SAFETY DATA SHEET
Brilliant Bowl
48360

Bay City Sanitation Maintenance Supply

1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Use of Preparation: Bowl Cleaner
Company Identification:
Bay City Sanitation Maintenance Supply
189 Brock Street
Barrie, ON
L4N 2M3

Company Emergency Telephone Number(s):
1-800-265-5950
Transportation Emergency Telephone Number(s):
CANUTEC 613-996-6666 or *666 for cell phone

2 HAZARD IDENTIFICATION

GHS Hazards: Corrosive to Metals Category 1 H290
Skin corrosion/irritation Category 1A H314
Acute toxicity,inhalation Category 4 H332
STOT, single exposure; Respiratory tract irritation Category 3 H335

Hazard Pictograms :

GHS Label Elements, Including Precautionary Statement

Signal Word: DANGER

Hazard Statements: May be corrosive to metals.. Causes severe skin burns and eye damage.. Harmful if inhaled.. May cause respiratory irritation.

Precautionary Statements: Keep only in original container. Do not breathe fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all

contaminated clothing. Rinse SKIN with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. Call a POISON CENTER or doctor/physician if you feel unwell. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.

Storage: Store in a closed container. Store locked up.

Disposal: Dispose of contents/container according to Local Provincial and Federal regulations

3 COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient Name	CAS#	Classification	% by Wt
Hydrochloric Acid	7647-01-0	Corrosive to Metals Category 1 H290 Skin corrosion/irritation Category 1A H314 Serious eye damage/eye irritation Category 1 H318 Acute toxicity,inhalation Category 4 H332 STOT, single exposure; Respiratory tract irritation Category 3 H335	15-35%

4 FIRST AID MEASURES

Inhalation: Remove victim to fresh air. If symptoms persist, call a physician

Eye Contact: IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Consult a doctor immediately.

Skin Contact: Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse. If irritation persists seek medical attention

Ingestion: Immediately call physician. DO NOT induce vomiting. Give several glasses of water. Never give anything by mouth if victim is unconscious or convulsing.

Most Important Symptoms and Effects: Severe burns to eyes, skin and respiratory tract.

Notes to Physician: Treatment based on judgment of attending physician.

5 FIRE FIGHTING MEASURES

Suitable extinguishing media: Use dry chemical, CO2, water spray (fog) or foam.

Unsuitable extinguishing media: not known

Special exposure hazards: This product causes burns of eyes, skin and mucous membranes. Thermal decomposition may lead to release of irritating and toxic vapors. In the event of fire and/or explosion do not breathe fumes.

Special safety equipment: Self contained breathing apparatus and full protective clothing required for extinguishing fire.

Fire and explosion: None

Further information: None

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Avoid inhalation, ingestion and contact with skin and eyes. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators. Ensure clean-up is conducted by trained personnel only. Refer to protective measures listed in Sections 7 and 8

For Non-Emergency Personnel

Protective Equipment: Wear adequate personal protective equipment

Emergency Procedures: Wear adequate personal protective equipment

For Emergency Personnel

Protective Equipment: Wear adequate personal protective equipment

Emergency Procedures: Wear adequate personal protective equipment

Environmental Precautions: Prevent release to the environment if possible. Dike large spills to prevent material from entering streams or sewer systems.

Methods and Material for Containment and Cleaning Up

For Containment: Soak up inert absorbent material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal

Methods for Cleaning Up: Contain spillage and then collect with noncombustible absorbent material(e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local/national regulation. Flush away traces with water. For large spills, dike spilled material or otherwise contain material to ensure runoff does not reach a waterway.

Reference to Other Sections: None

7 HANDLING AND STORAGE

Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. Avoid splashes or spray in enclosed areas. Ensure good ventilation/exhaustion at the workplace.

Information about fire and explosion protection: none

Requirements to be met by storerooms and receptacles: Keep container closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Keep away from incompatible materials such as alkalis, reducing and oxidizing agents, bleach and ammonia. Do not mix with any other chemicals

Information about storage in one common storage facility: unknown

Further information about storage conditions:	none
Specific end use:	not applicable

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limit are exceeded or if irritation or other symptoms are experienced.
Hand protection:	Wear coveralls with long sleeves, gauntlets and gloves of PVC or neoprene.
Eye protection:	Use chemical goggles and/or a full face shield.
Skin protection:	Wear protective clothing, including boots or safety shoes with polyvinyl chloride (PVC) or neoprene. Wear coveralls with long sleeves, gauntlets and gloves of PVC or neoprene.
Working hygiene:	Handle in accordance with good industrial hygiene and safety practices.
Exposure Guidelines:	A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, Industrial Ventilation, A Manual of Recommended Practices, most recent edition, for details.

