

* * * MATERIAL SAFETY DATA SHEET * * *

SECTION I – Chemical Product & Company Identification

PARKSIDE PROFESSIONAL PRODUCTS
4777 Kent Avenue
Niagara Falls, Ontario L2H 1J5
PHONE: (905) 358-8364

PRODUCT NAME: Scrubber Green
PRODUCT USE: Bowl & Bathroom Cleaner
PRODUCT CODE: FD311
FAX: (905) 358-9680

HMIS RATINGS:
Health 2
Flammability 0
Reactivity 1
PPE B

EMERGENCY TELEPHONE NUMBER: CANUTEC (613) 996-6666 **Preparation Date:** December 1, 2014

SECTION 2 – Hazard Identification

EMERGENCY OVERVIEW

CAUTION: MAY CAUSE EYE AND SKIN IRRITATION. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. **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>
Amine Hydrochloride (organic salt)	10-30	506-89-8	not available	not available	not available

SECTION 4 - First Aid Measures

Eye Contact: Flush with water for 15 minutes. Contact a physician if needed.
Skin Contact: Wash with water after use.
Inhalation: No specific first aid measures are required.
Ingestion: Immediately drink plenty of water. If discomfort persists, get medical attention.

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 of 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 of 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
Respiratory Protection:	In case of insufficient ventilation wear suitable respiratory equipment.
Skin and Body Protection:	Protective footwear.

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

Ventilation: No special ventilation requirements. General room ventilation is adequate.

Hygiene Measures: Keep away from food, drink and animal feeding stuffs.

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9 - Physical & Chemical Properties

Physical State: Viscous Liquid	Specific Gravity: 1.03-1.05(Water=1)	Vapour Pressure (mm Hg @25°C): Not Available
pH: <1.0	Odour/Appearance: Mild/Green	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: slightly viscose	
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. **Irritancy of Product:** mild

Effects of Acute Exposure:

Eye Contact - May cause moderate to high irritation

Skin Contact - Non-corrosive to skin as defined and tested in accordance with the U.S. OSHA's Hazard Communication Standard, DOT Hazardous Material Regulations, Canada's WHMIS Regulations and TDG Regulations. Classified as a mild skin irritant as per the 1992 OECD Guideline for Testing of Chemical, Number 404 "Acute Dermal Irritation/Corrosion".

Inhalation - If inhaled as a mist vapour it can cause nose, throat and respiratory tract irritation, coughing and headache.

Ingestion - May cause nausea, vomiting and medical problems.

Effects of Chronic Exposure:

Carcenogenicity:	none known	Teratogenicity:	none known
Mutagenicity:	none known	Reproductive Effects:	none known
Sensitization:	none known	Synergistic Materials:	none known

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: **TDG:** not regulated

See shipping documents for specific transportation information.

SECTION 15 – Regulatory Information

WHMIS: D2B - not corrosive to skin; corrosive to aluminum; mildly corrosive to steel **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

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