

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS) N/D=Not Determined N/A=Not Applicable

Product: MAGNUM XT Use: Carpet extraction concentrate	Manufacturer: ESTEAM	Flammability: 0 Health: 2 Reactivity: 0 Protection: <small>NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4</small>
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HAZARDOUS INGREDIENTS	CAS #	% WT	HAZARD DATA	EXPOSURE LIMITS (TLV)
Potassium Hydroxide	1310583	1-5	LD50 273 mg/m3 (oral-rat)	N/A
Sodium Metasilicate	6834-92-0	1-5	LD50 0.8g/kg (oral-rat)	2 mg/m3
Dipropylene Glycol Methyl Ether	34590-94-8	1-5	LD50 5135 mg/kg (oral-rat)	100 ppm TWA
Tetrapotassium Pyrophosphate	7320-34-5	1-5	LD50 400 mg/kg (oral-rat)	

PHYSICAL DATA				Freeze/Thaw
Physical State:	Liquid	Boiling Point (C):	N/D	Stable: Yes
Odor/ Appearance:	Blue liquid, floral odor	Freezing Point (C):	N/D	Percent Volatile (vol): N/D
		Solubility in Water:	Complete	Vapor Pressure: N/D
		Ph (undiluted):	11.9	
		Evaporation Rate:	N/D	
		Specific Gravity:	N/D	

FIRE & EXPLOSION HAZARD		Conditions:
Flammability: N	N/A	N/A
Means of Extinction: N/A	Special Procedures: N/A	Hazardous Combustion Products: N/A
Explosion Sensitivity to Impact: N/A	Chemical Sensitivity to Static Discharge: N/A	Upper Explosion Limit (% by vol): N/A
Flashpoint (C) & Method: N/A		Lower Explosion Limit (% by vol): N/A
		Auto-ignition: N/A
		Rate of Burning: N/A
		Explosive Power: N/A
		TDG/WHMIS: Non hazardous / D2B

REACTIVITY DATA	Chemical Stability: Stable
Hazardous Decomposition Product: CO, normal combustion products	Incompatible Substances: Strong acids

TOXICOLOGICAL PROPERTIES		
Route of Entry - Skin Contact: Y Route of Entry - Skin Absorption: N Route of Entry - Eye Contact: Y Route of Entry - Inhalation: N Route of Entry - Ingestion: Y	Reproductive Effects Y/N: N Carcinogenicity Y/N: N Mutagenicity Y/N: N Teratogenicity Y/N: N TLV: N/D	Effects of Overexposure: Acute Effects: Inhalation may cause irritation to nose and throat. Ingestion will cause irritation of the mucous membranes of the mouth and throat. Abdominal pain and diarrhea, nausea, vomiting and headache may result. Eye and skin contact will cause irritation. Chronic Effects: Repeated or prolonged exposure can lead to dermatitis.

PREVENTATIVE MEASURES
Gloves: Recommended Eyes: Safety glasses Footwear: N/A Respirator: NIOSH recommended Clothing: N/A Other: N/A

Recommended Engineered Controls: Use with adequate ventilation.	Leak & Spill Procedures: Flush spilled material to a sanitary sewer.	Waste Disposal Methods: According to federal, provincial and municipal regulations.	Special Handling Procedures: Keep container tightly closed. Keep out of reach of children.
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FIRST AID MEASURES
Inhalation: Move person to fresh air. If necessary give artificial respiration or oxygen. Call a doctor if in distress. Ingestion: Immediately contact a physician. Give water to dilute. Eye Contact: Immediately flush eyes with running water for at least 15 minutes. Contact a physician if irritation persists. Skin Contact: Immediately flush skin for at least 15 minutes. Launder clothing before reuse. Contact a physician if irritation persists.

Prep./Revised Date: July 2, 2008 Prepared By: R. Russell Source Material: Manufacturer's MSDS Emergency Response: 1-613-996-6666 (Transport Emergencies)	Mailing Address: Esteam Manufacturing Ltd. 3750-19th Street NE Calgary, AB T2E 6V2
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This information is complete to the best of our knowledge, however, users are encouraged to make their own investigations into the suitability of the information to their particular purposes. READ THE LABEL before using this or any product, and take any necessary precautions, dictated by the label or by common sense to ensure that your health is protected.