

MATERIAL SAFETY DATA SHEET  
(SIMILAR TO OSHA FORM 174)

N.A.=Not Applicable  
Not Est.=Not Established  
Prop.=Proprietary

SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION

**Product Name:** Hombre High Acid Emulsion Bowl Cleaner  
**Supplier's Name:** National Chemical Laboratories of PA, Inc.  
**Supplier's Address:** 401 N. 10th Street • Philadelphia, PA 19123  
**HMIS Hazard Code:** Health:2 Flammability:0 Reactivity:1 Other:0  
**Chemical Family:** Bowl Cleaner  
**D.O.T. Shipping Name:** ORM-D

**Product #:** 1730  
**Emergency Phone #:** CHEM-TEL (800)-255-3924  
**Chemical Name:** N.A. Proprietary Blend  
**Formula:** N.A. Blended Product  
**Hazard Class:** N/A **D.O.T ID#:** N/A

SECTION 2-HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	% Concentrate Range	Hazard Ratings (TLV/PEL)
*Hydrochloric Acid	7647-01-1	PROP.	5 ppm
Tergitol Nonionic Surfactant NP10	26027-38-3	PROP.	NE
Lytron E305	CAS# N/A Mixture	PROP.	50 ppm

\*Contents are reportable under SARA Title III.

SECTION 3-PHYSICAL DATA

**Boiling Point (F):** 80°F  
**Vapor Pressure (mm Hg.):** 25mm HG  
**Vapor Density (air = 1):** NE  
**Solubility In Water:** Complete  
**Appearance:** Milky green  
**Odor:** Pungent, sharp, irritating odor

**Specific Gravity:** 1.130  
**Melting Point:** N/A  
**Evaporation Rate (Butyl Acetate = 1):** N/A

SECTION 4-FIRE AND EXPLOSION DATA

**Flash Point (F):** None. **Flammable Limits:** N/A  
**Extinguishing Media:** Since no fire or explosive hazard exist directly from HCL, fire fighting equipment suitable for other hazards present.  
**Special Fire Fighting Procedures:** Should the area of the fire contain HCL vapors, firemen should be protected by full cover plastic rubber protective clothes & self contained breathing apparatus.  
**Unusual Fire & Explosion Hazards:** Latent fire or explosion hazard when HCL contacts metal, due to generation of hydrogen.

SECTION 5-HEALTH HAZARD DATA

**Route(s) of Entry:** Inhalation:Yes Skin:Yes Ingestion:Yes

**Emergency & First Aid Procedures:** **Ingestion:** Call a physician immediately. Drink a teaspoonful or more of magnesia or chalk, wall plaster or small pieces of soap softened in milk or raw egg whites. **Eyes:** Wash with water for 15 minutes. Get prompt medical attention. **Skin Contact:** Wipe off the acid gently, immediately flood the surface with water, using soap freely then cover with moist magnesia or baking soda. **Inhalation:** If bothersome, remove from area.

**Health Hazards (acute or chronic):** None known.

**Carcinogenicity: NTP? IARC Monographs? OSHA Regulated?** N/A.

**Signs and Symptoms of Exposure:** Large amounts of fumes may result in coughing, choking and inflammation of the respiratory tract; exposed individuals should leave area immediately.

**Medical Conditions Generally Aggravated by Exposure:** None determined.

SECTION 6-REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** Do not mix with bleach type products.  
**Incompatibility (materials to avoid):** Keep away from oxidizing agents.  
**Hazardous Polymerization:** Will not occur.  
**Conditions to Avoid:** N/A

SECTION 7-SPILL OR LEAK PROCEDURES

**Steps to be taken if material is released or spilled:** 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 Government Regulations.

SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** None required.  
**Ventilation:** Local Exhaust Adequate Special.  
Mechanical (general) adequate.  
**Protective Gloves:** Recommended.  
**Eye Protection:** Goggles can be worn.  
**Other Protective Equipment:** Rubber or plastic suits and rubber safety shoes.

SECTION 9-SPECIAL PRECAUTIONS

**Precautions to be taken in handling and storage:** Avoid contact with skin or eyes. When storing make sure containers are not too full. Allow room for expansion.  
**Other Precautions:** None known.

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