



Material Safety Data Sheet

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CSG3000

**Use: HD Foaming Alkaline
Detergent Concentrate**

Code: FHCSG3000D, J, P

Date of MSDS: December 1, 2014

WHMIS: E

TDG : CORROSIVE LIQUID, N.O.S. (potassium hydroxide, sodium metasilicate) Class 8 UN1760 PGII

HMIS: Health - 3, Flammability - 0, Reactivity - 0, PPE - B

**Emergency Telephone #
CANUTEC 613-996-6666**

I - HAZARDOUS INGREDIENTS

Chemical Name	Wt/Wt %	CAS #	LD50 (mg/kg)	LC50
Potassium Hydroxide	5-10	1310-58-3	273 oral rat	not available
Sodium Metasilicate	1-5	6834-92-0	800 oral rat	not available
Linear Alcohol	1-5	68131-39-5	1800 oral rat	not available
Sodium Xylene Sulfonate	5-10	1300-72-7	650 oral rat	not available

II - PHYSICAL DATA

Physical State: liquid **Viscosity:** water thin **Vapour Pressure:** not available **Oil/Water Factor:** not available
Appearance: clear colourless **pH** 13.5 **Vapour Density:** similar **Evaporation Rate:** similar
Odour: mild detergent **Specific Gravity:** 1.120 **Boiling Point (°C):** not available **Odour Threshold:** not available
Freezing Point (°C): not available

III - FIRE AND EXPLOSION DATA

Conditions of Flammability: not flammable **UFL:** not applicable
Flash Point and Test Method: none **LFL:** not applicable
Sensitivity to Static Discharge or Mechanical Impact: not available **Auto-Ignition Temperature:** not available
Hazardous Combustion Products: oxides of carbon **Means of Extinction:** treat for surrounding material

IV - REACTIVITY DATA

Conditions of Chemical Instability: stable **Conditions of Reactivity:** not applicable
Incompatible Substances: not available **Hazardous Decomposition Products:** not available
Storage Requirements: store in closed containers away from incompatible materials.

V - TOXICOLOGICAL PROPERTIES

Synergistic Materials: none known **Route(s) of Entry:** skin, eyes, ingestion, inhalation
Irritancy of Product: hazardous **Sensitization:** not available
Acute Effects **Chronic Effects**
Eye: can cause severe irritation, reddening, swelling of tissue **Carcinogen:** none known
Skin: moderate to high irritation **Teratogen:** none known
Inhalation: can cause nose, throat & respiratory tract irritation, coughing & headache **Mutagen:** none known
Ingestion: can cause vomiting, headache & medical problems **Reproductive Toxin:** none known
Prolonged or Repeated Exposure: Skin -Can cause drying, defatting or dermatitis.
Can be absorbed through the skin in toxic amounts.

VI - FIRST AID MEASURES

Eye Contact: Immediately flush with water for 15 minutes. If irritation persists, contact a physician.
Skin Contact: Immediately flush with water for 15 minutes. Contact a physician if irritation develops. Completely decontaminate clothing, shoes and leather goods before reuse or discard.
Inhalation: Remove to fresh air. If symptoms persist, contact a physician.
Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one glass of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

VII - PROTECTIVE EQUIPMENT

Personal Protective Equipment:
Eyes: safety glasses **Skin:** impermeable gloves
Respiratory: not normally required if good ventilation is maintained
Ventilation: General ventilation normally adequate. If mist is generated during application, use disposable mist respirator.

VIII - SPECIAL MEASURES

For Leaks or Spills: Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.
Waste Disposal: Review all Federal, Provincial and local regulations prior to disposal.

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