

Chem-Sol**Section 1: MANUFACTURER/PREPARER INFORMATION & HAZARD WARNINGS**

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DATE ISSUED/REVISED
May 26, 2003

LAST VALIDATED ON
Aug 2, 2010

WHMIS HAZARD SYMBOLS & DEFINITIONS

Class D-2: Poisonous & infectious material: other toxic effects

Section 2: HEALTH HAZARD DATA**ROUTES OF ENTRY/SIGNS & SYMPTOMS OF ACUTE EXPOSURE:**

EYES: May cause irritation **SKIN:** May cause rash or redness from prolonged contact without washing.
INHALATION: N/A. **INGESTION:** Harmful if swallowed.

Chronic Effects: None. **Carcinogens:** None. **Medical Conditions Aggravated by Exposure:** None.

EMERGENCY & FIRST AID PROCEDURES:

EYES: If splashed in eyes, flush with plenty of water for 15 minutes and call a physician at once. **SKIN:** If splashed skin, flush with plenty of water for 15 minutes and call a physician at once. **INHALATION:** Remove victim to fresh air. **INGESTION:** Drink plenty of water. INDUCE VOMITING and call a physician at once.

Section 3: PREVENTATIVE MEASURES

Respiratory Protection: NIOSH-approved respirator if required

Ventilation: Local exhaust

Gloves: Rubber, Neoprene. **Eye Protection:** Safety glasses or goggles. **Other Protective Measures:** Rubber suit and/or boots as required by situation.

Work/Hygienic Practices: Standard industrial hygiene practices

Handling and Storing: Handle with care. Store in a well ventilated area. Do not expose to temperatures above 49°C.

KEEP OUT OF THE REACH OF CHILDREN AND ANIMALS.

N/A=Not Applicable. N/E=Not Evaluated/Established. N/R=Not Reported by Manufacturer.

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Section 4: HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Hazardous Component Name	CAS #	OSHA PEL	ACGIH-TLV	Other Limit	% Wt
Alkylphenol Ethoxylate	901-64-59	N/A	N/A	N/A	10-30
Ethylene Diamine	107-15-3	N/A	N/A	N/A	3-7

§ indicates a toxic chemical subject to the reporting requirements of SARA Title III, Section 313.

† indicates a chemical known to the State of California to cause cancer, birth defects or other reproductive harm per Proposition 65.

Section 5: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	90°C	Specific Gravity:	1.03
Vapor Pressure:	N/A	Percent Volatile:	N/E
Vapor Density (Air=1):	N/A	Evaporation Rate:	N/E
Solubility in Water:	Excellent	pH:	13.5
Appearance/Odor:	Brownish liquid/No significant odour.		

Section 6: FIRE & EXPLOSION HAZARD DATA

Flash Point (Method): None **Flammable Limits. LEL:** N/A **UEL:** N/A

Extinguishing Media: Water spray, CO2, dry chemical

Special Firefighting Procedures: Use water spray to cool fire-exposed containers or structures. Use self-contained breathing apparatus, protective clothing and eye protection

Unusual Fire and Explosion Hazards: None

Section 7: REACTIVITY DATA

Stability: Stable. **Hazardous Polymerisation:** Will not occur. **Conditions to Avoid:** None. **Incompatibility:** None. **Hazardous Decomposition Products:** None.

Section 8: SPILLS, DISPOSAL & ADDITIONAL INFORMATION

Spill/Leak Procedures: Collect product for recovery. Flush with plenty of water.

Waste Disposal: Flush with plenty of water.

Additional Information: HMIS (US) Hazard Ratings: Health=1, Fire=0, Reactivity=0.

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