



MATERIAL SAFETY DATA SHEET

SHOWER KLEEN

CLEANER FOR HARD WATER ENCRUSTATIONS

SECTION I PRODUCT IDENTIFICATION AND USE

Product Name: SHOWER KLEEN
Product Use: Cleaner for Hard Water Encrustations
WHMIS Class: D2B, E

SECTION II HAZARDOUS INGREDIENTS

Chemical Name	CAS #	% by Weight	Toxicity
Phosphoric acid	7644-38-2	15 - 25	LD50 1.5 gr/kg oral
Nonyl phenol ethoxolate	9016-45-9	1 - 3	3000 mg/kg oral rat
Sodium xylene sulphonate	1300727-30-60	1 - 3	650 mg/kg oral rat
Sodium lauryl sulphate	N/A	1 - 3	1700 mg/kg oral rat

SECTION III PHYSICAL DATA

Appearance:	blue liquid	Odour:	herbal
PH Concentrate:	1.0	% Volatile by volume:	74%
Boiling Point:	100 deg. C	Solubility in Water (%):	complete
Specific Gravity:	1.080	Evaporation Rate (Water = 1):	<1

SECTION IV FIRE AND EXPLOSION HAZARD DATA

Flammability: Not flammable.
Flash Point (deg. C, TOC): None.
Hazardous Combustion Products: May generate hydrogen gas on contact with some metals.
Means of Extinction: Foam or dry chemical, carbon dioxide.
Special Fire Hazards: Hot phosphoric acid is corrosive.

SECTION V TOXICOLOGICAL PROPERTIES

Effects of overexposure

Swallowing: May be very harmful.
Inhalation: May cause nose or throat irritation.
Skin absorption: May absorb through skin to cause delayed ill health effects.
Skin Contact: Corrosive, may cause skin irritation or burns.
Eye Contact: May cause severe eye irritation or injury. May cause irreversible damage.

SECTION VI FIRST AID MEASURES

Ingestion: Do not induce vomiting. Give raw egg whites or gelatin solution. If not available, drink large quantities of water. Get medical attention.
Inhalation: Remove person to fresh air. If person stops breathing, give artificial respiration. Get medical attention.
Skin: Flush with water for at least 15 minutes. Remove contaminated clothing. Get Medical Attention.
Eyes: Flush with water for at least 15 minutes. Get medical attention.
General: Keep out of reach of children. Avoid contamination of food.

SECTION VII REACTIVITY DATA

Stable: **Unstable:** **Conditions to Avoid:** Not known
Incompatibility (Materials to avoid): Strong oxidizing agents, ammonia, bleaches and alkalis.
Hazardous Decomposition Products: Hydrogen gas.
Hazardous Polymerization: **May Occur:** **Will Not Occur:**

SECTION VIII PREVENTATIVE MEASURES

Protective Gloves: YES **Eye Protection:** YES **Ventilation: Local Exhaust:** **General:**
Respiratory Protection (Specify type): Use approved respirators when spraying.
Other Protective Equipment: In case of spillage, use chemically resistant apron and boots.
Leak & Spill Procedure: Contain spill by dyking and collect into a container for disposal. Flush area with water.
Waste Disposal Method: Dispose of according to federal, provincial, or local regulations.
Handling Procedures/Equipment: Wear proper protective clothing. Avoid excessive heat, open flames, or ignition source.
Other Precautions: Eye fountain and emergency shower.
PIN: UN1760 **TDG Class:** 8 **TDG Emergency Telephone #:** (613) 996-6666 (Collect)

SECTION IX PREPARATION DATA

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