

MATERIAL SAFETY DATA SHEET

Section 1: Product and Company Information

Manufacturer: Date: Prepared by: WHMIS Classification:	Kel Kem Ltd. 2340 Winston Park Dr., Unit 3 Oakville, Ontario L6H 7T7 Tel: (905) 829-5888 Fax: (905) 829-3247 24 Hour Emergency Tel: Canutec (613) 996-6666 (Collect) April 1, 2009 Gerry van Konynenburg E	Product Name: Glass and Fireplace Cleaner Product Code(s): KK0047 Product Use: Glass and Fireplace Cleaner
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Section 2: Composition/Information on Ingredients

Ingredient	Percent (Wt. %)	CAS Number	LD50(Oral-rat)	LC50(Inhalation-rat)
Potassium Hydroxide	1 - 5	1310-58-3	273 mg/kg	Not Available
Sodium Meta Silicate Penta Hydrate	1 - 5	6834-92-0	800 mg/kg	Not Available
Soda Ash	7 - 13	497-19-8	4090 mg/kg	Not Available
Etherimino Dipropionate	1 - 5	64972-19-6	Not Available	Not Available


The ingredients listed above are controlled products as defined in CPR, am. SOR/88-555 or 29 CFR 1910.1200

Section 3: Hazards Identification

Severe skin and eye irritant.

ROUTES OF ENTRY INTO THE BODY (ACUTE EFFECTS):
Skin contact: Corrosive – causes burns
Eye contact: Corrosive – causes burns
Ingestion: May be harmful or fatal if swallowed. Causes severe burns to the alimentary canal.
Inhalation: Mists are corrosive. Causes burns to respiratory tract.

WHMIS HAZARD SYMBOL(S):



Section 4: First Aid Measures

Skin: Wash thoroughly with water
Eye: Flush eyes with plenty of water for 15 minutes. Seek medical attention if irritation persists.
Inhalation: If misted into lungs, seek medical attention.
Ingestion: Drink 2 or 3 glasses of water to dilute and contact a physician immediately. Induce vomiting only on the advice of a physician or poison control center.

Section 5: Fire Fighting Measures

Not flammable. Use media to extinguish source of fire. Wear self-contained breathing apparatus when fire fighting.

Flash Point: Not applicable
Flammability Limits: **Lower Explosion Limit** - Not applicable
Upper Explosion Limit - Not applicable
Autoignition Temperature: Not applicable
Hazardous Combustion Products: Carbon monoxide, Carbon Dioxide, Nitrous Oxide
Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None	
Section 6: Accidental Release Measures	
Absorb with synthetic or natural absorbent and collect for disposal. Flush area with plenty of water. Area of spill may become extremely slippery.	
Section 7: Handling and Storage	
No special procedures, equipment or requirements.	
Section 8: Exposure Controls/Personal Protection	
Engineering controls: None required Gloves: PVC, Neoprene or rubber if skin contact is likely Eyes: Safety glasses/goggles if eye contact is likely Respiratory: Normal	
Section 9: Physical and Chemical Properties	
Physical State	Liquid
Odour Threshold (ppm)	Not applicable
Vapour Pressure (MM)	Not Available
Evaporation Rate	Not Available
Freezing Point (C)	Not Available
% Volatile (by weight)	84%
Coefficient of water/oil dist.	Not Available
Odour & Appearance	Colourless, hazy
Specific Gravity	1.100
Vapour Density (Air=1)	Not Available
Boiling Point (C)	100
Solubility in Water (20C)	100% soluble
PH (as is)	12.0
Section 10: Stability and Reactivity	
Chemical Stability	Yes
If No, under which conditions?	
Incompatibility to other substances	Yes
If so, which ones?	Oxidizing compounds
Reactivity and under what conditions?	None known
Hazardous decomposition products	CO, CO2
Section 11: Toxicological Information	
Effects of overexposure:	None known.
Sensitization:	None known.
Carcinogenicity:	No ingredients considered by IARC, NTP or OSHA to be carcinogens
Reproductive Toxicity:	None known.
Teratogenicity:	Not known
Mutagenicity:	Not known
Synergistic Products:	None known.
Section 12: Ecological Information	
Complete information is not yet available for this product.	
Section 13: Disposal Considerations	
Not established for this product.	
Section 14: Transport Information	
TDG: Limited Quantity [Bulk: Corrosive Liquid NOS (Potassium Hydroxide), Class 8, Pkg. Group II, UN1760]	
Section 15: Regulatory Information	
This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.	

Section 16: Other Information

Notice to the Reader: The information is provided in good faith and is correct to the best of Kel Kem Ltd.'s knowledge as of the date hereof and is designed to assist our customers; however Kel Kem Ltd. makes no representation as to its completeness or accuracy. Final determination of suitability of any material is the sole responsibility of the user. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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**Prepared By: Gerry van Konynenburg
Preparation Date: February 4, 2004**

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