

MATERIAL SAFETY DATA SHEET

Phenol Solutions 2 OF 3

Section VII: FIRST AID MEASURES

Emergency First Aid: In all cases, seek qualified evaluation.

Skin: Remove contaminated clothing. Wash affected area with soap and water.

Eyes: Thoroughly flush eyes with water. Contact a physician if irritation persists.

Ingestion: Rinse mouth with water, provided person is conscious and contact a physician.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration and contact physician.

Section VIII: DISPOSAL CONSIDERATIONS

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.

Section IX: ACCIDENTAL RELEASE MEASURES

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

Section X: HANDLING AND STORAGE

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

Safety Storage Code: General

Section XI: EXPOSURE CONTROL/PERSONAL PROTECTION

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

Section XII: TOXCOLOGICAL INFORMATION

LD50 Oral: Rat 317/mg/kg (Phenol)

LD50 Inhalation: Rat 316mg/m³ (Phenol) details of toxic effects not reported other than lethal dose value

LD50 Dermal: Rat 669mg/kg (Phenol) behavioral, kidney, ureter, bladder, skin effects noted, investigated as a tumorigen.

Section XIII: ECOLOGICAL INFORMATION

Ecotoxicological Information: Phenol has moderate acute and chronic toxicity to aquatic life. Insufficient data is available to predict the short term and long term effects of Phenol to plants, birds or land animals.

Chemical Fate Information: Phenol is slightly persistent in water, with a half life between 2 and 20 days.

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Section XIV: TRANSPORT INFORMATION

Requirements: These products are not regulated.

Section XV: REGULATORY INFORMATION (Not meant to be all inclusive-selected regulation represented)

OSHA Status: These items meet the OSHA Hazardous Communication Standard (29 CFR 1910.1200) definition of a hazardous material.

TSCA Status: All components of this solution are listed on the TSCA Inventory or are mixtures (hydrates) of items listed on the TSCA Inventory.

SARA Title III:

Section 302 Extremely Hazardous Substances: Not applicable

Section 311/312 Hazardous Categories: Acute: Yes, Chronic, Fire, Pressure, Reactivity: No

Section 313 Toxic Chemicals: Not applicable

California: None reported

Pennsylvania: Phenol is listed as an Environmental Hazard on the state's Hazardous Substances List.

RCRA Status: Not applicable

CERCLA Reportable Quantity: Phenol – 1000 pounds.

WHMIS: D-2B Poisonous and infectious Material. Materials causing other toxic effects – Toxic Material.

Section XVI: OTHER INFORMATION

NFPA Ratings: Health: 1, Flammability: 0, Reactivity: 0, Special Notice Key: None

HMIS Ratings: Health : 1, Flammability: 0, Reactivity: 0, Protective Equipment: B (protective eyeware/gloves)

The above information is believed to be correct but 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.

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