

**Material Safety Data Sheet**  
**Rosemary Essential Oil**

**1. Product and Supplier**

Product Name	Rosemary Essential Oil
Supplier	ASES Chemical Works Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India Ph: +91-9636889954 Email : ecom@ases.in      Website : www.ases.in

**2. Composition and Ingredients**

Composition	100% Steam distilled essential oil of Geranium Rosmarinus officinalis
Hazardous	Components Essential oil and derivatives
INCI Name	Rosmarinus officinalis
CAS No	8000-25-7

**3. Hazardous Identification**

Skin contact	May cause irritation to lungs and throat upon prolonged exposure
Eye contact	Irritation may occur
Inhalation	may cause irritation and anesthetic effect
Ingestion	Hazard not known

**4. First Aid Measures**

Skin contact	Remove contaminated clothing. Wash with soap and flush with plenty of water. Seek medical attention if irritation persists
Eye contact	Remove contaminated clothing. Wash with soap and flush with plenty of water. Seek medical attention if irritation persists.
Ingestion	Administer water or milk to dilute. Seek medical attention immediately or call a poison control centre.
Inhalation	Remove to fresh air and seek medical attention if needed

**5. Fire Fighting Measures**

Extinguishing Media	Dry Chemical, Carbon Dioxide, Foam
Flash point	240° C Closed Cup
Unusual Fire & Explosion Hazard	None
Special Firefighting Procedures	Firefighters should wear positive pressure self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Cool containers exposed to flame with water. Spray extinguishing media directly into base of fire.
Hazardous Combustion Products	None

**6. Accidental Release Measures**

Personal Protection	<ul style="list-style-type: none"> <li>• Chemical splash goggles should be worn.</li> <li>• If in a confined area, a certified/approved vapor respirator should be used.</li> <li>• Remove individuals if they do not have respiratory/dust protection.</li> <li>• Wear protective clothing and chemical-resistant gloves.</li> </ul>
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## Methods for Cleaning Up

- Remove any source of flame or sparks.
- Ventilate area
- Prevent liquid from entering the sewers.
- Recover spilled material with a pump or absorb onto an inert, absorbent substrate and sweep up.
- Dispose of materials used to absorb spill in accordance with regulations.
- Wash area with soap and water.

## 7. Handling and Storage

### Handling

- Wear safety glasses and chemical-resistant gloves.
- Keep away from oxidizing agents, excessive heat, light, and sources of ignition.
- During the incorporation of the product, it must be held at relatively low temperatures. In the event of the need for rising in temperature, it must be limited to as short a time as possible. Do not inhale hot vapours.

### Storage: Requirements for Storage Areas and Containers

- Store in a cool, dry location, in a sealed container in a well-ventilated area away from sources of ignition.

## 8. Exposure Controls and Personal Protection

Threshold Limit Value	NA
OSHA Permissible Limit	NA
Ventilation	Local, mechanical exhaust is recommended
Eye	OSHA-approved safety glasses
Skin	Wear chemical-resistant gloves and clothing to avoid skin contact
Engineering Controls	An eye wash station and safety showers are recommended near the work area.
Work Practice Controls	Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when 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 to remove accidental splashes or contact with this material.

## 9. Physical Data and Chemical Properties

Physical State	Liquid
Colour	Clear pale yellow
Odor	Characteristic of rosemary herby, spicy, warm
Vapor Pressure (mm Hg.)	NA
Flash Point	>40° C Tag Closed Cup
Optical Rotation @ 20°C	-18° to -8°
Boiling Point	NA
Melting Point	NA
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 Polymerization	Will not Occur
Reactivity	Material does not react with water

### 11. Toxicological Information

CAUTION	Liquid may be irritating to eyes and skin.
ACGIH TLV	None established
OSHA PEL	None established
Carcinogenicity	NTP Monograph: Not Listed as Carcinogenic IARC Monograph: Not Listed as Carcinogenic

Acute Toxicity Data	Oral LD50:	NA
	LD50:	NA
	Inhalation LC50:	None established
	Ingestion of large quantities:	Not known
	Inhalation:	Not known

Health Hazards (Acute & Chronic)	Skin Contact:	Liquid may be irritating
	Eye Contact:	Liquid may be irritating

Note: The above effects are based on the 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.
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### 14. Transport Information

Proper Shipping Name	Not regulated
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### 15. Regulatory Information

No Information

### 16. Other Information

This information is provided for documentation purposes only. 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.