

*** * * MATERIAL SAFETY DATA SHEET * * ***

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

PRODUCT NAME: LONGHAUL 305
PRODUCT USE: Concrete Remover/Cleaner
PRODUCT CODE: FH305
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 I - Regulatory Information

WHMIS Classification: D2B, E

TDG: CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S. (urea mono hydrochloride)
Class 8 UN3265 PGII

SECTION II - Hazardous Ingredients

Chemical Name	Wt/Wt%	CAS #	TLV	LD50 (mg/kg)	LC50
Organic Salt	30-60	506-89-8	not available	not available	not available

SECTION III - Physical Data

Physical State: Liquid
Viscosity (cps) @ 25°C: Water Thin
Freezing Point: Not Available
Vapour Density: Not Available

Specific Gravity: 1.033
pH: 0.7-1.2
Odour Threshold: Not Available
Evaporation Rate: Not Available

Vapour Pressure (mm Hg @25°C): Not Available
Odour/Appearance: Mild/ Clear
Coefficient of Water/Oil Distribution: Not Available
Boiling Point (°C @ 1 atm): 100

SECTION IV - Fire or Explosion Hazard

Upper Flammable Limit: Not Applicable
Flash Point & Test Method: Does not ignite.
Conditions of Flammability: Not Flammable
Sensitivity to Mechanical Impact: 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.

Lower Flammable Limit: Not Applicable
Auto-Ignition Temperature: Not Available
Means of Extinction: Treat for surrounding materials.
Sensitivity to Static Discharge: Not Available

SECTION V - Reactivity Data

Conditions of Chemical Instability: Stable up to 110°C/230°F
Incompatible Substances: Oxidizing agents such as bleach, strong alkaline material, some soft metals
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.

Special Shipping Information: Not Applicable
Conditions of Reactivity: Not Applicable

SECTION VI - Toxicological Properties

Routes of Entry: Eyes, Skin Contact, Inhalation, Ingestion.
Effects of Acute Exposure: Eye Contact - Can cause moderate to high irritation.
Skin Contact - Less irritating and corrosive to skin compared to other strong acids.
Inhalation - If inhaled as a mist vapour it can cause nose, throat and respiratory tract irritation, coughing and headache.
Ingestion - Can cause nausea, vomiting and medical problems.

Effects of Chronic Exposure: Skin - Prolonged or repeated exposure can cause drying, defatting and dermatitis.

Carcinogenicity: Non-known
Mutagenicity: Non-known
Teratogenicity: Non-known
Sensitization: Non-known

Irritancy of Product: Acute exposure is irritating.
Reproductive Effects: Non-known
Synergistic Materials: Non-known

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 recommended for handling concentrate
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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