

MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFT 1910.1200)

SECTION I – PRODUCT IDENTIFICATION

Product Name: 410 Bowl Cleaner
Product Number: P2512A
Product Type: Bowl Cleaner
Supplier's Name: Northland Manufacturing
Supplier's Address: 3485 S. Monroe St./Tallahassee, FL 32031

Date Prepared: 10/18/10
Emergency Phone: (850) 850-6804

HMIS Rating
Minimal: 0 Slight: 1
Moderate: 2 Serious: 3
Extreme: 4
HEALTH: 1/FIRE: 2/
REACTIVITY: 0

SECTION II – HAZARDOUS INGREDIENTS

Chemical Name	CAS#	OSHA PEL	TLV (source)
Hydrochloric Acid	7647-01-0	N/L	5ppm
Tergitol Nonionic Surfactant NP10	26027-38-3	N/E	N/E
Lytron E305	N/A mixture	50ppm	50ppm

SECTION III – PHYSICAL DATA

Boiling Point: 80°C
Ph: less than 1
Solubility in Water: Complete
Appearance/Odor: Milky white color with pungent, sharp odor.

Evaporation Rate (Butyl Acetate = 1): N/A
Melting Point: N/A
Vapor Density (Air = 1): N/E
Specific Gravity (H2O = 1): 1.130

SECTION IV – FIRE AND EXPLOSION DATA

Flash Point: None
Extinguishing Media: No fire or explosion hazard exists directly from HCL. Firefighting equipment suitable for other hazards present.
Unusual Fire/Explosion Hazards: Latent fire/explosion hazard when HCL contains metal due to generation of hydrogen.
Special Fire Fighting Procedures: Should the area of the fire contain HCL vapors, firefighter should be protected by full cover plastic, rubber protective clothes and self-contained breathing apparatus. Latent fire/explosion hazard when HCL contains metal due to generation of hydrogen.

SECTION V – REACTIVITY DATA

Stability: Material stable.
Incompatibility: Keep away from oxidizing agents.

Hazardous Polymerization: N/A
Hazardous Decomposition Products: N/A

SECTION VI – STORAGE AND HANDLING

Precautions to be Taken in Handling/Storage: Avoid contact with skin and eyes. When storing, make sure containers are not too full. Allow room for expansion.

SECTION VII – HEALTH AND FIRST AID

Eyes: Wash freely with water for 15 minutes. Get prompt medical attention.
Skin: Wipe off the acid gently. Immediately flood the surface with water (using soap freely). Cover with water, moist magnesia or baking soda.
Ingestion: Call physician immediately. Drink a teaspoonful or more of magnesia, chalk or small pieces of soap (softened) in milk or raw egg whites.
Inhalation: If bothersome, remove to fresh air.

SECTION VIII – SPECIAL PROTECTION DATA

Protective Gloves: Recommended
Eye Protection: Recommended
Respiratory Protection: N/A

Ventilation: Mechanical
Other Protective Clothing/Equipment: Rubber or protective suits and rubber safety shoes.

SECTION IX – SPILL OR LEAK PROTECTION

Steps to be Taken in Case of Spill or Leak: Flush down sewer with large amounts of water when spilled. A fog nozzle attached to water supply from a fire hose will absorb the gases or vapors in immediate area. Neutralize with soda ash.
Waste Disposal Method: Dispose of in accordance with Federal, State and Local requirements.

N/A = NON APPLICABLE N/E = NOT ESTABLISHED N/D = NOT DETERMINED N/L = NOT LISTED

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with, nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty (expressed or implied) of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.

