



SECTION 1 - IDENTIFICATION

Manufacturer: Black Swan Mfg. Co. 4540 W. Thomas St. Chicago, IL 60651-3318 Tel.: 800-252-5796 Fax: 773-227-3705 Web Site : www.blackswanmfg.com E-mail : info@blackswanmfg.com	For any Transportation or Medical Chemical Emergencies call: INFOTRAC (800) 535-5053 OR (352) 323-3500 24 hours per day - 7 days a week
Product Name: Bowl & Porcelain Cleaner	Recommended Use: Concentrate used to clean toilet bowls, urinals, bathtubs and other enameled and plated surfaces.

SECTION 2 – HAZARD(S) IDENTIFICATION

Labels  Irritant	NFPA HEALTH HAZARD 4 – Deadly 3 – Extreme Danger 2 – Hazardous 1 – Slight Hazardous 0 – Normal Material SPECIFIC HAZARD Oxidizer OX Acid ACID Alkali ALK Corrosive COR Use NO WATER W Radioactive  FIRE HAZARD Flash Points 4 – Below 73°F 3 – Below 100°F 2 – Above 100°F, Not exceeding 200°F 1 – Above 200°F 0 – Will not burn REACTIVITY 4 – May detonate 3 – Shock and heat may detonate 2 – Violent chemical change 1 – Unstable if heated 0 – Stable 	GHS Classification Health Acute Toxicity: Not Established Skin Irritation: Not Established Eye Irritation: Not Established Skin Sensitization: No Environmental Acute Aquatic Toxicity: Not Established Chronic Aquatic Toxicity: Not Established Physical None
Signal Word Warning		
HMIS HEALTH1 FLAMMABILITY1 REACTIVITY0		
Hazardous Statements H303: May be harmful if swallowed. H313: May be harmful in contact with skin. H319: Causes serious eye irritation	Precautionary Statements P102: Keep out of reach of children P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking P262: Do not get in eyes, on skin, or on clothing P264: Wash thoroughly after handling P270: Do not eat, drink or smoke when using this product	

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemicals</u>	<u>CAS#</u>	<u>EINECS#</u>	<u>REACH</u> <u>Pre-registration Number</u>	<u>Approx %</u>
HYDROCHLORIC ACID	7647-01-0	231-595-7	N/A	10-15%

*Unlisted ingredients are not classified as hazardous according to OSHA 1910.1200.

SECTION 4 – FIRST-AID MEASURES

Inhalation: Move into fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and call physician. Skin: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water. If rash or burn appears consult a physician. Cover with moist magnesia or baking soda. Eyes: Flush with water for 15 minutes. Get immediate medical attention. Cover with moist magnesia or baking soda. Ingestion: Immediately call a physician. Drink a teaspoonful or more of magnesia, chalk, wall plaster, plaster or small pieces of soap softened in milk or raw egg white.
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SECTION 5 – FIRE-FIGHTING MEASURES

Fire Hazard: Keep away from oxidizing agents.
Combustion Products: None known.
Extinguishing Media: Water, Carbon Dioxide, Chemical Foam.
Unsuitable Extinguishing Media: None known.
Protective Equipment: Self-contained breathing apparatus {(SCBA), MSHA/NIOSH}. Full protective gear.
Special Fire Fighting Procedures: Evacuate enclosed areas, stay upwind. Closed or confined quarters require self-contained breathing apparatus, positive pressure hose masks or airline masks. Use water spray to cool containers, to flush spills from sources of ignition and to disperse vapors. HCL fumes react with most common metals to produce hydrogen gas which can be a fire and/or explosion hazard.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions: Prevent contact with skin or eyes.
Protective Equipment: Wear suitable respiratory protective equipment.
Emergency Procedures: Remove all sources of ignition and ventilate area. For leaks, stop leak if it can be done safely. Evacuate area and keep unnecessary and unprotected personnel from entering the spill area.
Environmental Precautions: Avoid runoff into storm sewers, ditches and waterways.
Methods for Cleaning Up: Flush with plenty of water or neutralize with soda ash. For small spills, use chemical absorbent and sweep up. For large spills, contain and collect.

SECTION 7 – HANDLING AND STORAGE

Handling

Avoid contact with eyes and skin. Avoid prolonged breathing of vapor and mist. Use with adequate ventilation. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep products away from heat, sparks, flames and all other sources of ignition. Keep containers closed when not in use.

Storage

Store in a cool, dry, well-ventilated area away from incompatible materials. Keep container closed when not in use. Keep away from heat, sparks, open flame and other sources of ignition. When storing make sure containers are not too full. Under extremely hot conditions, allow room for expansion. **Incompatible Materials:** Strong caustic materials.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

<u>Hazardous Chemicals</u>	<u>Exposure Limits</u>		
	<u>ACGIH-TLV</u>	<u>ACGIH-STEL</u>	<u>OSHA-PEL</u>
HYDROCHLORIC ACID	5 ppm	N/A	5 ppm
Engineering Controls: A source of running water to flush or wash the eyes and skin in case of contact. Use local exhaust as needed. Ventilation: Local ventilation is adequate. Personal Protective Equipment – Respiratory: Not required for normal use. Personal Protective Equipment – Skin: Rubber gloves. Personal Protective Equipment – Eyes: Goggles/Face shield.			

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance:	Pink	Flash Point:	142°F	Vapor Pressure:	18
Odor:	Pleasantly Scented	Specific Gravity:	1.028	Flammability:	Not Established
pH:	<1	Solubility (H2O):	Complete	Flammability Limits:	LEL – Not Established
Melting Point:	Not Established	Evaporation Rate:	<1		UEL – Not Established
Freezing Point:	Not Established	Vapor Density:	<1		
Boiling Point:	212°F	VOC:	0 g/l		

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SECTION 10 – STABILITY AND REACTIVITY

Stability: Stable.

Hazardous polymerization: Will not occur.

Conditions to avoid: Avoid heating to abnormal temperatures.

Incompatible materials: Strong caustic materials.

Hazardous decomposition products: None known.

SECTION 11 – TOXICOLOGICAL INFORMATION

Hazardous Chemicals

HYDROCHLORIC ACID

Toxicity

LD₅₀

Oral – 900 mg/kg (rabbit)

LC₅₀

Inhalation – 5666 ppm – 30 minutes (rat)

Inhalation – 31008 ppm – 5 minutes (rat)

Likely Routes of Exposure: Skin Contact and Ingestion.

Symptoms and Effect - Inhalation: May irritate nose and throat. **Skin Contact:** May cause skin irritation. **Eye Contact:** May irritate eyes. **Ingestion:** May irritate gastrointestinal tract and affect other internal organs.

Long-Term Effect: None known.

Pre-Existing Conditions: None known.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None known.

Persistence & Degradability: None known.

Bioaccumulative Potential: None known.

Mobility in soil: In normal use, emission of Volatile Organic Compounds (VOC's) to the air takes place, typically at a rate of 0g/l.

SECTION 13 – DISPOSAL CONSIDERATION

Dispose of product or container in accordance with federal, state or local regulations.

SECTION 14 – TRANSPORTATION INFORMATION

D.O.T. (U.S.): Not Regulated.

SECTION 15 – REGULATORY INFORMATION

Precautionary Label Information: None.

Risk Phrases: R22-Hamful if swallowed. R34-Causes burns.

Safety Phrases: S2-Keep out of reach of children. S9-Keep container in a well-ventilated place. S16-Keep away from sources of ignition-No smoking. S26-In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

SECTION 16 – OTHER INFORMATION

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Mfg. Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents and contractors of the information on the sheets.

DATE: 01/01/2026