Longhaul 305 – Concrete Remover / Cleaner

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION AND OF THE COMPANY

Identification of Preparation:	Longhaul 305
Date of Safety Data Sheet:	March 25, 2017
Use of Preparation:	Concrete Remover
Company Identification:	Parkside Professional Products Ltd. 4777 Kent Avenue Niagara Falls, Ontario L2H 1J5 OFFICE: 905-358-8364
Company Emergency Telephone Number	Emergency Phone: 905-358-8364
Transportation Emergency Telephone Number	CANUTEC 613-996-6666 or * 666 for cell phone

2. HAZARD IDENTIFICATION

Emergency Overview:
OSHA/ WHMIS 2014 Hazards:
Classification of substances or mixture
GHS-US/ Canadian classification:
Acute Toxicity Category 4 (Oral) H302
Acute Toxicity Category 4 (Dermal) H312
Eye Damage Category 1 H318
Label Elements
GHS-US Labeling
Hazard Pictograms (GHS):

Signal Word (GHS): Danger
Hazard Statements (GHS):
H302 - Harmful if swallowed
H318 - Causes serious eye damage
Precautionary Statements (GHS):
P260: Do not breathe mist, spray, and vapors.
P264: Wash hands, forearms, and exposed areas thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear face protection, protective clothing, protective gloves, and eye protection.

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Response Statements (GHS):
P301+ P310+ P312+ P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.
P363: Wash contaminated clothing before reuse.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Urea, monohydrochloride	506-89-8	15-38	Acute Toxicity Category 4 (Oral) - H302 Serious Eye Damage/Irritation Category 1-H318 STOT Information not currently available.

4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse. Chemical burns must be treated by physician.
Ingestion:	Wash out mouth with water. Drink plenty of water. Do not induce vomiting unless directed by medical personal. Never give anything to an unconscious person. Immediately call a POISON CENTRE or doctor/physician.
Notes to Physician:	Treatment based on judgment of attending physician.
Most Important symptoms and effects, both acute and delayed:	Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling and blurred vision.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Any standard extinguishing media (alcohol foam, water spray or fog, CO2 dry chemical, etc.).
Unsuitable extinguishing media:	None known.
Special exposure hazards:	None known.
Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.
Fire and explosion	Not flammable. No explosion hazard.
Further information	None

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6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapour or mist.
For Non-Emergency Personnel:
Protective Equipment: Use appropriate personal protection equipment (PPE).
Emergency Procedures: Evacuate unnecessary personnel.
For Emergency Personnel:
Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Stop leak if safe to do so. Ventilate area.
Environmental Precautions
Prevent entry to sewers and public waters.
Methods and Material for Containment and Cleaning Up:
For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for Cleaning Up: Clear up spills immediately and dispose of waste safely.
Reference to Other Sections: See Heading 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE

Precautions for safe handling:
Ensure good ventilation/exhaustion at the workplace.
Avoid splashes or spray in enclosed areas.
Information about fire and explosion protection:
Keep respiratory protective device available.
No special measures required.
Conditions for safe storage, including any incompatibilities:
Storage:
Requirements to be met by storerooms and receptacles:
Store in a cool location.
Protect from humidity and water.
Unsuitable material for receptacle: steel.
Unsuitable material for receptacle: aluminium.
Avoid storage near extreme heat, ignition sources or open flame.
Information about storage in one common storage facility:
Do not store together with alkaline products.
Store away from oxidizing agents.
Store away from foodstuffs.
Further information about storage conditions:
Store in cool, dry conditions in well sealed receptacles.
Store receptacle in a well-ventilated area.
Keep container tightly sealed.

Specific end use(s) No further relevant information available.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate Engineering Controls:

Engineering Measures	Showers. Eyewash Stations. Ventilation Systems.
Respiratory protection:	Use local exhaust or dilution ventilation.
Hand protection:	Chemical resistant gloves.
Eye protection:	Safety goggles or full face shield.
Skin protection:	Use body-covering impervious clothing.
Working hygiene:	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.
Exposure guidelines:	Contains no substances with occupational exposure limit values.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Physical State	Liquid		
Appearance	Clear	Odour	Typical.
Colour	Amber	Odour Threshold	No data available.

Property	Values	Remarks/Method
pH	< lees than 1.00	None known
Melting/Freezing Point	No data available	None known
Boiling Point/Range	No data available	None known
Flash Point	Not applicable.	None known
Evaporation Rate	Similar	None known
Flammability (solid, gas)	Not flammable	None known
Flammability Limit in Air:		
Upper Limit	No data available	None known
Lower Limit	No data available	None known
Vapour Pressure	No data available	None known
Vapour density	No data available	None known
Specific Gravity	1.03-1.04 g/cm3	
Water Solubility	Soluble in water.	None known
Solubility Other Solvents	No data available	None known
Partition Coefficient:		
n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition Temperature	No data available	None known
Kinematic Viscosity	No data available	None known
Dynamic Viscosity	No data available	None known
Explosive Properties	No data available	None known
Oxidizing Properties	No date available	None known

