# Material Safety Data Sheet

## Organic Rosemary Oil

<table>
<thead>
<tr>
<th>1. <strong>Product Name and Company Identification</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Product Name:</strong></td>
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<tr>
<td><strong>Product Use:</strong></td>
</tr>
<tr>
<td><strong>Company Name:</strong></td>
</tr>
<tr>
<td><strong>Company Address:</strong></td>
</tr>
<tr>
<td><strong>Date Issued:</strong></td>
</tr>
<tr>
<td><strong>Emergency Telephone Number:</strong></td>
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</tbody>
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<table>
<thead>
<tr>
<th>2. <strong>Composition/Ingredient Information</strong></th>
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</thead>
<tbody>
<tr>
<td><strong>Ingredients:</strong></td>
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<tr>
<td><strong>CAS #:</strong></td>
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<tr>
<td><strong>FEMA #:</strong></td>
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</tbody>
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<table>
<thead>
<tr>
<th>3. <strong>Hazards Identification</strong></th>
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<tbody>
<tr>
<td><strong>Routes of Entry</strong></td>
</tr>
<tr>
<td><strong>Eye Contact:</strong></td>
</tr>
<tr>
<td><strong>Skin Contact:</strong></td>
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<tr>
<td><strong>Inhalation:</strong></td>
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<tr>
<td><strong>Ingestion:</strong></td>
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<tr>
<th>4. <strong>First Aid Measures</strong></th>
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<tr>
<td><strong>Eyes:</strong></td>
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<tr>
<td><strong>Skin:</strong></td>
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<tr>
<th>5. <strong>Fire Fighting Measures</strong></th>
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<tr>
<td><strong>Flash Point (Method Used):</strong></td>
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<tr>
<td><strong>Extinguishing Media:</strong></td>
</tr>
<tr>
<td><strong>Special Firefighting Procedures:</strong></td>
</tr>
<tr>
<td><strong>Unusual Fire &amp; Explosion Hazards:</strong></td>
</tr>
</tbody>
</table>
Hazardous Decomposition Materials: None

### 6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

**Personal Protection:**
- Avoid ingestion
- Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes.
- Wear eye protection, gloves and aprons. Ventilate area well.

**Methods for Cleaning Up:**
- Eliminate all sources of ignition
- Ventilate area
- Remove individuals without respiratory protection
- Spray material with water to prevent dusting
- Prevent liquid from entering sewers
- Small spills can be wiped up with paper rags (place in closed metal waste container)
- Large spills can be absorbed onto non-flammable absorbent.
- Wash area with soap and water.

### 7. HANDLING AND STORAGE

#### Handling

**Safe Handling:**
- Avoid ingestion
- Follow good industrial practice as to housekeeping, personal hygiene and avoidance of prolonged or repeated contact with the skin or eyes.
- Wear eye protection, gloves and aprons. Ventilate area well.

#### Storage

**Requirements for Storage Areas and Containers:**
- Store in an area that is cool, dry, and well-ventilated. Do not expose to temperatures over 35 degrees C.

### 8. EXPOSURE CONTROL/PERSONAL PROTECTION

**Threshold Limit Value:** Not established

**OSHA Permissible Limit:** Not established

**Work Practice Controls:**
- Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material:
  1. Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored.
  2. Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet.
  3. Wash exposed skin promptly to remove accidental splashes or contact with this material.

**Respiratory:**
- Avoid casual breathing of vapors

**Ventilation:**
- Local, mechanical exhaust in recommended

**Eye:**
- OSHA approved safety glasses

**Skin:**
- Wear chemical resistant gloves and clothing to avoid skin contact

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Liquid, Oil

**Color:** Colorless to pale yellow
Odor: Characteristic of rosemary leaves
Vapor Pressure (mm Hg.): Not available
Flash Point: 68°C/155°F (Tag Closed Cup)
Boiling Point: Not available
Melting Point: Not available
Specific Gravity (@20°C): 0.8940 to 0.9240
Refractive Index @ 20°C: 1.4507 to 1.4807
Solubility in Water: Insoluble

10. STABILITY AND REACTIVITY

Stability: This material is stable under normal conditions
Incompatibility (Materials to Avoid): Avoid contact with strong oxidizing agents and avoid hot work and sources of ignition on or near empty containers.
Conditions to Avoid: Avoid contact with sparks, flame and heat.
Hazardous Decomposition or Byproducts: CO, CO2, smoke and unidentified organic compounds may be formed during combustion.
Hazardous Polymerization: Will Not Occur

11. TOXICOLOGICAL INFORMATION

CAUTION: Liquid may be irritating to eyes and skin.
ACGIH TLV: None established
OSHA PEL: None established
Carcinogenicity: NTP Monograph: None established
IARC Monograph: None established
Acute Toxicity Data: Oral LD50: None established
Dermal LD50: None established
Inhalation LC50: None established
Health Hazards (Acute & Chronic): Ingestion of large quantities: None established
Inhalation: None established
Skin Contact: Liquid may be irritating
Eye Contact: Liquid may be irritating

Note: The above effects are based on evaluation of individual components, the relevancy to the mixture as a whole or to humans is unknown. Handling of this fragrance that results in inhalation of fumes, may cause severe adverse health effects.

12. ECOLOGICAL INFORMATION

No information

13. DISPOSAL CONSIDERATIONS

Waste Disposal Methods: Dispose of according to local, state and federal regulations.

14. TRANSPORT INFORMATION

Proper Shipping Name: Terpene Hydrocarbons, N.O.S. (Terpenes)
UN#: 2319
UN Package Group: III
ERG#: 128
Air/Steamer Transport Information:

Class
Air: 3
Steamer: 3

Required Labels: Flammable Liquid

HMIS:
Health: 1  Flammability: 2  Reactivity: 0  Personal Protection: B

15. REGULATORY INFORMATION

R-Phase: 10-43-50/53-65-68/22
S-Phase: 24-37-61-62

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous under normal conditions of use.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.