

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION AND PREPARATION INFORMATION

Product Name: CSG 5000

Product Use: Oven & Grill Cleaner

WHMIS Class: Class E - Corrosive material

HEALTH	3
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	B

T.D.G. Classification: CORROSIVE LIQUIDS, N.O.S.
(Sodium Hydroxide); Class 8; UN1760; Packing Group II.

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

Emergency Telephone: (306) 569-0636

SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS No.	Wt%	ACGIH-TLV	LC ₅₀	LD ₅₀
Sodium hydroxide	1310-73-2	7-13	2mg/ m ³ C	Not available	500 mg/kg oral, rabbit
Alcohols C-10 ethoxylated	26183-52-8	0.5-1.5	Not available	Not available	Not available

SECTION III - PHYSICAL DATA

Boiling Point (deg C): 100

Vapour Pressure (mm Hg): Not available

Vapour Density (Air = 1): Not available

Solubility in Water: Soluble

Physical State: Liquid

Appearance and Odour: Clear amber, no distinct odour.

Specific Gravity (H₂O = 1): 1.143

Percent Volatile (Wt %): 83.7

Evaporation Rate (H₂O = 1): N/A

pH (as supplied): 13.9

Viscosity: Water thin

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS criteria.

Flash Point (deg C, TCC): None

LEL: Not applicable

UEL: Not applicable

Hazardous Combustion Products: May include and are not limited to oxides of carbon, oxides of phosphorus.

Means of Extinction: Treat for surrounding material.

Special Fire Hazards: Firefighters should wear self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: Stable.

Incompatible Materials: Strong oxidizing agents, strong acids.

Hazardous decomposition products: May include and are not limited to oxides of carbon, oxides of phosphorus when heated to decomposition.

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SECTION VI - TOXICOLOGICAL PROPERTIES

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

Effects of Acute Exposure:

Eye: Contact can cause severe irritation or chemical burns.

Skin: Contact can cause severe irritation or chemical burns. Harmful contact may not cause immediate pain.

Inhalation (of mist): May cause respiratory tract irritation, coughing and headache.

Ingestion: May cause chemical burns to mouth, throat and stomach.

Effects of Chronic Exposure:

Skin: Prolonged or repeated exposure to dilutions 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: Rubber gloves. Confirm with reputable supplier first.

Eye protection: Chemical splash goggles.

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

Other protective equipment: As required by employer code.

Engineering Controls: Ensure good ventilation.

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. Keep out of reach of children.

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SECTION VIII - FIRST AID

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Eye: Immediately flush with water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Call a physician immediately.

Skin: Immediately flush with water for 15 minutes. Call a physician if irritation persists.

Inhalation: If inhaled, move victim to fresh air. If symptoms persist, call a physician.

Ingestion: Do not induce vomiting. Rinse mouth with water and drink 1 glass of water. Call a physician 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 (1-800-263-8466) or CSST in Montreal, Quebec (514-873-3990).