

MATERIAL SAFETY DATA SHEET
(Prepared According to 29 CFR 1910.1200)

Prepared By: M. Cueto

Effective Date: 08/10/05

SECTION 1- PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

Product Name: ACID BATHROOM CLEANER
Generic Name: High Acid Emulsion Bowl Cleaner
Product Group: Restroom Cleaners

Supplier's Name: SANITARY MAINTENANCE & SUPPLY
P.O. BOX 1425
AVON PARK, FL 33826
Phone #: (813)-890-6594

SECTION 2- INGREDIENT INFORMATION

CHEMICAL NAME	CAS #	WT %	PEL	TWA-TLV	STEL-TLV
Water	7732-18-5	to 100	N/A.	N/A.	N/A.
Hydrochloric Acid	7647-01-0	23 min	C5 ppm	C5 ppm	N/A.
Nonionic Surfactant	9016-45-9	0 to 5	N/A.	N/A.	N/A.
Acrylic Latex	N.A.	0 to 5	N/A.	N/A.	N/A.

SECTION 3- PHYSICAL DATA

Boiling Point: 205° F
Vapor Pressure: 33mm Hg @ 68° F
% Volatile: 90+%
Solubility in Water: complete
Physical Description: Thin white opaque liquid with pleasant odor.

Specific Gravity: 1.175
Vapor Density (Air=1): >1
pH: .5 - 1.0
Evaporation Rate (Water=1): <1

SECTION 4- FIRE AND EXPLOSION HAZARD DATA

Flash Point: N.A.
Extinguishing Media: N.A.
Special Firefighting Procedures: N.A.
Unusual Fire and Explosion Hazards: N.A.
Upper Explosion Limits: N.A. **Lower Explosion Limits:** N.A.

SECTION 5- REACTIVITY DATA

Stability: stable
Hazardous Polymerization: None.
Incompatibility (Materials to Avoid): Corrosive to many materials, Strong alkalis or oxidizers, bleaching agents, amines and carbonates, Contact with metals, metal oxides, soft metals and iron may generate hydrogen gas.
Hazard Decomposition Products: Hydrogen gas formed on contact with metals. HCL vapors emitted when heated. Chlorine gas may form by electrolysis or oxidation.

SECTION 6- STORAGE AND HANDLING INFORMATION

Keep out of reach of children. For use by trained personnel only. Do not mix with alkali cleaners, oxidizers or other cleaning products. Keep container closed during storage. For industrial and institutional use only. Avoid contact with eyes, skin and clothing. Wear rubber gloves and protective eyewear when handling. Wash hands after each use. Avoid breathing mist or vapors. Use in well ventilated area only. Avoid contact with aluminum, Brass, iron, and strong alkali cleaners or bleaches.

SECTION 7- HEALTH HAZARDS AND FIRST AID

Effects of Overexposure
Skin: Severe skin irritant. Prolonged or repeated contact will cause permanent chemical burns.
Eyes: Severe eye irritant. Liquid and mists will burn or injure eyes, causing permanent corneal damage.
Inhalation: Strong irritant to mucous membranes of the nose, throat, and lungs. Vapors may cause choking, burning sensation of throat and lungs, leading to irreversible damage. May be fatal. Chronic exposure may damage teeth.
Ingestion: Irritating and corrosive to mouth and throat on immediate contact. May be fatal. Causes severe ulceration of mucous membranes.
First Aid Procedures
Skin: Immediately remove contaminated clothing. Flush exposed area with large quantities of water followed by washing with mild soap. Seek medical attention immediately.
Eyes: Immediately flush with large quantities of water for 15 minutes, holding eyelids open. Seek medical attention immediately.
Inhalation: Get to fresh air. Seek medical attention immediately.
Ingestion: DO NOT INDUCE VOMITING. Drink large quantities of water. Seek medical attention immediately.

SECTION 8- SPECIAL PROTECTION INFORMATION

Respiratory Protection: NIOSH approved acid-gas air purifying canister when used in confines or poorly ventilated areas.
Ventilation Requirements: provide mechanical exhaust to keep TLV of Section 2 ingredients (hydrochloric acid) below acceptable limits.
Protective Gloves: full arm length acid-proof rubber, or neoprene
Eye Protection: Chemical splash goggles or full face shield.
Other Protective Equipment: Eyewash station nearby, chemical resistant apron should be worn when danger of splash contact will occur.

SECTION 9-SPILL OR LEAK PROCEDURES

Cleanup Procedure for Spills: Immediately evacuate all unessential personnel from area. Ventilate area well. Acquire special protection equipment as noted in Section 8. Absorb spill with inert material. Neutralize with soda ash or lime. Avoid discharge to sewer or open waterways.
Waste Disposal: Any method in accordance with local, state, and federal laws. Best method is to recycle or reuse for intended purposes. If disposed of in its purchased form, this product has the RCRA characteristic of corrosivity and would have an EPA Hazardous waste number of D002. Do not dispose of into storm drain, stream, river, or to ground. Rinse containers thoroughly before discarding in trash. Consult local authorities for disposal in public sewer. Rinse container thoroughly before discarding in trash.

SECTION 10-REGULATORY INFORMATION

<p>SARA Title III – Section 311/312 – Hazard: (Y/N): Fire: N Sudden Release of Pressure: N Reactivity: N Acute (IMMEDIATE) Health Hazard: Y Chronic (DELAYED) Health Hazard: N Other: May aggravate pre-existing skin, eye or respiratory conditions with long term exposure.</p>	<p>Shipping Information, Shipping Name: Containers > 1 gallon: compound, cleaning liquid (hydrochloric acid) 8,NA-1760 PG II Container 1 gallon: compound, cleaning liquid (hydrochloric acid) 8,NA-1760 PG II Container < 1 gallon: compound, cleaning liquid (hydrochloric acid) 8,NA-1760 PG II</p>	HMIS Hazardous Material Identification System	
		Health	3
		Flammability	0
		Reactivity	1
		Personal Protection	D

For **emergency** and **medical** help line, call **INFOTRAC** at **1-800-535-5053**, 24 hours a day, 7 days a week for information on all our products and/or MSDS. Obtain an MSDS at www.pride-enterprises.org/MSDS/menu.htm or call customer service at **(813)-890-6594**

SECTION 11- OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts No responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept NO liability for damages or loss incurred from the improper handling and use of this product.