

SECTION 1 – COMPANY NAME

CHEMCO CORPORATION
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EMERGENCY RESPONSE

CHEMTEL: (800) 255-3924

Hazard Rating	Scale	
	0=Minimal	
Health 2	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
Glycolic acid	79-14-1		
Phosphoric acid	7664-38-2		

SECTION 3 – PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	>212°F	SPECIFIC GRAVITY (H₂O=1):	9.67
VAPOR PRESSURE:	N/D	MELTING POINT:	N/A
VAPOR DENSITY:	N/D	EVAPORATION RATE:	N/D
SOLUBILITY IN WATER:	Complete		
APPEARANCE and Odor:	Clear liquid – Slight, characteristic odor		
VOC:	0%	pH:	2

SECTION 4 – FIRE & EXPLOSION HAZARD DATA

FLASH POINT:	No flash found at the boiling point		
FLAMMABLE LIMITS:			
LEL:	N/A	UEL:	N/A
EXTINGUISHING MEDIA:	This is a water-based material: not expected to burn.		
FIRE FIGHTING PROCEDURES:	No special equipment		
FIRE & EXPLOSION HAZARD:	None known		

SECTION 5 – STABILITY AND REACTIVITY

STABILITY:	Stable
CONDITIONS TO AVOID:	Avoid contact with strong oxidizing agents
INCOMPATIBILITY:	Soap products and strong alkalis
HAZARDOUS DECOMPOSITION:	Oxides of carbons.
HAZARDOUS POLYMERIZATION:	Will not occur
CONDITIONS TO AVOID:	Use only as label directions indicate

SECTION 6 – HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

INHALATION:	Possible if fogged
SKIN:	Possible
INGESTION:	Possible

HEALTH HAZARDS (Acute and Chronic):

Inhalation: Severe respiratory effects. Eyes and skin: Severe chemical burns in concentrate. Ingestion: May be fatal if concentrate is taken internally.
Chronic: None Listed.

SECTION 6 – HEALTH HAZARD DATA (Cont'd)

Carcinogenicity:		NTP:	No
IARC Monographs:	No	OSHA Regulated:	No

Signs and Symptoms of Exposure:

EYES:	Irritation and chemical burns
SKIN:	Irritation and chemical burns
INHALATION:	Respiratory irritation
INGESTION:	Gastric upset

Medical Conditions Generally Aggravated by Exposure:

Aggravation of existing dermatitis

Emergency First Aid Procedures:

EYES:	Flush with water for 15 minutes. If irritation persists, seek medical aid.
SKIN:	Flush with water. Remove contaminated clothing and launder before reuse.
INGESTION:	Drink milk, egg whites, gelatin solution or large amounts of water. Get prompt medical attention. Do not induce vomiting.
INHALATION:	Move subject to fresh air.

SECTION 7 – SAFE HANDLING AND STORAGE

Steps to be Taken in Case of Accidental Release or Spill

Flush area with plenty of water. Product is biodegradable in low concentration.

Waste Disposal Method

Flush with plenty of water. Product is biodegradable in biological waste treatment plant

Precautions to be Taken in Handling and Storage

Store in a cool dry area. KEEP OUT OF REACH OF CHILDREN

Other Precautions

Rinse Hands after use. If spilled on clothing remove and wash before re-use.

SECTION 8 – CONTROLS / PERSONAL PROTECTION

RESPIRATION PROTECTION:	Not required unless material is atomized with fogger
VENTILATION:	N/A
PROTECTIVE GLOVES:	Wear non-absorbent when handling concentrate.
EYE PROTECTION:	Goggles/face shield when handling concentrate
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:	Not required (remove clothing contaminated with product and clean before re-use).
WORK/HYGENIC PRACTICES:	Wash hands before using restroom or eating.

SECTION 9 – OTHER INFORMATION

MSDS STATUS: Revised 04/27/04

PREPARED BY: Jay Chapin, Chemco Corporation

The information herein given in good faith has been prepared so to comply with ANSI Z400.1 Standard, for the preparation of Material Safety Data Sheets. No warranty, express or implied, is made.

N/A = Not Applicable

N/D = Not Determined