

MSDS

Phenol 5 to 89%

Section 1: Identification*Product Name:* Phenol 5 to 89%**CORROSIVE***Product Catalog No:* 400505, 400506, 400508, 400509*Emergency Phone at Infotrac:* (800) 535-5053*Date Prepared:* 05/22/02**Section 2: Composition**

Hazardous Component(s):	CAS Number	OSHA PEL, ACGIH TLV/STEL (PPM)	NFPA
Phenol	108-95-2	5 ppm	Health 3 Flammability 0 Reactivity 0

Section 3: Physical Data

<i>Boiling Point:</i>	~ 212 °F	<i>Specific Gravity (H₂O = 1):</i>	>1
<i>Vapor Pressure mm Hg/20°C:</i>	NR	<i>Percent Volatile by Vol:</i>	1%
<i>Vapor Density (Air 1:1)</i>	NR	<i>Evaporation Rate (ether = 1):</i>	>NR
<i>Solubility in H₂O:</i>	Complete	<i>Appearance & Odor:</i>	Clear liquid, phenolic odor

Section 4: Fire and Explosion Hazard*Flash Point:* 62°F*Flammable Limits:* LEL: NA UEL: NA*Extinguishing Media:* Water spray, dry chemical, CO₂ and foam*Special Firefighting Procedures:* Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation. Do not use direct water stream*Unusual Fire & Explosion Hazards:* Eliminate potential sources of ignition.**Section 5: Reactivity***Stability:* Stable *Material to Avoid:* Strong oxidizers and acids*Hazardous Decomposition or Byproducts:* Oxides of carbon*Hazardous Polymerization:* Does not occur *Conditions to Avoid:* Excessive heat**Section 6: Health Hazards***Routes of Entry:* Inhalation, skin and ingestion*Acute:* Vapors may cause eyes, skin and respiratory irritation. Poisonous and caustic!*Chronic:* Repeated exposure may cause general deterioration of health by accumulation. Systemic toxicity.*Carcinogenicity:* Not classified as a human carcinogen*Signs/Symptoms of Exposure:* Respiratory irritation, difficulty in breathing, burning of eyes and skin.**For Technical Service Call 800-638-2625**

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Section 6: Health Hazards cont'd

Emergency First Aid:

- Skin:** Remove contaminated clothing and wash affected area with soap and water.
- Eyes:** Thoroughly flush eyes with water. Contact a physician if irritation persists.
- Ingestion:** Rinse mouth thoroughly with water provided person is conscious. Contact a physician.
- Inhalation:** Remove person to fresh air. If not breathing, give artificial respiration and contact a physician.

Section 7: Safe Handling

Chemical Release or Spill: Isolate the spill area with sand or other absorbent material. Place all contaminated material in closed container for proper disposal.

Waste Disposal Method: All liquid and/or contaminated material should be disposed of in DOT approved waste containers. Incineration for liquids is the suggested method of disposal. Comply with all Federal, State and Local regulations for disposal.

Precautions for Handling and Storage: Normal handling and liquid storage for liquids. Avoid excessive heat.

Section 8: Control Measures

Respiratory Protection: Not normally required. If used in a poorly ventilated area use under an approved fume hood or NIOSH respirator.

Ventilation: Mechanical exhaust is sufficient.

Protective Gloves: Chemical resistant. *Eye Protection:* Safety glasses.

Other Protective Clothing or Equipment: Normal laboratory apparel suggested by Good Laboratory Practices.

Work/Hygienic Practices: Wash thoroughly with soap and water after handling.

The information listed here is believed to be correct and does not purport to be all-inclusive and shall be used only as a guide. HealthLink shall not be held liable for any damage resulting from handling or contact with this product.

HealthLink
3611 St. Johns Bluff Rd. So. Ste. 1
For Technical Service Call 800-638-2625