

SUPPLIER MATERIAL SAFETY DATA SHEET (MSDS)

N/D=Not Determined

N/A=Not Applicable

Product: LIQUID CBS

Manufacturer: ESTEAM

Flammability: 0

Chem. Name: N/A

Trade Name: Liquid CBS

Reactivity: 0

Chem. Family: Mixture

Use: Carpet extraction concentrate

Health: 1

Protection:

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

HAZARDOUS INGREDIENTS

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

Physical State: Liquid

Boiling Point (C): 100

Solubility in Water: 100 %

Evaporation Rate: N/D

Freeze/Thaw

Stable: Yes

Percent Volatile (vol): N/D

Odor/Appearance: Citrus/Amber

Freezing Point (C): 0

Ph (undiluted): 11.7

Specific Gravity: 1.10

Vapor Pressure: N/D

FIRE & EXPLOSION HAZARD

Flammability: N

Means of Extinction: N/A

Special Procedures: None

Explosion Sensitivity to Impact: None

Chemical Sensitivity to Static Discharge: N/A

Flashpoint (C) & Method: None

Conditions: N/A

Hazardous Combustion Products: N/A

Upper Explosion Limit (% by vol): 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 / 2DB

REACTIVITY DATA

Chemical Stability: Stable

Hazardous Decomposition Product: Oxides of carbon, oxides of nitrogen, hydrogen chloride and methyl chloride

Incompatible Substances: Strong oxidizing agents

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/A

Effects of Overexposure:

Acute Effects:

Irritant to eyes and skin. Irritating to respiratory tract. Ingestion may cause damage to the mucous membranes, mouth and digestive system.

Chronic Effects:

Prolonged and repeated exposure can cause drying, defatting and dermatitis.

PREVENTATIVE MEASURES

Gloves: Recommended

Footwear: N/A

Clothing: N/A

Eyes: Safety glasses

Respirator: N/A

Other: N/A

Recommended Engineered Controls:

Use with general ventilation.

Leak & Spill Procedures:

Flush to a sanitary drain.

Waste Disposal Methods:

According to federal, provincial and municipal regulations.

Special Handling Procedures:

Normal handling processes. Inside storage at 4-40C recommended.

FIRST AID MEASURES

Inhalation: Move person to fresh air.

Ingestion: Rinse mouth with water and drink 3-4 glasses of water. Do not induce vomiting. Contact a physician.

Eye Contact: Immediately flush eyes with running water. If irritation persists contact a physician.

Skin Contact: Flush with water.

Prep./Revised Date: May 1, 2007

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



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.