

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Name: Klean Bowl Emulsion Bowl
Product Use: Toilet bowl cleaner
WHMIS Class: Class D - Division 1B, Class E - Corrosive Material
TDG Classification: CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Hydrogen chloride); Class 8; UN3264; PGII
Manufacturer: Contact Supplier
Supplier: Prime Source™
2130 South Service Road West
Oakville, ON L6L 5N1 Canada
Phone: (905) 827-7300
Emergency Phone: 1-800-424-9300 (CHEMTREC)

LEGEND HMIS		Health	Flammability	Physical Hazard	Personal Protection
Severe	4	/ 3	0	0	C
Serious	3				
Moderate	2				
Slight	1				
Minimal	0				

SECTION II - HAZARDOUS INGREDIENTS

<u>Ingredient(s)</u>	<u>CAS #</u>	<u>Wt%</u>	<u>ACGIH-TLV</u>	<u>LC50</u>	<u>Oral LD50</u>
Ethoxylated nonyl phenol	9016-45-9	0.5 - 1.5	Not established	Not available	2490 mg/kg rat
Hydrochloric acid	7647-01-0	10 - 30	2 ppm - Ceiling	935 ppm mouse; 3124 mg/l/4h rat	900 mg/kg rabbit; 700 mg/kg rat

SECTION III - PHYSICAL DATA

Boiling Point:	Not available	Specific Gravity:	1.1
Freezing Point:	Not available	Coefficient of Water/Oil Distribution:	Not available
Vapour Pressure:	Not available	% Volatile:	Not available
Vapour Density:	> 1	Evaporation Rate:	Not available
Solubility in Water:	Complete	pH:	< 1
Physical State:	Liquid	Viscosity:	Water thin
Appearance:	Clear Amber Liquid	Odour Threshold:	Not available
Odour:	Mint.		

SECTION IV - FIRE AND EXPLOSION DATA

Flammability: Not flammable by WHMIS criteria.
Flash Point: None **LEL:** Not applicable **UEL:** Not applicable
Hazardous Combustion Products: May include and are not limited to: Oxides of carbon. Hydrogen chloride. Chlorine gas.
Autoignition Temperature: Not applicable
Explosion Data:
 Sensitivity to Mechanical Impact: Not available
 Sensitivity to Static Discharge: Not available
Means of Extinction: Dry chemical. Foam. Water spray. Carbon dioxide.
Special Fire Hazards: Firefighters should wear a self-contained breathing apparatus.

SECTION V - REACTIVITY DATA

Conditions for Chemical Instability: Stable under recommended storage conditions.
Incompatible Materials: Reducing agents. Soft metals. Caustics. Oxidizers.
Reactivity: Reacts violently with alkaline material. Do not mix with bleach or any other chemical. Reacts with soft metals producing flammable hydrogen gas.
Hazardous Decomposition Products: May include and are not limited to: Oxides of carbon. Hydrogen chloride. Chlorine gas.

SECTION VI - TOXICOLOGICAL PROPERTIES

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

EFFECTS OF ACUTE EXPOSURE:

- Eye:** Causes chemical burns. May cause blindness.
- Skin:** Causes chemical burns.
- Inhalation:** Harmful if inhaled. May cause respiratory tract irritation or chemical burns. Damages airways and lungs.
- Ingestion:** Harmful if swallowed. Causes 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:** Non-hazardous by WHMIS criteria.
- Carcinogenicity:** Non-hazardous by WHMIS criteria.
- Teratogenicity:** Non-hazardous by WHMIS criteria.
- Mutagenicity:** Non-hazardous by WHMIS criteria.
- Reproductive Effects:** Non-hazardous by WHMIS criteria.
- Synergistic Materials:** Not available

SECTION VII - PREVENTATIVE MEASURES

- Gloves:** Rubber gloves. Confirm with a reputable supplier first.
- Eye Protection:** Wear chemical goggles.
- Respiratory Protection:** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. Avoid breathing mists or vapours.
- Other Protective Equipment:** As required by employer code. Rubber apron recommended.
- Engineering Controls:** Provide adequate ventilation. General ventilation normally adequate.
- 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:** Dispose in accordance with all applicable regulations.
- Handling Requirements:** Use good industrial hygiene practices in handling this material. Do not get this material in your eyes, on your skin, or on your clothing.
- Storage Requirements:** Keep out of the reach of children. Store in a closed container away from incompatible materials.

SECTION VIII - FIRST AID

- Eye:** Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.
- Skin:** Immediately flush with water. Wash with soap and water. Obtain medical attention if irritation persists.
- Inhalation:** If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately. If symptoms develop move victim to fresh air. If symptoms persist, obtain medical attention.
- Ingestion:** Do not induce vomiting. Rinse mouth with water, then drink one or two glasses of water. Obtain medical attention. Never give anything by mouth if victim is unconscious, or is convulsing.

SECTION IX - PREPARATION INFORMATION

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Prepared By: Dell Tech Laboratories Ltd. (519) 858-5021

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