

* * * MATERIAL SAFETY DATA SHEET * * *

PARKSIDE PROFESSIONAL PRODUCTS

4777 Kent Avenue
Niagara Falls, Ontario L2H 1J5

PHONE: (905) 358-8364**FAX:** (905) 358-9680**EMERGENCY TELEPHONE NUMBER:** CANUTEC (613) 996-6666**PRODUCT NAME:** Longhaul 155**PRODUCT USE:** Rim & Wheel Cleaner**PRODUCT CODE:** FH155**HMIS RATINGS:**

Health 1
Flammability 0
Reactivity 1
PPE B

Preparation Date: December 1, 2014**SECTION I - Regulatory Information****WHMIS Classification:** D2B, E - not corrosive to skin; corrosive to aluminum; mildly corrosive to steel **TDG:** Not Regulated**SECTION II - Hazardous Ingredients**

| Chemical Name | Wt/Wt% | CAS # | LD50 | LC50 |
|---------------|--------|----------|---------------|---------------|
| Organic Salt | 30-60 | 506-89-8 | not available | not available |

SECTION III - Physical Data

Physical State: Liquid **Specific Gravity:** 1.033 **Vapour Pressure (mm Hg @25°C):** Not Available
Viscosity (cps) @ 25°C: Water Thin **pH:** 0.7-1.2 **Odour/Appearance:** Mild/ Clear
Freezing Point: Not Available **Odour Threshold:** Not Available **Coefficient of Water/Oil Distribution:** Not Available
Vapour Density: Not Available **Evaporation Rate:** Not Available **Boiling Point (°C @ 1 atm):** 100

SECTION IV - Fire or Explosion Hazard

Upper Flammable Limit: Not Applicable **Lower Flammable Limit:** Not Applicable
Flash Point & Test Method: Does not ignite. **Auto-ignition Temperature:** Not Available
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 Available
Unusual Fire & Explosion Hazard: At temperatures above 60°C/140°F acid action on most metals may release hydrogen, a highly flammable and explosive gas. Avoid breathing decomposition products.

SECTION V - Reactivity Data

Conditions of Chemical Instability: Stable up to 110°C/230°F **Special Shipping Information:** Not Applicable
Incompatible Substances: Oxidizing agents, strong alkaline material, aluminum. **Conditions of Reactivity:** Not Applicable
Storage Requirements: Store in closed containers, away from incompatibles.
Hazardous Decomposition Products: Thermal decomposition may yield oxides of carbon and nitrogen. Hydrogen gas may be released upon contact with certain metals.

SECTION VI - Toxicological Properties

Routes of Entry: Eyes, Skin Contact, Inhalation, Ingestion. **Irritancy of Product:** Acute exposure is irritating.
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: Skin - Prolonged or repeated exposure can cause drying, defatting and dermatitis.
Carcinogenicity: Non-Hazardous by WHMIS Criteria. Not listed on NTP, IARC, ACGIH.
Mutagenicity: The active was found **not** to be mutagenic when tested by the Ames Assay (OECD Guideline for Testing of Chemicals Sec. 471).

Teratogenicity: Not Available**Reproductive Effects:** Not Available**Sensitization:** Not Available**Synergistic Materials:** Not Available**SECTION VII - First Aid Measures**

Eye Contact: Immediately flush with water for 15 minutes. If irritation persists, seek medical attention.
Skin Contact: Flush with water. Contact a physician if irritation develops.
Inhalation: Remove to fresh air. If symptoms persist, contact a physician.
Ingestion: Do not induce vomiting. Rinse mouth with water, then drink one to four glasses of water. Contact a physician immediately. Never give anything by mouth if victim is unconscious, is rapidly losing consciousness or is convulsing.

SECTION VIII - Protective Equipment**Personal Protective Equipment:****Eyes:** Safety Glasses**Gloves:** Impermeable**Respiration:** Not normally required if good ventilation is maintained.**Ventilation:** General ventilation normally adequate.**Special Measures:** Firefighters should wear self-contained breathing apparatus.**SECTION IX - Spill/Leak Procedures**

Procedures for Leaks or Spills: Small spills may be absorbed with non-reactive absorbent and placed in suitable labeled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

Waste Disposal: Review Federal, Provincial and local government requirements prior to disposal.**SECTION X - Preparation 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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