



Hyper Lift-Off 446

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

Identification of Preparation: Hyper Lift-Off 446
Date of Safety Data Sheet: September 25, 2015
Use of Preparation: Floor Stripper Concentrate
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 2015 Hazards
 Classification of substance or mixture
GHS-US/Canadian classification:
GHS Hazards
 Skin Corrosion Category 1 – H314
 Serious Eye Damage Category 1 H318
 Acute Toxicity Oral Category 4 H302
Label Elements
GHS-US/ Canada Labeling
Hazard Pictograms (GHS):



Signal Word (GHS): Danger
Hazard Statements (GHS):
 H302– Harmful if swallowed.
 H314 – Causes severe skin burns and eye damage.
 H333 – May be harmful if inhaled.
 H336 – May cause drowsiness or dizziness.



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Precautionary Statements (GHS):

P234: Keep only in original container.

P261: Avoid breathing mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P273: Avoid release to the environment.

P280: Wear face protection, protective clothing, protective gloves, and eye protection.

Response Statements (GHS):

P301+P310 +P330+P331: IF SWALLOWED: Immediately call a POISON CENTRE or doctor/physician. Rinse mouth. Do not induce vomiting.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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.

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P501: Dispose of contents / container in accordance with local regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
2-Butoxy ethanol	111-76-2	15-30	Flammable Liquids Category 4 – H227 Acute Toxicity Category 4 (Oral) - H302 Acute Toxicity Category 4 (Dermal)- H312 Skin Corrosion / Irritation Category 2 – H315 Serious Eye Damage / Eye Irritation Category 2A – H319 Acute Toxicity Category 4 (Inhalation) – H332
Benzenesulfonic acid, dodecyl-, compound with 2 aminoethanol (1:1)	26836-07-7	5-15	Skin Corrosion / Irritation Category 3 – H316 Serious Eye Damage / Eye Irritation Category 1 – H318
Ethanolamine	141-43-5	5-15	Acute Toxicity Category 4 (Oral) - H302 Acute Toxicity Category 4 (Dermal)- H312 Skin Corrosion / Irritation Category 1B – H314 Acute Toxicity Category 4 (Inhalation) – H332 STOT Single Exposure Category 3 – H335 Acute Aquatic Toxicity Category 2 – H401 Chronic Aquatic Toxicity Category 3 – H412
Benzyl Alcohol	100-51-6	35-60	Acute Toxicity Category 4 (Oral) - H302 Acute Toxicity Category 4 (Dermal)- H312



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			Skin Corrosion / Irritation Category 2 – H315 Serious Eye Damage / Eye Irritation Category 2A – H319 Acute Toxicity Category 4 (Inhalation) – H332
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4. FIRST AID MEASURES

Inhalation:	Remove to fresh air. If breathing is irregular or stopped, give artificial respiration. If unconscious please in the recovery position and obtain immediate medical attention. If symptoms persist consult physician.
Eye Contact:	Remove contacts. Flush with water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Repeat if required. If irritation persists get medical attention.
Skin Contact:	Thoroughly wash exposed skin with soap and water. Remove any contaminated clothing and wash before reuse.
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. Get medical aid.
Inhalation:	If unconscious, please in recovery position and seek medical advice. If symptoms persist, call a physician.
Notes to Physician:	Treatment based on judgment of attending physician.
Most Important symptoms and effects, both acute and delayed:	Causes serious eye irritation. Causes skin irritation.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Flood with water for extinguishing agent. CO2, dry chemical, alcohol resistant foam
Unsuitable extinguishing media:	None known.
Special exposure hazards	Thermal decomposition releases irritating gases.
Special safety equipment:	Self-contained positive pressure breathing apparatus and protective clothing.
Fire and explosion	Not flammable. Not an explosive hazard.
Further information	Keep containers and surrounding cool with water spray.

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 vapours/mist/gas/dust.

For Non-Emergency Personnel:

Protective Equipment: Use appropriate personal protection equipment (PPE).

Emergency Procedures: Evacuate unnecessary personnel.



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For Emergency Personnel:

Protective Equipment: Equip cleanup crew with proper protection.

