

# SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

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

<b>Product:</b> LIQUID CBS	<b>Manufacturer:</b> ESTEAM	<b>Flammability:</b> 0
<b>Chem. Name:</b> N/A	<b>Trade Name:</b> Liquid CBS	<b>Reactivity:</b> 0
<b>Chem. Family:</b> Mixture	<b>Use:</b> Carpet extraction concentrate	<b>Health:</b> 1
		<b>Protection:</b>

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

HAZARDOUS INGREDIENTS	CAS #	% WT	HAZARD DATA	EXPOSURE LIMITS (TLV)
Alcohol Ethoxylate	68991-48-0	6-12	LD50 > 2,000 mg/kg (oral-rat)	N/A
Sodium Metasilicate	6834-92-0	1-5	LD50 622 mg/kg (oral-rat)	N/D
Sodium Hydroxide	1310-73-2	1-5	LD50 500 mg/kg (oral-rat)	N/A

PHYSICAL DATA				Freeze/Thaw
<b>Physical State:</b> Liquid	<b>Boiling Point (C):</b> 100	<b>Solubility in Water:</b> 100 %	<b>Evaporation Rate:</b> N/D	<b>Stable:</b> Yes
<b>Odor/ Appearance:</b> Citrus/Amber	<b>Freezing Point (C):</b> 0	<b>Ph (undiluted):</b> 11.7	<b>Specific Gravity:</b> 1.10	<b>Percent Volatile (vol):</b> N/D
				<b>Vapor Pressure:</b> N/D

FIRE & EXPLOSION HAZARD		Conditions:
<b>Flammability:</b> N	<b>Hazardous Combustion Products:</b> N/A	N/A
<b>Means of Extinction:</b> N/A	<b>Upper Explosion Limit (% by vol):</b> N/A	N/A
<b>Special Procedures:</b> None	<b>Lower Explosion Limit (% by vol):</b> N/A	N/A
<b>Explosion Sensitivity to Impact:</b> None	<b>Auto-ignition:</b> N/A	
<b>Chemical Sensitivity to Static Discharge:</b> N/A	<b>Rate of Burning:</b> N/A	
<b>Flashpoint (C) &amp; Method:</b> None	<b>Explosive Power:</b> N/A	
<b>TDG/WHMIS:</b> Non hazardous / 2DB		

REACTIVITY DATA	Chemical Stability:
<b>Hazardous Decomposition Product:</b> Oxides of carbon, oxides of nitrogen, hydrogen chloride and methyl chloride	Stable
<b>Incompatible Substances:</b> Strong oxidizing agents	

TOXICOLOGICAL PROPERTIES		
<b>Route of Entry - Skin Contact:</b> Y	<b>Reproductive Effects Y/N:</b> N	<b>Effects of Overexposure:</b> <b>Acute Effects:</b> Irritant to eyes and skin. Irritating to respiratory tract. Ingestion may cause damage to the mucous membranes, mouth and digestive system. <b>Chronic Effects:</b> Prolonged and repeated exposure can cause drying, defatting and dermatitis.
<b>Route of Entry - Skin Absorption:</b> N	<b>Carcinogenicity Y/N:</b> N	
<b>Route of Entry - Eye Contact:</b> Y	<b>Mutagenicity Y/N:</b> N	
<b>Route of Entry - Inhalation:</b> N	<b>Teratogenicity Y/N:</b> N	
<b>Route of Entry - Ingestion:</b> Y	<b>TLV:</b> N/A	

PREVENTATIVE MEASURES		
<b>Gloves:</b> Recommended	<b>Footwear:</b> N/A	<b>Clothing:</b> N/A
<b>Eyes:</b> Safety glasses	<b>Respirator:</b> N/A	<b>Other:</b> N/A

<b>Recommended Engineered Controls:</b> Use with general ventilation.	<b>Leak &amp; Spill Procedures:</b> Flush to a sanitary drain.	<b>Waste Disposal Methods:</b> According to federal, provincial and municipal regulations.	<b>Special Handling Procedures:</b> Normal handling processes. Inside storage at 4-40C recommended.
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FIRST AID MEASURES
<b>Inhalation:</b> Move person to fresh air.
<b>Ingestion:</b> Rinse mouth with water and drink 3-4 glasses of water. Do not induce vomiting. Contact a physician.
<b>Eye Contact:</b> Immediately flush eyes with running water. If irritation persists contact a physician.
<b>Skin Contact:</b> Flush with water.

<b>Prep./Revised Date:</b> January 8, 2010	<b>Mailing Address:</b> Esteam Manufacturing Ltd. 3750-19th Street NE Calgary, AB T2E 6V2
<b>Prepared By:</b> R. Russell	
<b>Source Material:</b> Manufacturer's MSDS	
<b>Emergency Response:</b> 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.