

**1. Identification:****Product Identity:** 2300 Bowl Cleaner**Recommended Use:** Acid Cleaner**Producer / Distributor**Multi-Clean  
600 Cardigan Road  
Shoreview, MN 55126**Telephone Number for Information:** 651-481-1900**Emergency Telephone Number:** 800-255-3924

**Multi-Clean**<sup>®</sup>  
Your Guide To Clean

**2. Hazard Identification:****Classification:****Health Class**Acute Toxicity Category 4  
Skin Corrosion Category 1  
Serious Eye Damage Category 1  
Specific Target Organ Toxicity Category 3**Physical Class**

Corrosive to Metal

**Environment Class****Label****Symbols****Signal Word** Danger**Hazard Statements:**Harmful if swallowed.  
Causes severe skin burns and eye damage.  
May cause respiratory irritation.  
May be corrosive to metals.**Precautionary Statements:**Do not breathe mist/vapors/spray.  
Wash hands, face and any skin contact thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Keep only in original container.  
Wear protective gloves, protective clothing, eye protection, face protection.  
IF IN EYES-Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF ON SKIN (or hair)-Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.  
IF SWALLOWED-Rinse mouth. Do NOT induce vomiting.  
IF INHALED-Remove to fresh air and keep at rest in a position comfortable for breathing.  
Immediately call a POISON CENTER or doctor/physician.  
Keep only in original container.  
Keep container tightly closed.  
Absorb spillage to prevent material damage.  
Store locked up in corrosive resistant container in a well-ventilated place.  
Absorb spillage to prevent material damage.  
Dispose of contents in accordance with local regulations.**3. Composition/Information on Ingredients**

Ingredient	CAS Number	Percent by Weight
Hydrogen Chloride	7647-01-0	23
Water	7732-18-5	60 - 100

**4. First-Aid Measures:****Ingestion:** If Swallowed: Call a Poison Control Center or doctor for treatment advice. Rinse mouth with water. Then drink 1-2 glasses of water. Never give anything by mouth to an unconscious person. Do not induce vomiting unless told to do so by the Poison Control Center or Doctor. Get immediate medical attention.**Eye Contact:** Flush eyes with running water for at least 15 minutes. Remove contact lenses, if present after 5 minutes, then continue rinsing eye. Get immediate medical attention.**Skin Contact:** Flush with water for 15 minutes. Remove and wash contaminated clothing. Flush area for 15-20 minutes. Call doctor for treatment advice.**Inhalation:** Move to fresh air.

**5. Fire Fighting Measures:****Suitable Extinguishing Media:** Water - Foam - Water Fog**Special Fire Fighting Procedures:** Not Applicable**Unusual Fire and Explosion Hazards** Hydrogen chloride is non-flammable, however flammable hydrogen gas can be generated when it is in contact with metals.**6. Accidental Release Measures:**

Dike and contain spill with inert material (sand, earth, etc.). Collect spill with a mop, absorbent material (example: floor-dry) or vacuum. Thoroughly rinse affected area with water.

**7. Handling and Storage:****Handling:** Keep from freezing. Keep out of reach of children.**Storage:** Normal care for storage.**8. Exposure Controls / Personal Protection:****Exposure Limits:****Ingredients**

Hydrogen Chloride

**CAS Number**

7647-01-0

**Osha PEL**

5 ppm

**ACGIH TLV**

5 ppm

**Exposure Controls:****Engineering Controls:** Ventilate to maintain vapor levels below exposure limits.**Personal Protective Equipment:****Eye Protection:** Approved Safety Goggles or Glasses**Skin Protection:** Chemical Resistant Rubber Gloves**Respiratory Protection:** Not required, where ventilation is sufficient to maintain vapor level below listed TLV.**9. Physical and Chemical Properties:****Physical State:** Liquid**Appearance:** Pink**Odor:** Acid**Solubility:** Complete**Evaporation Rate:** NA**Vapor Pressure (MM HG):** NA**Vapor Density (Air = 1):** > 1**pH:** < 1**Specific Gravity (H<sub>2</sub>O = 1):** 1.1**Flammability:** None**Flash Point:** None**Boiling Point:** > 212° F (100°C)**%volatile:** > 90%**10. Stability and Reactivity:****Chemical Stability:** Stable**Possibility of Hazardous Reactions:** None are known**Incompatibility (Materials to Avoid):** Chlorine Bleach, Oxidizing Agents**Hazardous Decomposition or By-products:** None**Hazardous Polymerization:** Will not Occur**Conditions to Avoid:** Contact with Metals**11. Toxicological Information:****Signs and Symptoms of Overexposure:** Severe burns or Irritation on direct contact**Acute Effects:****Eye Contact:** Causes severe burns on contact**Skin Contact:** Causes severe burns on contact**Inhalation:** Vapors may be harmful**Ingestion:** Harmful if swallowed**Target Organ Effects:** Skin, Eyes, Respiratory System**Chronic Effects:** None Known**Acute Toxicity Values:****Oral LD<sub>50</sub>** = > 5000 mg/kg**Dermal LD<sub>50</sub>** = > 5000 mg/kg**Inhalation (Vapor) LC<sub>50</sub>** = > 50 mg/l**12. Ecological Information:****Persistence and Degradability:** Not Available**Bio Accumulative Potential:** Not Available**Mobility in Soil:** Not Available**Aquatic Toxicity:** Not Available

**13. Disposal Considerations:**

Material that cannot be used during normal use should be disposed of in accordance with all applicable local, state and federal regulations. Waste from normal cleaning procedures may be neutralized and disposed of in a sanitary sewer depending on the materials and/or contaminants being cleaned as well as local, state and federal sewer regulations.

**14. Transportation Information:**

**UN Number:** 3264  
**Shipping Name:** Corrosive, Liquid, Acidic, Inorganic, N.O.S. (Hydrochloric Acid)  
 Limited Quantity for 1 Liter or less containers  
**Transport Hazard Class:** 8  
**Packing Group:** II  
**Marine Pollutant:** NO

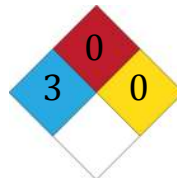
**15. Regulatory Information:**

**TSCA Status:** All ingredients listed  
**Clean Water Act:** Hydrogen Chloride (7647-01-0) is listed in the Clean Water Act as a Hazardous Substance.  
**Clean Air Act:** Hydrogen Chloride (7647-01-0) is listed as a hazardous air pollutant (HAP)  
**CERCLA Reportable Quantity:** Hydrogen Chloride (7647-01-0), > 5000 lbs.  
**SARA Title III Information:**  
**Section 302 Extremely Hazardous Chemicals:** Hydrogen Chloride (7647-01-0)  
**Section 311 / 312 Hazard Category:** Immediate Health, Chronic Health  
**Section 313 Toxic Chemicals:** Hydrogen Chloride (7647-01-0)  
**State Regulations:** None  
**International Regulations:** None

**16. Other Information:**

**Prepared By:** Eric Scholl  
**Telephone Number:** 651-481-1900  
**Revision Date:** 6/7/2013  
**Supersedes:** 4/1/2012

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<b>Health</b>	3
<b>Flammability</b>	0
<b>Physical hazards</b>	0