



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

WHMIS: D1A, E

1. PRODUCT IDENTIFICATION:

PRODUCT NAME: PEROXIDE REDUCER	PRODUCT CODES: TR141060 / TR141500
MSDS DOCUMENT CODE: TR141099	

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
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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
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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 larynx and to a lesser extent, the lung. Avoid breathing mists.

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
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Clothing: Acid resistant.	Other: Eye wash and safety shower.	Ventilation: Local is sufficient when used as directed.
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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
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12. PREPARATION INFORMATION:

Date Prepared/Reviewed: October 9, 2003	Tel. # (905)-456-9444	Fax. # (905) 456-9447
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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.