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Other Properties:

Softening Point	No data available
VOC Content %	No data available
Particle Size	No data available
Particle Size Distribution	No data available

10. STABILITY AND REACTIVITY

Reactivity	Stable at normal ambient temperature and pressure.
Chemical stability	Stable up to 110 °C /230°F
Thermal decomposition/conditions to avoid:	Heating above 110 °C /230°F results in an exothermic decomposition with rapid release of CO2 gas Reacts with alkali, metals, amines and oxidizing agents. Corrodes aluminium.
Possibility of hazardous reactions	Warning! Do not use together with other products. May release dangerous gases (chlorine). Avoid contact with oxidizers.
Conditions to avoid	Store away from oxidizing agents.
Hazardous decomposition products	Warning! Do not use together with other products. May release dangerous gases (chlorine). Avoid contact with oxidizers. This material may be extremely hazardous in contact with chlorates or nitrates. This material is acidic. Contact with hypochlorites (e.g. chlorine bleach, sulfides, or cyanides will liberate toxic gases. Contact with alkaline materials (e.g. aqua ammonia) will generate heat.
Materials to avoid	Oxidizing agents, acids.
Hazardous polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification

Urea Hydrochloride CAS # 506-89-8:

LD50 (Oral, rat): 1,100 mg/kg

Primary irritant effect:

On the skin: Non-corrosive to skin.

On the eye: Strong caustic effect.

Sensitization: No sensitizing effects known.

Additional toxicological information: The product shows the following dangers according to the calculation method:
Corrosive to eye.
Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

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12. ECOLOGICAL INFORMATION

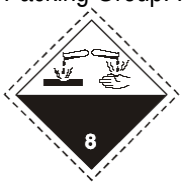
Toxicity:	Not available.
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available.
Other Adverse Effects	
Other Information:	Avoid release to the environment.

13. DISPOSAL

Waste Disposal Recommendations: Dispose of waste material in accordance with all local, regional, national, and international regulations.
Ecology – Waste Materials: Avoid release to the environment.

14. TRANSPORTATION INFORMATION

Canadian T.D.G.: Regulated Material
Proper Shipping Name: CORRISIVE LIQUID ,ACIDIC, ORGANIC, N.O.S ,(Urea Monohydrochloride)
Contains: Urea monohydrochloride
Hazard Class: 8
ID Number: UN 3265
Packing Group: II



U.S. Department of Transportation (DOT): Regulated Material
Proper Shipping Name: Corrosive liquid, N.O.S.
Proper Shipping Name: CORRISIVE LIQUID ,ACIDIC, ORGANIC, N.O.S ,(Urea Monohydrochloride)
Contains: Urea monohydrochloride
Hazard Class: 8
ID Number: UN 3265
Contains: Urea monohydrochloride
Packing Group: II

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Water Transportation (IMDG): Regulated Material
Proper Shipping Name: CORRISIVE LIQUID ,ACIDIC, ORGANIC, N.O.S ,(Urea Monohydrochloride)
Contains: Urea monohydrochloride
Hazard Class: 8
ID Number: UN 3265
Packing Group: II

Air Transportation (IATA): Regulated Material
Proper Shipping Name: CORRISIVE LIQUID ,ACIDIC, ORGANIC, N.O.S ,(Urea Monohydrochloride)
Contains: Urea monohydrochloride
Hazard Class: 8
ID Number: UN 3265
Packing Group: II

15. REGULATION

Occupational Health & Safety Regulations:
WHMIS Classification: Class D - Division 2B, Class E

OSHA & WHMIS: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) and Canadian WHMIS regulations (Controlled Products Regulations under the Hazardous Products Act).

International Inventories

TSCA	Complies
DSL/NDSL	Compiles
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies

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KECL	-
PICCS	-
AICS	Complies

Legend:
TSCA - All components of this product are listed or are exempt or excluded from listing on the United States Toxic Substances Control Act Section 8(b) Inventory.
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
ENCS - Japan Existing and New Chemical Substances
IECSC - China Inventory of Existing Chemical Substances
KECL - Korean Existing and Evaluated Chemical Substances
PICCS - Philippines Inventory of Chemicals and Chemical Substances
AICS - Australian Inventory of Chemical Substances

U.S. State Regulations

California Prop. 65

This product does not contain any Proposition 65 chemicals.

HMIS III Rating

Health: 3 Serious Hazard

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: C
SDS US (GHS HazCom 2012 and WHMIS 2015)

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16. OTHER INFORMATION

Prepared By: Parkside Professional Products Ltd.
4777 Kent Avenue
Niagara Falls, Ontario
L2H 1J5
905-358-8364

Issuing Date: March 25, 2017

Disclaimer:
The manufacturer warrants that this product conforms to its standard specification when used according to direction. To the best of our knowledge the information contained herein is accurate. However, we do not assume accuracy or completeness of the information contained herein.

Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

End of Safety Data Sheet