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**Section VI: HEALTH HAZARDS**

*Routes of Entry:* Inhalation, Skin and Ingestion

*Target Organs:* Respiratory system

*Acute/Chronic:* Solution as offered will not cause a high level of health risk, however, it will burn eyes and result in skin irritation. Chlorine vapors are relatively low.

*Carcinogenicity:* Not classified as a human carcinogen.

*Signs/Symptoms of Exposure:* Skin, eyes and possible respiratory irritation.

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\*\*\*\*\**Emergency First Aid*\*\*\*\*\*

*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.

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**Section VII: SAFE HANDLING**

*Chemical Release or Spill:* Wear full protective clothing especially NIOSH approved respirator. Isolate the spill area with sand, or other absorbent material. Neutralize with sodium carbonate. Place all contaminated material in a closed container for proper disposal.

*Waste Disposal Method:* All liquid and or contaminated material should be disposed of in DOT approved waste containers. Comply with all Federal, State and Local regulations for disposal.

*Precautions for Handling and Storing:* Store in acid safety cabinet. Avoid excessive heat.

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**Section VIII: CONTROL MEASURES**

*Respiratory Protection:* NIOSH approved respirator required.

*Ventilation:* Exhaust hood system for corrosives

*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.

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