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1. Identification:

Product Identity: **950 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

2. Hazard Identification:

Classification:

Health Class	Physical Class	Environment Class
Skin Corrosion Category 1 Serious Eye Damage Category 1	Corrosive to Metal	

Label

Symbols

Signal Word Danger

Hazard Statements:

Causes severe skin burns and eye damage.
May be corrosive to metals.

Precautionary Statements:

Do not breathe mist/vapors/spray.
Wash hands, face and any skin contact thoroughly after handling.
Wear protective gloves, protective clothing, eye protection, face protection.
Keep only in original container.
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
Absorb spillage to prevent material damage.
Store locked up in corrosive resistant container
Dispose of contents in accordance with local regulations.

3. Composition/Information on Ingredients

Ingredient	CAS Number	Percent by Weight
Hydrogen Chloride	7647-01-0	9.5
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	CAS Number	Osha PEL	ACGIH TLV
Hydrogen Chloride	7647-01-0	5 ppm	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: Green

Odor: Acid

Solubility: Complete

Evaporation Rate: NA

Vapor Pressure (MM HG): NA

Vapor Density (Air = 1): > 1

pH: < 1

Specific Gravity (H2O = 1): 1.05

Flammability: None

Flash Point: None

Boiling Point: > 212° F (100°C)

%volatile: > 95%

10. Stability and Reactivity:

Chemical Stability: Stable

Possibility of Hazardous Reactions: None are known

Incompatability (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_{50} = > 5000 mg/kg

Dermal LD_{50} = > 5000 mg/kg

Inhalation (Vapor) LC_{50} = > 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: 2/11/2015

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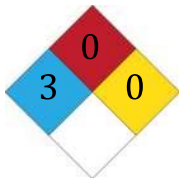

Health	3
Flammability	0
Physical hazards	0