



## Material Safety Data Sheet Phenol MSDS

### Section 1: Chemical Product and Company Identification

**Product Name:** Phenol

**Contact Information:**

**CAS#:** 108-95-2

**ProChem, Inc.**  
826 Roosevelt Rd.  
Rockford IL 61109

**RTECS:** SJ3325000

(800) 795-8788

**TSCA:** TSCA 8(b) inventory: Phenol

**CHEMTREC (24HR Emergency Telephone), call:**  
1-800-424-9300

**CI#:** Not available.

**International CHEMTREC, call:** 1-703-527-3887

**Synonym:** Monohydroxybenzene; Benzenol; Phenyl hydroxide; Phenylic acid

**For non-emergency assistance, call:** 1-281-441-4400

**Chemical Name:** Carbolic Acid

**Chemical Formula:** C<sub>6</sub>H<sub>5</sub>OH

### Section 2: Composition and Information on Ingredients

**Composition:**

Name	CAS #	% by Weight
Phenol	108-95-2	100

**Toxicological Data on Ingredients:** Phenol: ORAL (LD50): Acute: 317 mg/kg [Rat]. 270 mg/kg [Mouse]. DERMAL (LD50): Acute: 630 mg/kg [Rabbit]. 669 mg/kg [Rat].

### Section 3: Hazards Identification

**Potential Acute Health Effects:**

Very hazardous in case of skin contact (corrosive, irritant), of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (sensitizer, permeator). The amount of tissue damage depends on length of contact. Eye contact can result in corneal damage or blindness. Skin contact can produce inflammation and blistering. Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing. Severe over-exposure can produce lung damage, choking, unconsciousness or death. Inflammation of the eye is characterized by redness, watering, and itching. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

**Potential Chronic Health Effects:**

**CARCINOGENIC EFFECTS:** A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC.

**MUTAGENIC EFFECTS:** Mutagenic for mammalian somatic cells. Mutagenic for bacteria and/or yeast.

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