

Material Safety Data Sheet



Sultan Healthcare

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FOR CHEMICAL EMERGENCY: CALL INFOTRAC 1-800-535-5053 24 Hrs. per day, 7 days per week

Outside the United States call collect 1-352-323-3500

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Q-Form 10-111b, Rev. E

1. Chemical Identification

Common Name: Eugenol, USP

Ref #: 10511 (1/2 oz) 10502 (1 oz), 10504 (4 oz), 10505 (8 oz), 10506 (16 oz) & 10507 (1 gal)

2. Composition/Information on Ingredients

Eugenol USP CAS # 97-53-0 Percent: 100 %

3. Hazards Identification

This material is an aromatic chemical. Eugenol is irritating to the eyes. Repeated contact may cause allergic dermatitis. Swallowing may cause severe tissue damage.

4. First Aid Measures

Eye Contact: Wash eyes by normal first aid methods.

Skin Contact: Wash with soap and cold water.

Inhalation: Remove person to well ventilated area.

Ingestion: Seek medical attention immediately.

5. Fire Fighting Measures

Flash Point and Method: 252 F, closed cup

Extinguishing Media: Carbon dioxide, dry chemical or foam

Special Fire Fighting Procedures: Cool containers exposed to flame with water

Unusual Fire and Explosion Hazards: N/A

6. Accidental Release Measures

Wipe small spills with paper and place into a metal waste container. For large spills, use non-flammable absorbent.

7. Handling and Storage

Store in tightly sealed containers in cool dry area. Do not expose to temperatures above 35 C.

8. Exposure Controls/Personal Protection

Respiratory Protection: Avoid casual breathing

Eye Protection: Use OSHA approved Safety Glasses

Exhaust Required: Local exhaust recommended (explosion proof)

Skin: Protective Gloves

Special Protective Clothing: Follow good industrial practice

9. Physical and Chemical Properties

Appearance: Colorless to pale yellow oily liquid which darkens and thickens when exposed to air.

Odor: Cloves; pungent and spicy taste

Solubility in Water: Insoluble

Boiling Point (° C): 254

Melting Point (° C): - 9

Vapor Pressure (mm Hg @ 20 C): 0.009

Specific Gravity (H₂O = 1): 1.064 @ 25 C

10. Stability and Reactivity

Stability: Stable

Materials to Avoid: Strong oxidizing agents

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Dioxide upon burning

Conditions to Avoid: Excessive heat

11. Toxicological Information:

LD₅₀ orally in rats: 2680 mg/kg

12. Ecological Information

No data available

13. Disposal Considerations:

Dispose of in accordance with all local, state, and federal regulations.

14. Transit Information

Not DOT regulated

15. Regulatory Information

This mixture contains the following toxic chemicals subject to the reporting requirements of Section 313 of Title III of Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

16. Other Information:

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. In no event will the manufacturer or the distributor be responsible for damages of any nature whatsoever resulting from the use of or reliance upon this information. General properties are to be regarded as guidelines and are not guaranteed for all samples.