

### SECTION 1 – COMPANY NAME

CHEMCO CORPORATION  
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### EMERGENCY RESPONSE

CHEMTEL: (800) 255-3924

Hazard Rating	Scale	
Health	1	0=Minimal 1=Slight
Flammability	0	2=Moderate
Reactivity	0	3=Serious 4=Severe

### COMPOSITION / INFORMATION

### SECTION 2 – ON INGREDIENTS

CAS Names	CAS No.	OSHA PEL	ACGIH TLV
Potassium Mydroxide	1310-58-3	N/A	N/A
Sodium Metasilicate	6838-92	N/A	N/A

### SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

**BOILING POINT:** 220°F      **SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.2  
**VAPOR PRESSURE:** N/D      **MELTING POINT:** N/A  
**VAPOR DENSITY:** N/D      **EVAPORATION RATE:** N/D  
**SOLUBILITY IN WATER:** Complete      **pH:** 12-13  
**APPEARANCE and Odor:** Clear, water white solution, no odor  
**V.O.C. - None**

### SECTION 4 – FIRE & EXPLOSION HAZARD DATA

**FLASH POINT:** None      **FLAMABLE LIMITS:**  
LEL: None      UEL: None  
**EXTINGUISHING MEDIA:** Non combustible  
**FIRE FIGHTING PROCEDURES:** N/A  
**FIRE & EXPLOSION HAZARD:** N/A

### SECTION 5 – STABILITY AND REACTIVITY

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** Avoid Freezing  
**INCOMPATIBLY:** None Known  
**HAZARDOUS DECOMPOSITION:** None Known  
  
**HAZARDOUS POLYMERIZATION:** Will not occur  
**CONDITIONS TO AVOID:** Use only as label directions indicate

### SECTION 6 – HEALTH HAZARD DATA

**ROUTE(S) OF ENTRY:**

**INHALATION:** No  
**SKIN:** No  
**INGESTION:** Yes  
**Carcinogenicity:** No      **NTP:** No  
**IARC Monographs:** No      **OSHA Regulated:** No

**HEALTH HAZARDS (Acute and Chronic):**

**Signs and Symptoms of Exposure:**

**EYES:** Irritation, tearing, and blurred vision.  
**SKIN:** Irritation  
**INHALATION:** Gastric upset  
**CHRONIC:** None known

### SECTION 6 – HEALTH HAZARD DATA (Cont'd)

**Medical Conditions Generally Aggravated by Exposure:** None known.

**Emergency First Aid Procedures:**

**EYES:** Flush with water for 15 minutes. If irritation persists, seek medical aid.

**SKIN:** Wash with water. Remove contaminated clothing and launder before reuse.

**INGESTION:** Drink large amounts of water, get prompt medical attention.

**INHALATION:** Not applicable

### SECTION 7 – SAFE HANDLING AND STORAGE

**Steps to be Taken in Case of Accidental Release or Spill**

Flush area with plenty of water.

**Waste Disposal Method**

Waste resulting from use may be disposed of on site.

**Precautions to be Taken in Handling and Storage**

Keep from freezing.

**Other Precautions**

Keep covered when not in use.

### SECTION 8 – CONTROLS / PERSONAL PROTECTION

**RESPIRATION PROTECTION:** Not required

**VENTILATION:** General ventilation

**PROTECTIVE GLOVES:** Recommended

**EYE PROTECTION:** Recommended

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Not required

**WORK/HYGENIC PRACTICES:**

### SECTION 9 – OTHER INFORMATION

**MSDS STATUS:** Revised 07/22/05

**PREPARED BY:** Jay Chapin, Chemco Corporation

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