

MATERIAL SAFETY DATA SHEET

09/24/2010

MANUFACTURED FOR: TRIPLE S 2 Executive Park Drive Billerica, MA 01862 1-800-323-2251
EMERGENCY TELEPHONE: 1-888-779-1339

SECTION 1 - PRODUCT

NAME: EMULSION BOWL CLEANER
Triple S Product No: 13005
Product Type: Acid Toilet Bowl Cleaner

SECTION 2 - INGREDIENTS

Hydrochloric Acid CAS #7647-01-0 Wt%=20.32
TLV (CEILING) 5PPM (based On HCl gas)

SECTION 3 - HEALTH HAZARD & FIRST AID

1. Acute health effect: Yes
2. Chronic Health Effect: Yes
3. Carcinogen NO
4. Primary Entry Routes:
 - a) Inhalation: Hydrogen Chloride gas and vapor can cause damage of respiratory tract and nasal passages causing burning, choking, coughing, headaches, and irreversible damage to respiratory tract.
 - b) Skin and Eyes: Liquid and vapor can cause severe irritation and burning of the skin and eyes. Repeated exposure may cause skin damage. Liquid or vapor can cause severe eye irritation and burns including blindness.
 - c) Ingestion: Causes burns of the mouth, esophagus, and stomach.
5. First Aid:
 - a) Inhalation: Move person to fresh air. If breathing stops give artificial respiration-get immediate medical attention.
 - b) Skin: Remove contaminated clothing and wash skin with soap and water. If irritation persists get medical attention.
 - c) Eyes: Wash eyes with large volumes of water for at least 15 minutes while lifting the upper and lower eyelids and rotating the eyeball. Get medical attention.
 - d) Ingestion: Give 3-4 glasses of milk (if unavailable give water) DO NOT induce vomiting-if vomiting occurs, give fluids again and get immediate medical attention.

SECTION 4 - Physical & Chemical Characteristics

1. Physical State Liquid
2. Color Clear Amber
3. Odor Mint
4. Solubility in water Complete
5. Specific Gravity (H₂O=1.0) 1.10
6. pH <1.0
7. Freezing Point N/A
8. Flash Point None (will not burn)
9. Vapor Pressure N/A

SECTION 5 Fire and Explosion Hazard

1. Flash Point None (will not burn)
2. Extinguishing Media N/A
3. Special Fire Fighting Procedures N/A
4. Unusual Fire & Explosion Hazard Fire fighters should observe all precautions that apply to any fire where chemicals are stored. Products of combustion are toxic.

SECTION 6 - Reactivity Data

1. Stability Stable
2. Conditions to Avoid Do not mix with oxidizing agents, bleach, strong alkalis or acids.

HMIS HAZARD RATING

HEALTH SALUD	3	0- LEAST / MÍNIMO 1- SLIGHT / LIGERO 2- MODERATE / MODERADO 3- HIGH / SERIO 4- EXTREME / MUY GRAVE
FLAMMABILITY INFLAMABILIDAD	0	
REACTIVITY REACTIVIDAD	1	
PERSONAL PROTECTION PROTECCIÓN PERSONAL	B	B - glasses / lentes + gloves / guantes

SECTION 7 - SPILL OR LEAK PROCEDURES

1. DANGER. CORROSIVE MATERIAL. Floors may become slippery. Toxic and corrosive vapors of hydrogen chloride may be produced. Wear recommended Personal Protection Equipment.
2. If product leaks or spills - Flood area with water-mop up dispose to sanitary sewer.
3. Acid may be neutralized with baking soda.
4. Abide by Federal, State, and Local regulations.

SECTION 8 - PERSONAL PROTECTION(*)

1. Use this product in a well ventilated area.
2. Wear safety glasses.
3. Wear rubber gloves.

SECTION 9 - SPECIAL PRECAUTIONS

1. Store containers tightly closed and in an upright position. Store at temperatures below 140F.
2. Do not destroy or deface the label.

SECTION 10 - SECTION 313 SUPPLIER NOTIFICATION (SARA)

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

None

SECTION 11 - Toxicological Information

Based on available animal toxicity data for similar products, this product will cause severe skin or eye damage and/or burns upon direct or prolonged contact or inhalation.

SECTION 12 - Ecological Information

None

SECTION 13 - Disposal Considerations

1. See Section 7 above.

SECTION 14 - DOT Transport Information

1. This product is in Package Group II.
2. Liters and smaller are classed as CONSUMER COMMODITY ORM-D thus are exempt from regulation.
3. Gallons and larger ARE regulated.
4. The Bill of Lading Proper Shipping Name:
UN3264, Corrosive liquid, acidic, inorganic, n.o.s. (contains Hydrochloric Acid), 8, II

SECTION 15 - Other Regulatory Information

All ingredients appear on the TSCA Inventory List.

SECTION 16 - Other Information

*Revision 2010-09-24 in Section 8.

1. N/A = Not Applicable

2. PMCC = Pensky Martin Closed Cup

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.