

*** MATERIAL SAFETY DATA SHEET ***

SECTION I – Chemical Product & Company Identification

PARKSIDE PROFESSIONAL PRODUCTS	PRODUCT NAME: Scrubber HCL	HMIS RATINGS:
4777 Kent Avenue	PRODUCT USE: Bowl Cleaner	Health 3
Niagara Falls, Ontario L2H 1J5	PRODUCT CODE: FH310	Flammability 0
PHONE: (905) 358-8364	FAX: (905) 358-9680	Reactivity 3
		PPE B
EMERGENCY TELEPHONE NUMBER: CANUTEC (613) 996-6666		Preparation Date: December 1, 2014

SECTION 2 – Hazard Identification

EMERGENCY OVERVIEW

DANGER. CORROSIVE. CAUSES SKIN AND EYE BURNS. HARMFUL OR FATAL IF SWALLOWED. DO NOT MIX WITH AMMONIA, BLEACH OR OTHER CHLORINATED COMPOUNDS.

Principle Routes of Exposure: eye contact, skin contact, inhalation, ingestion.

Acute Effects

Eye Contact:	Corrosive. Causes permanent eye damage, including blindness.
Skin Contact:	Corrosive. Causes permanent damage.
Inhalation:	May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion:	Corrosive. Causes burns to mouth, throat and stomach.

See Toxicological information (Section 11 and 3)

SECTION 3 – Composition/Information on Ingredients

<u>Chemical Name</u>	<u>Wt/Wt%</u>	<u>CAS #</u>	<u>TLV</u>	<u>LD50 (mg/kg)</u>	<u>LC50</u>
Hydrogen Chloride	15-40	7647-01-0	5ppm (ceiling)	900 Oral Rabbit	1108 1 Hour Inhalation Mouse

SECTION 4 - First Aid Measures

Eye Contact:	Immediately flush with running water for at least 15-20 minutes, keeping eyelids open. Get medical attention immediately.
Skin Contact:	Flush immediately with plenty of water for at least 15-20 minutes. Get medical attention immediately.
Inhalation:	If breathing is affected, remove to fresh air. Get medical attention immediately.
Ingestion:	If swallowed, give a cupful of water or milk, THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting. Never give anything by mouth to an unconscious person.

SECTION 5 - Fire Fighting Measures

Upper Flammable Limit:	not applicable
Lower Flammable Limit:	not applicable
Flash Point & Test Method:	not applicable
Auto-Ignition Temperature:	not applicable
Conditions of Flammability:	not flammable
Means of Extinction:	treat for surrounding materials
Sensitivity to Mechanical Impact:	not available
Sensitivity to Static Discharge:	not available
Hazardous Combustion Products:	not applicable
Unusual Fire & Explosion Hazard:	not applicable

SECTION 6 – Accidental Release Measures

Personal Precautions:	Use suitable protective equipment (Section 8). Keep out reach of children.
Environmental Precautions:	Keep container in a cool, well-ventilated area. Keep container tightly closed. Do not allow to enter drains or watercourses in larger volumes.
Methods for Cleaning Up:	For small spills, add absorbent (soil may be used in the absence of other suitable materials), scoop up material and place in a sealable, liquid-proof container for disposal. For large spills, dike spilled material or otherwise contain it to ensure runoff does not reach a waterway. Place spilled material in an appropriate container for disposal.

SECTION 7 – Handling & Storage

Storage Requirements: Keep out reach of children. Keep container in a cool, well-ventilated area. Keep container tightly closed.

SECTION 8 – Exposure Controls and Protective Protection

Engineering Measures to Reduce Exposure: Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment:**Eye Protection:** Chemical splash goggles**Hand Protection:** Chemical resistant gloves**Skin and Body Protection:** Protective footwear.

If major exposure is possible, wear suitable protective clothing and footwear.

Respiratory Protection: In case of insufficient ventilation wear suitable respiratory equipment.**Ventilation:** No special ventilation requirements. General room ventilation is adequate.**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety practice.**SECTION 9 - Physical & Chemical Properties****Physical State:** Viscous Liquid **Specific Gravity:** 1.10-1.16(Water=1) **Vapour Pressure (mm Hg @25°C):** Not Available**pH:** <1.0 **Odour/Appearance:** Pungent/ Opaque White **Freezing Point:** Not Available**Odour Threshold:** Not Available **Boiling Point (°C @ 1 atm):** 100 **Vapour Density:** 1 (Air=1)**Evaporation Rate:** 1 (Water=1) **Viscosity (cps) @ 25°C:** Not Available**Coefficient of Water/Oil Distribution:** Not Available**SECTION 10 – Stability & Reactivity****Conditions of Chemical Instability:** Stable**Special Shipping Information:** Not Applicable**Incompatible Substances:** Oxidizing agents, organic materials, metals, chlorine bleach, ammonia**MAY FORM CHLORINE GAS****Hazardous Decomposition Products:** Not Available**Storage Requirements:** Store in closed containers, away from incompatibles.

Use corrosion-resistant structural materials for containment.

Conditions of Reactivity: Not Applicable**SECTION 11 - Toxicological Information****Routes of Entry:** Eyes, Skin Contact, Inhalation, Ingestion.**Effects of Acute Exposure:**Eye Contact - **CORROSIVE**. Liquid or spray mist may produce tissue damage to mucous membranes of eyes.Skin Contact - **CORROSIVE**. Contact may cause burns.

Inhalation - Inhalation of spray mist may produce irritation of respiratory tract, characterized by coughing, choking, or shortness of breath.

Ingestion - Liquid may produce tissue damage to mucous membranes of the mouth, throat & stomach. Ingestion may cause vomiting, headache & medical problems.

Effects of Chronic Exposure:**Carcinogenicity:** none known**Teratogenicity:** none known**Mutagenicity:** none known**Reproductive Effects:** none known**Sensitization:** none known**Synergistic Materials:** none known

Repeated contact may produce chronic eye irritation & severe skin irritation.

Repeated exposure may produce respiratory tract irritation, leading to frequent attacks of bronchial infection.

Prolonged or repeated exposure can cause drying, defatting & dermatitis.

SECTION 12 - Ecological Information**Biodegradability:** considered biodegradable**BOD/COD Values:** not available**Ecotoxicity:** not applicable**SECTION 13 – Disposal Consideration****For Leaks or Spills:** Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.**Waste Disposal:** Review all Federal, Provincial & local regulations prior to disposal. Consult your local or regional authorities.**SECTION 14 – Transport Information**

Certain shipping modes or package sizes may have exceptions from the transport regulations. The classification provided may not reflect those exceptions and may not apply to all shipping modes or package sizes.

UN CLASSIFICATION: 1789**TDG:** HYDROCHLORIC ACID, Class 8 PGIII - (LTQ)

See shipping documents for specific transportation information

SECTION 15 – Regulatory Information**WHMIS:** E, D1B**Canada Inventory:** Not applicable**SECTION 16 - Other Information****Manufacturer/Supplier:** Parkside Professional Products, 4777 Kent Avenue, Niagara Falls, Ontario L2H 1J5**Telephone:** (905) 358-8364**Preparer:** Parkside Professional Products, 4777 Kent Avenue, Niagara Falls, Ontario L2H 1J5**Telephone:** (905) 358-8364

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