* * * 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: Steeler Plus
PRODUCT USE: Stainless Steel Cleaner
PRODUCT CODE: FD209
FAX: (905) 358-9680

HMIS RATINGS:

Health	1
Flammability	3
Reactivity	1
PPE	A

EMERGENCY TELEPHONE NUMBER: CANUTEC (613) 996-6666

Preparation Date: December 1, 2014

SECTION 2 – Hazard Identification

EMERGENCY OVERVIEW: Aerosol under pressure. Do not expose to high temperatures (120°F) or store in direct sunlight. May develop pressure and cause can to burst.

Routes of Entry: Eyes. Ingestion. Inhalation. Skin.

Eyes: May cause irritation.

Ingestion: May cause gastric discomfort and nausea. No hazard by this route in normal use.

Inhalation: No hazards under normal use due to it's low volatility. If vapour is present in high concentrations, irritation to upper respiratory tract may occur.

Skin: May cause irritation, localized defatting, dermatitis with prolonged or repeated contact.

Medical Conditions Aggravated: none known

Chronic Health Hazards: none known

Carcinogenicity: **OSHA:** No **ACGIH:** No **NTP:** No **IARC:** No **Other:** not available

SECTION 3 – Composition/Information on Ingredients

Chemical Name	Wt/Wt%	CAS #	ACGIH TLV	OSHA PEL
Isoparaffinic Hydrocarbon		64742-47-8	400 ppm	400 ppm
Propane/N-Butane		68476-86-8	1000 ppm	not available
White Mineral Oil		8042-47-5	5 mg/m_3	5 mg/m_3

SECTION 4 - First Aid Measures

Eye Contact: Immediately flush with water for 15 to 20 minutes while holding eyelids open. Seek medical attention if irritation persists.

Skin Contact: Immediately wash with soap and water for 15 minutes. Seek medical attention if irritation develops.

Inhalation: Move to fresh air. If breathing is difficult or if unconscious, administer oxygen. If not breathing, administer artificial respiration. Seek medical attention if irritation persists.

Ingestion: May cause gastric discomfort and nausea. No hazard by this route in normal use.

SECTION 5 - Fire Fighting Measures

Flash Point & Test Method: > 175°F

Auto-Ignition Temperature:

Conditions of Flammability:

Hazardous Combustion Products: oxides of carbon

Sensitivity to Mechanical Impact: none known

Upper Flammable Limit: not available

Lower Flammable Limit: not available

Means of Extinction: Dry chemical, carbon dioxide, foam and water spray or fog.

Sensitivity to Static Discharge: none known

Unusual Fire & Explosion Hazard: Contents under pressure. Exposure to temperatures above 120°F can cause bursting.

Special Fire Fighting Procedures: Wear NIOSH-approved self-contained breathing apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Avoid breathing smoke, fumes and decomposition products. Cool fire-exposed containers with water fog to prevent bursting.

SECTION 6 – Accidental Release Measures

Procedures for Leaks or Spills: Stop leak if you can do so without risk. Move the can to a safe and open area if the leak is irreparable. Use a non-combustible material like vermiculite, sand or earth to soak up the products and place into a container for later disposal. Prevent spill from entering sewers, storm drains and natural waterways. **Small Spills:** Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Waste Disposal: Dispose of in accordance with local, provincial and federal regulations. Do not puncture, incinerate or reuse container. Wrap container and place in trash collection.

SECTION 7 – Handling & Storage

Storage Requirements: Store in a cool, dry area. Do not use or store near heat or open flames. Exposure to temperatures above 120°F may cause bursting. Do not puncture or incinerate empty container. Wrap container and place in trash collection.

Other Precautions: Keep out of the reach of children. Follow label directions exactly.

SECTION 8 – Exposure Controls and Protective Protection

Personal Protective Equipment:

Eyes: safety glasses are always recommends when using chemicals
Gloves: impervious gloves such as neoprene or solvex can be used
Respiration: not required with normal use

Additional Measures: wash hands after use
Engineering Controls/Ventilation: Ambient ventilation suitable.

SECTION 9 - Physical & Chemical Properties

Physical State: liquid
Vapour Pressure (mm Hg @25°C/77°F): 0.5
Odour/Appearance: lemon scent/clear
Odour Threshold:
Coefficient of Water/Oil Distribution:
Evaporation Rate: 0.2
Volatility Including Water (%):
Specific Gravity: 0.81 (water = 1)
pH: not available
Freezing Point: not tested
Boiling Point: 388°F
Vapour Density: >1 (air = 1)
Solubility in Water: 0%
Volatile Organic Compounds (VOC): not available

SECTION 10 – Stability & Reactivity

Conditions of Chemical Instability: stable
Hazardous Polymerization: will not occur
Conditions of Reactivity: not known
Incompatible Substances: some plastics and painted surfaces… pre-test before using
Special Shipping Information: not known
Hazardous Decomposition Products: oxides of carbon
Conditions to Avoid: Temperatures above 120°F, excessive heat, hot surfaces. Dropping may cause bursting.

SECTION 11 - Toxicological Information

Toxicological Information:

Isoparafinic Hydrocarbon (64742-47-8) LD_{50} (Oral, Rat) 5 gr/kg; LD_{50} (Dermal, Rabbit) 2 gr/kg; LC_{50} (Inhalation, Rat) 5 mg/L 4-hour

SECTION 12 - Ecological Information

Ecological Information:

Isoparafinic Hydrocarbon (64742-47-8): **Ecotoxicity –** Not expected to be harmful to aquatic organisms. Not expected to demonstrate chronic toxicity to aquatic organisms. **Biodegradation –** Expected to be readily biodegradable. **Hydrolysis –** Transformation due to hydrolysis not expected to be significant. **Photolysis –** Transformation due to photolysis not expected to be significant. **Atmospheric Oxidation –** Expected to degrade rapidly in air.

SECTION 13 – Disposal Consideration

Waste Disposal: Dispose of in accordance with federal, provincial and local regulations. Do not puncture, incinerate or reuse container. Wrap container and place in trash collection.

SECTION 14 – Transport Information

Proper Shipping Name: Non Corrosive Cleaning Compound, Aerosols, Ltd. Qty Class 2
UN: 1950 **Hazard Class:** 2.1 **Packing Group:** not available

SECTION 15 – Regulatory Information

TSCA Status: all chemicals are listed or exempt
CERCLA (Comprehensive Response Compensation, and Liability Act): none
SARA 311/312 Hazard Categories: none
SARA 313 Reportable Ingredients: none
Clean Water Act: none
Canadian Regulations: not available

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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