

# Material Safety Data Sheet



Sultan Healthcare

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EU Auth. Rep. (MDD 93/42/EEC)

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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**

**Date Reviewed: May 19, 2008**

Q-Form 10-111, Rev. D

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## 1. Chemical Identification

Common Name: Beechwood Creosote  
Ref #: 10201 1 oz.

## 2. Composition/Information on Ingredients

Beechwood Creosote CAS# 8021-39-4 Percent: 100%  
Beechwood Creosote is a mixture of guaiacol, creosol and other phenolic compounds obtained from beechwood tar by distillation (mostly between 203 and 220 C).

## 3. Hazards Identification

Toxic on inhalation, on contact with skin and on ingestion.  
Corrosive.

## 4. First Aid Measures

**Eye Contact:** Flush eye with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids with fingers. Call a physician.  
**Skin Contact:** Immediately wash skin with soap and copious amounts of water. Remove contaminated clothing.  
**Inhalation:** If inhaled, remove to fresh air. If breathing becomes difficult, call a physician.  
**Ingestion:** If swallowed, wash out mouth with water provided the person is conscious. Call a physician.

## 5. Fire Fighting Measures

**Flash Point and Method:** Approx. 90 C  
**Extinguishing Media:** Foam, dry chemical powder or carbon dioxide  
**Special Fire Fighting Procedures:** The use of self-contained breathing apparatus is recommended for fire fighters.  
**Unusual Fire and Explosion Hazards:** None

## 6. Accidental Release Measures

Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves. Spilled material should be contained by embankments of sand, soil or similar inert absorption material. Ventilate area and wash spill site after material pickup is complete. Do not discharge into drains or environment.

## 7. Handling and Storage

**Handling:** Mechanical ventilation and point evacuation must be used. Avoid direct contact. Emergency showers and eye rinsing stations must be available at the workplace.  
**Storage:** Store in tightly closed containers in cool and well-ventilated area. Discolors easily on exposure to light.

## 8. Exposure Controls/Personal Protection

**Respiratory Protection:** Required  
**Eye Protection:** Safety goggles, possibly face shield  
**Protective Gloves:** Required  
**Special Protective Clothing:** Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

## 9. Physical and Chemical Properties

**Appearance:** Colorless or slightly yellowish, oily liquid  
**Odor:** Characteristic smoky smell  
**Solubility in Water:** @ 20 C: < 0.1 Wt %  
**pH (@ 25 °C):** 7- 8  
**Boiling Point (° C):** 200 - 240  
**Melting Point:** < - 20 C  
**Vapor Pressure (mm Hg @ °C):** < 0.5  
**Density:** 1.080 kg/m<sup>3</sup>  
**Vapor Density (Air = 1):** 3.2 (reference to phenol)

## 10. Stability and Reactivity

**Stability:** Forms heat on reaction with ethylene oxide, formaldehyde, acetaldehyde and hypochlorite.  
**Hazardous Polymerization:** Combustion releases toxic gas of carbon monoxide and carbon dioxide.  
**Hazardous Decomposition Products:**  
Conditions to Avoid: Do not prepare with oxidizing agents, bases or strong acids.

## 11. Toxicological Information:

**Acute:** Mice LD50, 433 mg/kg  
**Inhalation:** Fumes may irritate the respiratory system  
**Skin:** May give rise to slow healing wounds if not properly treated.  
**Eye:** Causes severe pain and swollen eyelids. Risk permanently severe impaired vision.  
**Ingestion:** Causes burning pain in the mouth and throat, abdominal pains, vomiting, unconsciousness, and in extreme cases heart failure.

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## 12. Ecological Information

### Fish

Phenol: TLm/96h 11.5 – 28.5 mg/l (Flathead minnow)

Cresols: TLm/24h 15.4 – 21 mg/l

Xylenols: Trout death at 7.9 mg/l

### Daphnia

Phenols: EC50 12 mg/l

Cresols: EC50 2-25 mg/l

### Algae

Phenol: Toxic threshold 7.5 mg/l

Cresols: Toxic threshold 11 – 15 mg/l

## 13. Disposal Considerations:

Dispose of all clean-up materials and any contaminated equipment in accordance with all applicable federal, state and local regulations.

## 14. Transit Information

### Domestic ground & air

Proper Shipping Name: N/A

Hazard Class: 6.1 Subsidiary Class: 8

Remarks: Qualifies for 49 CFR 173.4 small quantity exceptions. Each bottle is wrapped in cushioning/absorbent material within cardboard box.

### Ocean/International Air

Proper Shipping Name: Cresols, Liquid

Hazard Class: 6.1 Subsidiary Class: 8

Identification#: UN2076

Packaging Group: II

Placard: Toxic Subsidiary Placard: Corrosive

## 15. Regulatory Information

R-phrase: R24/25-34 Toxic on contact with skin and if swallowed. Causes burns.

S-phrase: S 28-36/37/39-45

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations* and the MSDS contains all the information required by the *Controlled Products Regulations*.

## 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.