

## Material Safety Data Sheet Rosemary Oleoresin Extract

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### 1. Chemical Product and Company Identification

**Product Name:** Rosemary Oleoresin Extract  
**Chemical Name:** Not applicable  
**CASRN:** 84604-14-8  
**Emergency Numbers:** Chemtrec 800-424-9300

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### 2. Physical and Chemical Properties

**Appearance:** Clear, brown liquid  
**Odor:** Slight odor  
**Solubility in Water:** Slight  
**Specific Gravity:** N/A  
**Boiling Point:** N/A  
**Flash Point:** Greater than 100°C (212°F)  
**Vapor Density:** N/A  
**Vapor Pressure (mm Hg):** N/A

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### 3. Fire and Explosion Hazard

**Extinguishing Media** Alcohol-type foam, carbon dioxide, dry chemical.  
**Risks Arising from Combustion** None.  
**Protective Equipment** Self-contained breathing apparatus.

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### 4. Reactivity Data

**Stability:** Stable  
**Materials to avoid:** Strong oxidizers  
**Hazardous decomposition products:** Carbon monoxide, carbon dioxide and smoke on combustion

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### 5. Health Hazard Assessment

**General:** No toxicity information is available on this specific preparation; this health hazard assessment is based on information that is available on the properties of its components.

**Acute Toxicity:** N/A  
**Skin Contact:** Not expected to be a skin irritant  
**Eye Contact:** Temporary irritation is likely to develop following contact with human eyes.  
**Inhalation:** No toxic effects are known to be associated with inhalation of vapors from this material.  
**Ingestion:** The acute oral LD50 in rat is probably above 40,000 mg/kg. Relative to other materials, this material is classified as "relatively harmless: by ingestion.

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## 5. Health Hazard Assessment con't

### FIRST AID PROCEDURES

<b>Skin Contact:</b>	Wash material off skin with soap and water
<b>Eye Contact:</b>	Immediately flush eyes with water for 15 min.
<b>Inhalation:</b>	Remove victim to fresh air.
<b>Ingestion:</b>	Seek medical attention if symptoms develop.

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## 6. Spill or Leak Procedures

<b>Personal Precautions:</b>	None necessary.
<b>Environmental precautions:</b>	Biodegradable product.
<b>Methods for Cleaning:</b>	Absorb by inert material.

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## 7. Special Protection Information

<b>Engineering Measures:</b>	Not needed for normal use.
<b>Personal Protection Equipment:</b>	Not needed for normal use.
<b>Control Parameters:</b>	Not needed for normal use.
<b>Eye Protection:</b>	Goggles, if required
<b>Hand Protection</b>	Gloves, if required
<b>Hygiene Measures:</b>	N/A

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## 8. Handling and Storage

<b>Handling:</b>	Avoid container damage.
<b>Storage:</b>	Store in a cool, dry place.
<b>Disposal:</b>	If possible recover the product, otherwise dispose of in an authorized landfill or incinerate in accordance with local regulations.

Use according to criteria of good industrial practice, avoid dispersion in the environment.  
This product is not considered dangerous.

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## 9. Other Information

**HEALTH – 0**  
**FLAMMABILITY – 1**  
**REACTIVITY – 0**

### Disclaimer:

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