# Material Safety Data Sheet

**BENZENE**

**ICSC #** 0015  
**CAS #** 71-43-2  
**RTECS #** CY1400000

<table>
<thead>
<tr>
<th>TYPES OF EXPOSURE</th>
<th>ACUTE HAZARDS/ SYMPTOMS</th>
<th>PREVENTION</th>
<th>FIRST AID/FIRE FIGHTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highly flammable.</td>
<td>NO open flames, NO sparks, and NO smoking.</td>
<td>Closed system, ventilation, explosion-proof electrical equipment and lighting. Do NOT use compressed air for filling, discharging, or handling. The non-sparking hand tools. Prevent buildup of electrostatic charges (e.g., by grounding).</td>
<td>In case of fire: keep drums, etc., cool by spraying with water.</td>
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**ADVERSE EFFECTS TO ENVIRONMENT**: None known.

**INHALATION**: Dizziness, Drowsiness, Headache, Nausea, Shortness of breath, Convulsions, Unconsciousness.

Avoid all contact.

**FIRST AID**

- Fresh air, rest. Refer for medical attention.
- Never give anything by mouth. Refer for medical attention.
- First rinse with plenty of water for several minutes (removes contact lenses if easily possible), then take to a doctor.

**SPILLAGE DISPOSAL**

- Clean up spillage sources. Collect leaking and spilled liquid in suitable containers as far as possible. Absorb remaining liquid in sand or sawdust and remove to safe place. Do NOT wash away into sewer. Do NOT let this chemical enter the environment.

**PACKAGING & LABELING**

- Do not use this container or package for any other substance.
- Explosive Oxidizer
- Not classified as a hazardous material package
- Labeling: Not required.

**STORAGE**

- Fireproof. Separated from food and feedstuffs oxidants and halogen.

**EC #** 601-020-00-8  
**UN #** 1114

**Molecular mass:** 78.1

**Formula:** C₆H₆