. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Serious Skin Contact: Wash with a disinfectant soap and cover the contaminated skin with an anti-bacterial cream. Seek immediate medical attention.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

Serious Inhalation: Not available. Get medical attention.

Ingestion: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed, call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.

Serious Ingestion: Not available.

Section 5: Fire and Explosion Data

Auto-ignition temperature: Non Available.

Flash Points: 72°C

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances:

Non-flammable presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available.

Risks of explosion of the product in presence of static discharge: Not available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY powder.

LARGE FIRE: Use water spray, Dry powder or foam. Do not use water jet.

Special Remarks on Fire Hazards: Not available

Special Remarks on Explosion Hazards: Not available.

Section 6: Accidental Release Measures

Small Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal.

Large Spill: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading on the contaminated surface and allow to evacuate through the sanitary system.

Section 7: Handling and Storage

Precautions: Keep away from heat. Empty containers pose a fire risk, evaporate the residue under a fume hood. Ground all equipment containing material. Do not ingest. Do not breathe gas/fumes/ vapor/spray. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. If ingested, seek medical advice immediately and show the container or the label. Avoid contact with skin and eyes. Keep away from incompatibles such as oxidizing agents.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors respective threshold limit value. Ensure that eyewash stations and safety showers are proximal to the work-station location.

Personal Protection: Splash goggles. Lab coat. Vapor respirator. Be sure to use an approved/certified respirator or equivalent. Gloves.

Personal Protection in Case of a Large Spill:

product. Personal protective equipment:

EN 420. EN 405. EN 374. EN 166.



Exposure Limits: Not available.

Section 9: Physical and Chemical Properties

Physical state and appearance: Liquid.

Odor: Characteristic.

Taste: Characteristic.

Molecular Weight: Not available.

Color: Colorless to light yellow.

pH (1% solv/water): Not available.

Boiling Point: 220 °C

Melting Point: Not available.

Critical Temperature: Not available.

Specific Gravity: 0.95 (Water = 1)

Vapor Pressure: 38 kPa (@ 20°C)

Vapor Density: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: soluble in alcohol

Section 10: Stability and Reactivity Data

Stability: The product is stable.

Reactivity: No additional information available

Conditions of Instability: Heat, ignition sources, incompatible materials, nearly empty containers.

Incompatibility with various substances: Reactive with oxidizing agents. Corrosivity: No danger reactions known.

Special Remarks on Corrosivity: Not available.

Polymerization: Will not occur.

Section 11: Toxicological Information

Acute toxicity (oral) : Harmful if swallowed.

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

Section 12: Ecological Information

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: Not available.

Special Remarks on the Products of Biodegradation: Not available.

Section 13: Disposal Considerations

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.

Ecology - waste materials : Avoid release to the environment. Hazardous waste due to toxicity.

Section 14: Transport Information IATA/CAO Hazard Class:

non-regulated

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

Dangerous for the environment : Yes

Transport hazard classes: Not regulated

Section 15: Other Regulatory Information

EU-Regulations

No REACH Annex XVII restrictions

Oregano Essential Oil is not on the REACH Candidate List

Oregano Essential Oil is not on the REACH Annex XIV List

Oregano Essential Oil is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July

2012 concerning the export and import of hazardous chemicals.

Oregano Essential Oil is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent

organic pollutants and amending Directive 79/117/EEC

Section 16: Other Information References:

Other Information References: Not available.

Other Special Considerations: Not available.

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