Emergency Procedures: 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 with absorbent 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.

Prevent formation of aerosols.

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: Acids, Oxidizers, reducing agents.

Requirements to be met by storerooms and receptacles:

Store in a cool location.

Protect from humidity.

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 or strong acids.

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.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Appropriate Engineering Controls:

Engineering Measures

Showers. Eyewash Stations. Ventilation Systems.



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Individual Protection Measures:

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:

2-Butoxy ethanol:	ACGIH – 20 ppm TWA NIOSH – 5 ppm, 24 mg/m ³ TWA OSHA Z-1 – 50 ppm, 240 mg/m ³ TWA OSHA PO – 25 ppm, 120 mg/m ³ TWA
Ethanolamine:	ACGIH – 3 ppm TWA, 6 ppm TWA OSHA – 3 ppm, 6 mg/m ³ TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

<u>Property</u>	<u>Values</u>	<u>Odour Threshold</u>	<u>Remarks/Method</u>
Physical State	Liquid		
Appearance	Clear liquid.	Odour	Mild
Colour	Clear-Red orange.	Odour Threshold	No data available.
pH	12.0-13.50	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	1.02-1.025 g/cm ³		
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	



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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 data available	None known

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	None known.
Chemical stability	Stable under recommended handling and storage conditions (see section 7).
Thermal decomposition/conditions to avoid:	No decomposition if used and stored according to specifications.
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to avoid	Direct sunlight. Extremely high or low temperatures.
Hazardous decomposition products	Carbon oxides (CO, CO ₂). Carbon dioxide and unburned hydrocarbons.
Materials to avoid	Reducing agents. Strong acids. Strong oxidizing agents.
Hazardous polymerization	Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Harmful if swallowed.

LD/LC50 values relevant for classification:

2-Butoxy ethanol CAS# 111-76-2:

LD50 (Oral, rat): 745 mg/kg

LD50 (Dermal, rat): 1,250 mg/kg

LC50 (Inhalation, rat): 550 ppm 4h

Ethanolamine CAS# 141-43-5:

LD50 (Oral, rat): 1,720 mg/kg

LD50 (Dermal, rat): 1,015 mg/kg

Benzyl Alcohol CAS# 100-51-6:

LD50 (Oral, rat): 1,230 mg/kg

LD50 (Dermal, rabbit): 2,000 mg/kg

On the skin: Causes skin irritation. Symptoms may include pain (which may be delayed), redness, and/or discomfort.

On the eye: Causes serious eye irritation. Symptoms may include pain, redness, and watering.

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Ingestion: May be irritating to mouth, throat and stomach. Symptoms may include stomach pain and nausea.
Inhalation: May be irritating to nose, throat, and respiratory tract. Symptoms may include coughing and difficulty breathing.
Sensitization: No known effects.
Additional toxicological information:
Carcinogenicity:
Chemical Name: None

12. ECOLOGICAL INFORMATION

Toxicity:	Not classified
Persistence and Degradability:	Not available
Bioaccumulative Potential:	Not available
Mobility in Soil:	Not available.
Other Adverse Effects:	Potential to become an environmental hazard if mishandled or through improper disposal.
Other Information:	All of the organic components of this product are readily biodegradable.

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

U.S. Department of Transportation (DOT): Regulated Material
Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S.
Contains: Monoethanolamine
Hazard Class: 8
ID Number: UN 3267
Packing Group: III



Canadian TDG (Road & Rail): Regulated Material.
Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S.
Contains: Monoethanolamine
Hazard Class: 8
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Packing Group: III



Water Transportation (IMO): Regulated Material.

Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S.

Contains: Monoethanolamine

Hazard Class: 8

ID Number: UN 3267

Packing Group: III



Air Transportation (IATA): Regulated Material.

Proper Shipping Name: Corrosive Liquid, Basic, Inorganic, N.O.S.

Contains: Monoethanolamine

Hazard Class: 8

ID Number: UN 3267

Packing Group: III



15. REGULATORY INFORMATION

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).



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International Inventories

TSCA	Complies
DSL/NDSL	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
KECL	-
PICCS	Complies
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 Proposition 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: B

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: September 25, 2015

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