

*** MATERIAL SAFETY DATA SHEET ***

PARKSIDE PROFESSIONAL PRODUCTS

4777 Kent Avenue

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PHONE: (905) 358-8364**FAX:** (905) 358-9680**EMERGENCY TELEPHONE NUMBER:** CANUTEC (613) 996-6666**PRODUCT NAME:** Longhaul 200**PRODUCT USE:** Liquid Deicer**PRODUCT CODE:** FH200**HMIS RATINGS:**

Health 1

Flammability 0

Reactivity 0

PPE B

Preparation Date: December 1, 2017**SECTION I - Regulatory Information****WHMIS Classification:** Not Regulated**TDG Classification:** Not Regulated**SECTION II - Hazardous Ingredients**

<u>Chemical Name</u>	<u>Wt/Wt%</u>	<u>CAS #</u>	<u>LD50 (mg/kg)</u>	<u>LC50</u>
calcium chloride	20-40	10043-52-4	1000	not available
proprietary inhibitors	0.1-1	not available	not available	not available
water	60-80	7732-18-5	not available	not available

SECTION III - Physical Data**Physical State:** liquid**Specific Gravity:** 1.23**Vapour Pressure (mm Hg @25°C):** not available**Viscosity (cps) @ 25°C:** not available**pH:** 7.5-8.5**Odour/Appearance:** typical/hazy light yellow**Freezing Point:** -33°C**Odour Threshold:** none**Coefficient of Water/Oil Distribution:** not available**Vapour Density:** not available**Evaporation Rate (water=1):** not available**Boiling Point (@ 760mm hg):** 110°C**SECTION IV - Fire or Explosion Hazard****Upper Flammable Limit:** not available**Lower Flammable Limit:** not available**Flash Point & Test Method:** not available**Auto-Ignition Temperature:** not available**Conditions of Flammability:** not applicable**Hazardous Combustion Products:** not available**Sensitivity to Mechanical Impact:** not available**Sensitivity to Static Discharge:** not available**Means of Extinction:** not available**SECTION V - Reactivity Data****Conditions of Chemical Instability:** stable**Conditions of Reactivity:** none**Storage Requirements:** Keep container tightly closed. Suitable for any general chemical storage area.**Hazardous Decomposition Products:** hydrogen chloride**Incompatible Substances:** copper & copper alloys**SECTION VI - Toxicological Properties****Routes of Entry:** Eyes, Skin Contact, Ingestion, Inhalation**Irritancy of Product:** mild**Effects of Acute Exposure:** **Eye Contact** – Can cause irritation. May cause burns.**Skin Contact** – Can cause irritation.**Inhalation** – Can cause irritation of upper respiratory tract.**Ingestion** – Can cause gastrointestinal irritation.**Effects of Chronic Exposure:****Carcinogenicity:** none known**Teratogenicity:** none known**Mutagenicity:** none known**Reproductive Effects:** none known**Sensitization:** not available**Synergistic Materials:** not available**Prolonged or Repeated Exposure:** Prolonged contact with skin may cause irritation.**SECTION VII - First Aid Measures****Eye Contact:** Immediately flush with water for at least 15 minutes. If irritation persists, contact a physician.**Skin Contact:** Immediately flush skin with water. Contact a physician if irritation develops.**Inhalation:** Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult give oxygen. If symptoms persist, contact a physician.**Ingestion:** Contact a physician immediately. Give large amounts of water. Induce vomiting.

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 goggles**Gloves:** rubber gloves**Respiration:** Not required where adequate ventilation conditions exist.**Ventilation:** Use adequate general or local exhaust ventilation to keep fume levels as low as possible.**Special Measures:** These precautions are for handling at room temperature.

When using at elevated temperatures, added precautions may be required.

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 Av, Niagara Falls, ON L2H 1J5**Telephone:** (905) 358-8364**Preparer:** Parkside Professional Products, 4777 Kent Av, Niagara Falls, ON L2H 1J5**Telephone:** (905) 358-8364

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