

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined
N/A=Not Applicable

Product: GP-2000	Manufacturer: ESTEAM	Flammability: 0
Chem. Name: N/A	Trade Name: Degreaser/Cleaner	Reactivity: 0
Chem. Family: Mixture	Use: General purpose cleaning concentrate	Health: 2
		Protection:

NFPA LEAST=0, SLIGHT=1, MODERATE=2, HIGH=3, EXTREME=4

HAZARDOUS INGREDIENTS	CAS #	% WT	HAZARD DATA	EXPOSURE LIMITS (TLV)
Sodium Metasilicate pentahydrate	6834-92-0	1-5	LD50 0.8G/kg (oral-rat)	2 mg/m3
2-Butoxyethanol	111-76-2	5-10	LD50 1746 mg/kg (oral-rat)	25 ppm TWA

PHYSICAL DATA				Freeze/Thaw
Physical State: Liquid	Boiling Point (C): 100	Solubility in Water: 100 %	Evaporation Rate: N/D	Stable: Yes
Odor/ Appearance: Blue color, floral odor	Freezing Point (C): 0	Ph (undiluted): 12.0	Specific Gravity: 1.0	Percent Volatile (vol): N/D
				Vapor Pressure: N/D

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

REACTIVITY DATA	Chemical Stability: Stable
Hazardous Decomposition Product: None	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/D TLV: N/D	Effects of Overexposure: Acute Effects: May cause eye irritation. May cause nausea, diarrhea, vomiting if ingested. Inhalation may be irritating. Chronic Effects: May cause defatting of the skin after prolonged frequent exposure resulting in dermatitis.

PREVENTATIVE MEASURES						
<table style="width: 100%;"> <tr> <td style="width: 33%;">Gloves: Recommended</td> <td style="width: 33%;">Footwear: N/A</td> <td style="width: 33%;">Clothing: N/A</td> </tr> <tr> <td>Eyes: Chemical glasses</td> <td>Respirator: N/A</td> <td>Other: N/A</td> </tr> </table>	Gloves: Recommended	Footwear: N/A	Clothing: N/A	Eyes: Chemical glasses	Respirator: N/A	Other: N/A
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Eyes: Chemical glasses	Respirator: N/A	Other: N/A				

Recommended Engineered Controls: Use with adequate ventilation.	Leak & Spill Procedures: Flush to a sanitary drain.	Waste Disposal Methods: According to federal, provincial and municipal regulations.	Special Handling Procedures: Industrial use only. 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: Contact a physician.
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: January 8, 2010	Mailing Address: Esteam Manufacturing Ltd. 3750-19th Street NE Calgary, AB T2E 6V2
Prepared By: R. Russell	
Source Material: Manufacturer's MSDS	
Emergency Response: 1-613-996-6666 (Transport Emergencies)	



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.