

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: CSG 1000

WHMIS Class : REGISTERED PRODUCT

T.D.G. Classification : Not regulated by T.D.G.

Manufacturer Name and Address: Kemsol Products Ltd.
PO Box 1577
Regina, SK
S4P 3C4

Telephone Numbers : (306) 569-0636

SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredients</u>	<u>CAS#</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC₅₀</u>	<u>LD₅₀</u>
Sodium metasilicate	6834-92-0	1-5	Not available	Not available	770 mg/kg oral, mouse
Quaternary ammonium compound	68391-01-5	1-5	Not available	Not available	447 mg/kg oral, rat
Alcohol C-10 ethoxylated	26183-52-8	3-7	Not available	Not available	

SECTION III - PHYSICAL DATA

Boiling Point (deg C) : 98
Vapour Pressure (mm Hg) : Not available
Vapour Density (Air = 1) : Similar
Solubility in Water : Complete
Physical State : Liquid
Appearance and Odour : Yellow, with mild detergent odour.

Specific Gravity (H₂O = 1) : 1.077
Percent Volatile (Wt %) : 85
Evaporation Rate (H₂O = 1) : Similar
pH (as supplied) : 13.2
Viscosity : Water thin

SECTION IV - FIRE AND EXPLOSION DATA

Flammability : Not flammable.
Flash Point (deg C, method) : Not applicable **LEL** Not available **UEL** Not available
Hazardous Combustion Products : Not applicable
Means of Extinction : Treat for surrounding material.
Special Fire Hazards : None known to us at this time.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability : Stable.
Incompatible Materials : Strong oxidizing agents.
Hazardous decomposition products : Not applicable.

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SECTION VI - TOXICOLOGICAL PROPERTIES

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Route of Entry : Eye, Skin contact, Inhalation, Ingestion

Effects of Acute Exposure :

Eye : Contact can cause severe irritation, reddening and swelling of tissues around eyes.

Skin : Contact can cause moderate to high irritation.

Inhalation: May cause nose, throat and respiratory tract irritation, coughing and headache.

Ingestion : May cause nausea, vomiting and medical problems.

Effects of Chronic Exposure :

Skin : Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Irritancy : Hazardous by WHMIS criteria.

Respiratory Tract Sensitization : No data available

Carcinogenicity : Non-hazardous by WHMIS criteria.

Teratogenicity, Mutagenicity, Reproductive effects : Insufficient data available.

Synergistic Materials : Not available.

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SECTION VII- PREVENTATIVE MEASURES

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Gloves : PVC, Latex rubber or natural rubber. Confirm with reputable supplier first.

Eye protection : Chemical splash goggles.

Respiratory protection : Not normally required if good ventilation is maintained.

Other protective equipment : As required by employer code.

Engineering Controls : General ventilation normally adequate.

Leak and Spill Procedure : Before attempting clean-up, refer to hazard data given above. Small spills may be absorbed with non reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal : Review federal, provincial and local government requirements prior to disposal.

Storage Requirements : Store in closed container. Store away from incompatible materials.

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SECTION VIII - FIRST AID

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Eye : Immediately flush with water for 15 minutes. Call a doctor.

Skin : Immediately flush with water. Call a doctor if irritation develops. Completely decontaminate clothing, shoes and leather goods before reuse or discard.

Inhalation: Remove to fresh air. If symptoms persist, call a doctor.

Ingestion : Do not induce vomiting. Rinse mouth with water, then drink one glass of water.

Contact a doctor immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

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Disclaimer

Information for this material safety data sheet was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the mandatory requirements of WHMIS. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this form. If user requires independent information on ingredients in this or any other material, we recommend contact with the Canadian Centre for Occupational Health and Safety (CCOHS) in Hamilton, Ontario (1-800-263-8276) or CSST in Montreal, Quebec (514-873-3990).