



Kem Canada Mfg., 4 Blair Dr., Brampton, Ontario L6T 2H5

WHMIS: D1A, E

1. PRODUCT IDENTIFICATION:

PRODUCT NAME: PEROXIDE REDUCER MSDS DOCUMENT CODE: TR141099	PRODUCT CODES: TR141060 / TR141500
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2. HAZARDOUS INGREDIENTS

Name	CAS #	% Range	TLV	LD ₅₀ (Oral Rat)	LC ₅₀ (Inh. Rat)
Sulphuric Acid	7664-03-9	30.0-60.0	3 mg/m ³	2140 mg/kg	510 mg/m ³ /2h

3. PHYSICAL DATA:

Odour and Appearance: Clear, colourless liquid; odourless.					
Odour Threshold: Not available	Specific Gravity: 1.23	Vapour Pressure: Not available		Vapour Density: (Air-1) Not available	
Evaporation Rate: > water	Solubility in Water: Soluble	Boiling Point: >100°C		Freezing Point: 0°C	
% Volatile (by wt.): No data	pH (1.0% Sol'n): >1	Density: Not applicable		Coeff. Oil/Water Distr: Not available	

4. FIRE & EXPLOSION DATA:

Flash Point (method): Non flammable	LEL: Not applicable	UEL: Not applicable	Autoignition Temp. Not available
Extinguishing Media: As appropriate for surrounding materials.			
Hazardous Combustion Products: Oxides of sulphur.			
Special Fire Fighting Procedures: Wear full protective gear including self contained breathing apparatus.			
Unusual Fire & Explosion Hazards: None			

5. REACTIVITY DATA:

Stability: Stable
Conditions to Avoid: Not applicable
Incompatibility: Strong alkalis, combustible materials, reactive metals,
Hazardous Decomposition Products: Sulphur oxides.

6. HEALTH HAZARD DATA:

Primary Route of Entry:	Eyes: Yes	Skin: Yes	Inhalation: Yes	Ingestion: Yes
Acute Effects: Effects of Acute Exposure: Eyes: Extremely corrosive. Can cause corneal scarring, clouding, cataracts, glaucoma. Skin: Can cause irritation, redness, burns, pain and drying of skin. Ingestion: Causes severe burning and pain of gastrointestinal tract, vomiting, diarrhea, perforation of esophagus and stomach lining may occur. Inhalation: Of vapour or mist can cause severe irritation of respiratory tract. Note: Corrosive effects on eyes and skin may be delayed and damage may occur without the onset of pain. Adherence to first aid measures following exposure is important.				
Chronic Effects: Repeated or prolonged exposures to higher concentrations may cause liver damage, kidney damage and cardiovascular effects.				

7. FIRST AID PROCEDURES:

Eye Contact: Immediately flush with running water for at least 30 minutes. Get medical attention.
Skin Contact: Remove contaminated clothing and flush with running water for at least 30 minutes. Repeat flushing if irritation persists. Get immediate medical attention. Launder contaminated clothing before reuse.
Inhalation: Remove to fresh air.
Ingestion: Do not induce vomiting. Have person drink several glasses of water or milk. Do not give fluids if person is unconscious or convulsing. Get immediate medical attention.

8.0 TOXICOLOGICAL DATA:

Carcinogenic, Mutagenic, Teratogenic, Reproductive Effects: Sulphuric acid is carcinogenic to man (Group I) causing cancer of larnxy and to a lesser extent, the lung. Avoid breathing mists.
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9. SPILL & DISPOSAL PROCEDURES

Spill & Leak: Contain spill. Absorb onto inert, non-combustible absorbent and scoop into disposal container. Neutralize residual with dilute sodium carbonate. Flush with volumes of water.
Disposal: Dispose of in accordance with all Local, Provincial and Federal regulations.

10. PRECAUTIONARY MEASURES

Personal Protective Equipment:			
Gloves: Neoprene, PVC	Respiratory: Approved canister for acid vapours.	Eyes: Safety goggles	Footwear: Impermeable
Clothing: Acid resistant.	Other: Eye wash and safety shower.	Ventilation: Local is sufficient when used as directed.	
Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.			
Storage: Store in a cool, dry area. Keep container closed when not in use.			

11. TDG SHIPPING INFORMATION:

Shipping Name: Sulphuric Acid		
Class: 8	UN No. 2796	Packing Group: II

12. PREPARATION INFORMATION:

Date Prepared/Reviewed: October 9, 2003	Tel. # (905)-456-9444	Fax. # (905) 456-9447
The information above has been obtained from reliable sources and is believed to be accurate but does not claim to be all inclusive and should be only used as a guide.		