	Hydrochloric Acid
TWA ppm:	no data available
TWA mg_m^3:	
STEL ppm:	no data available
STEL mg_m^3:	

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Appearance:	Opaque White
Molecular Weight:	No Data Available
Odour:	Wintergreen
Odour Threshold:	No Data Available
pH:	<1
Melting Point:	No Data Available
Boiling Point:	>=212 F
Flash Point:	No Data Available
Evaporation Rate (BuAc=1):	No Data Available
Flammable Limits in Air:	No Data Available
Upper Flammability Limit:	No Data Available
Lower Flammability Limit:	No Data Available
Vapour Density (Air=1):	>1
Vapour Pressure:	No Data Available
Specific Gravity:	1.10-1.13
Solubility in Water:	Complete
Log Pow (calculated):	No Data Available
Autoignition Temperature:	No Data Available
Decomposition Temperature:	No Data Available
Viscosity:	No Data Available
Solubility in other Solvents:	No Data Available

Partition Coefficient:	No Data Available
n-octanol / Water:	No Data Available
Kinematic Viscosity:	No Data Available
Dynamic Viscosity:	No Data Available
Explosive Properties:	No Data Available
Percent Volatile by Volume:	No Data Available

10 STABILITY AND REACTIVITY

Reactivity:	Normally stable.
Chemical stability:	Stable under recommended storage conditions
Thermal decomposition conditions to avoid:	not known
Possibility of hazardous reactions:	Will not occur
Conditions to avoid:	Unintentional contact with water and moisture. Keep containers tightly closed , when not in use.
Hazardous decomposition products:	CO or CO2. Toxic chlorine fumes
Materials to avoid:	Strong oxidizers, Ammonia, Chlorine, strong alkali materials, Aluminum
Hazardous polymerization:	none

11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Symptoms:	No data available
Sensitization:	No data available
Mutagenic Effects:	No data available
Carcinogenicity:	None of the ingredients are listed by IARC, ACGIH, NTP and OSHA as carcinogen
Reproductive Toxicity:	No data available
STOT single exposure:	Classified as specific target organ toxicant, single exposure, Category 3 with respiratory tract irritation
STOT repeated exposure:	not known
Chronic Toxicity:	May damage organs
Target Organ Effects:	Respiratory Tract

Aspiration hazard: No data available

LD/LC50 values relevant for classification: None

Listed Ingredients:

Hydrochloric Acid	LD50 (oral) 700 mg/kg Rat LD50 (dermal) 5010 mg/kg Rabbit LC50 (inhalation) 3124 ppm (1-hour Rat)

12 ECOLOGICAL INFORMATION

Toxicity: This material is expected to be toxic to aquatic life. / LC50 862 mg/L (Orfe, golden (Leuciscus Idus))

Persistence and Degradability: When released into the soil, this material is not expected to be biodegradable

Bioaccumulative Potential: No Data Available

Mobility in Soil: No Data Available

Other Information: No Data Available

Aquatic Toxicity: No Data Available

Toxicity to algae, fish, invertebrates: No Data Available

Biodegradation: No Data Available

13 DISPOSAL

Waste Disposal Recommendations: Follow local, provincial, state and federal regulations.

Ecology – Waste Materials: no data available

Empty Containers: Triple rinse and dispose according to provincial, state and federal regulations

14 TRANSPORTATION INFORMATION

Department	Proper Shipping Name	Contains	Hazard Class	UN#	Packing Group
Canadian TDG (Road & Rail)	Hydrochloric Acid	Hydrochloric Acid	8	1789	II

15 REGULATION

OSHA/WHMIS 2015 Classification: Corrosive to Metals and Eyes.

California PROP 65: no ingredients listed

Cdn Domestic Substance List (DSL): All Ingredients Listed

HMIS III Rating

Health: 3
Flammability: 0
Physical: 1
Personal Protection: H

16 OTHER INFORMATION

Prepared By:
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L4Y 1Y7

Issuing Date	Version#	Reason for Revision
Jan 22, 2016	1	

Disclaimer:
The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet