

MATERIAL SAFETY DATA SHEET

DATE PREPARED: 3/1/2007

(Prepared According to 29 CFR 1910.1200)

CODE: 5391

SECTION 1 - PRODUCT IDENTIFICATION

Distributor: Custom Solutions	Emergency Phone: 800-309-5869
Address: 900 East 103rd Street, Chicago, IL 60628	Prepared By: LPL
Trade Name: PRO BOWL	Product Type: Hydrochloric Acid Toilet Bowl Cleaner/Disinfectant

SECTION 2 - INGREDIENTS

CHEMICAL NAME/COMMON NAME	CAS NO.	PERCENT(optional)	TLV(Source)
Hydrochloric Acid (Sect. 313 listed)	7647-01-0	23.0	5ppm (OSHA PEL / ACGIH TLV)
Nonionic Surfactant	26027-38-3	1.0	None Established

SARA HAZARD: TITLE III, SECTION 313: Contains Hydrochloric Acid at 23.0% by weight.

SECTION 3 - PHYSICAL DATA

Boiling point (°F.): 212	Specific Gravity (H2O=1.0): 1.120 ± 0.005	pH: <1 ± 0.5
Vapor Pressure (mm Hg): Not Determined	Vapor Density (Air=1): Not Determined	
Solubility in water: <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Insoluble <input type="checkbox"/> Emulsifiable (or Dispersible) <input type="checkbox"/> Slight (or Partial)		
Evaporation Rate (vs. H2O): <input checked="" type="checkbox"/> Faster <input type="checkbox"/> Slower <input type="checkbox"/> About the Same	Appearance and Odor: Pink colored liquid with pungent odor.	

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (T.C.C.): °F. <input checked="" type="checkbox"/> None to Boiling	Flammable Limits: N/A Upper N/A Lower N/A
Extinguishing Media: This product is not combustible. Water spray, foam, CO2 or dry chemicals may be used in areas where this product is stored.	
Special Firefighting Procedures: Do not enter confined fire-spaces without protective clothing and self-contained air supply.	
Unusual Fire and Explosion Hazards: None	

SECTION 5 - REACTIVITY DATA

Stability: Stable	Incompatibility: Do not mix with chlorine bleach or other chemicals.
Hazardous Decomposition Products: Burning may produce toxic vapors or gases. Chlorine gas, hydrogen gas.	

SECTION 6 - HEALTH HAZARD DATA

Primary Routes of Exposure: <input checked="" type="checkbox"/> Eye <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Oral <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Other
Signs and Symptoms of Overexposure (Acute): Harmful or fatal if swallowed. Corrosive to eyes and skin. May cause permanent damage if not treated promptly.
Signs and Symptoms of Overexposure (Chronic): None known.
Medical Conditions Aggravated by Overexposure: May aggravate skin disorders or respiratory ailments.
Carcinogen or Suspect Carcinogen Ingredients: <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OSHA <input checked="" type="checkbox"/> NONE

SECTION 7 - EMERGENCY AND FIRST AID PROCEDURES

Eyes: Flush IMMEDIATELY with water for 15 minutes. Get medical attention.
Skin: Flush with water for 15 minutes. Remove and wash contaminated clothing.
Ingestion: Rinse mouth with water. Then drink 1-2 glasses of water. Never give anything by mouth to an unconscious person. Get immediate medical attention.
Inhalation: Remove to fresh air. Start artificial respiration if necessary. Oxygen may be administered. Call a physician.

SECTION 8 - SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not expected to be necessary under normal conditions of use. Where exposure cannot be adequately controlled by general or local ventilation, use appropriate respiratory protection to prevent overexposure. An approved acid respirator would be recommended.	
Ventilation Requirements: <input checked="" type="checkbox"/> Local Exhaust <input checked="" type="checkbox"/> Mechanical <input type="checkbox"/> Other	Eye Protection: Chemical Resistant Goggles or Face shield.
Protective Gloves: Impervious - (ie:Neoprene)	Other Protective Clothing: Emergency shower & eyewash facility should be in close proximity (ANSI Z358.1).

SECTION 9 - SPILL OR LEAK PROCEDURES

Steps to be Taken If Released or Spilled: Wear appropriate protective equipment. Do not touch or walk through spilled material. Stop leak if you can without risk. Dike ahead of large spills to prevent run-off. Mop, pump or take up with sand or other inert absorbent and reclaim into sound containers for proper disposal.
Waste Disposal Methods: Dispose of in an approved waste facility according to Federal, State and local regulations. Triple rinse container before recycle.

SECTION 10 - STORAGE AND HANDLING INFORMATION

Precautions to be Taken In Handling and Storage: Use only according to label directions. Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Store in original container, in a cool, dry place with adequate ventilation. Wash thoroughly after handling. Keep container closed when not in use.

The health hazards given on this Material Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

HMIS
HAZARD
RATING

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1
PERSONAL PROTECTION	X

0 - LEAST
1 - SLIGHT
2 - MODERATE
3 - HIGH
4 - EXTREME