

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

Identification of Preparation: PolyBlend Clean
Date of Safety Data Sheet: September 6, 2018
Use of Preparation: Cleaner.
Company Identification: Water Process Solutions Ltd
 Unit 10 Mill Hall Business Estate
 ME20 7JZ
Company Emergency Telephone Number Emergency Phone: 01622 719945

2. HAZARD IDENTIFICATION

Emergency Overview:
OSHA / WHMIS 2015 Hazards
Classification of the Substance or Mixture
GHS-US/Canadian classification:
 Skin Corrosion / Irritation Category 1A H314
 Serious Eye Damage/Eye Irritation Category 1 H318
Label Elements
GHS-US Labeling
Hazard Pictograms (GHS):



Signal Word (GHS): Danger
Hazard Statements (GHS):
 H302: Harmful if swallowed.
 H314: Causes severe skin burns and eye damage.
 H318: Causes serious eye damage.
Precautionary Statements (GHS):
 P260: Do not breathe mist.
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
Response Statements (GHS):
 P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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

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.

P315: Get immediate medical advice/attention.

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

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Description: Chemical Blend

Ingredient	CAS#	% by Wt	Classification
Ethylene glycol monobutyl ether	111-76-2	35-70	Skin Corrosion/Irritation Category 2 - H315 Flammable Liquid Category 4 – H227
Ethanolamine	141-43-5	1-5	Acute Toxicity Category 4 (Oral) - H302 Skin Corrosion/Irritation Category 1B - H314 Serious Eye Damage/Irritation Category 1 – H318 Flammable Liquids Category 4 – H227

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.
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.
Notes to Physician:	Treatment based on judgment of attending physician.

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	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 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.

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

Acids, Oxidizers, reducing agents.

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.

Information about storage in one common storage facility:

Do not store together with 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

Respiratory protection:

Use local exhaust or dilution ventilation.

Hand protection:

Chemical resistant gloves.

Eye protection:

Safety goggles or full face shield.

Date: September 6, 2018

SDS WPS Ltd - PolyBlend Clean

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:

None

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Odour	Butyl.
Appearance	Clear liquid.	Odour Threshold	No data available.
Colour	Yellow.	Remarks/Method	
Property	Values		
pH	13.5 +/- 0.25	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	1.07 (+/- 0.005) 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	
Decomposition	No data available	None known	
Temperature			
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	Stable under normal conditions.
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. Contact with metallic substances.

Hazardous decomposition products

Carbon oxides (CO, CO₂). Sodium oxides.

Materials to avoid

Metals such as aluminum. Reducing agents. Strong acids.

Hazardous polymerization

Will not occur

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute toxicity: Not Classified.

LD/LC50 values relevant for classification:

Not available.

On the skin: Causes severe skin burns and eye damage.

On the eye: Causes serious eye damage.

Respiratory or Skin Sensitization: Not classified.

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

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 (quantity under 1 litre can be shipped Limited Quantity)

Proper Shipping Name: Caustic Alkali liquid, N.O.S.

Contains: Monoethanolamine

Hazard Class: 8

ID Number: UN 1719

Packing Group: II



US DOT: Regulated Material

Proper Shipping Name: Caustic alkali liquid, N.O.S.

Contains: Monoethanolamine

Hazard Class: 8

ID Number: UN 1719

Packing Group: II



Air Transportation (IATA): Regulated Material

Proper Shipping Name: Caustic alkali liquid, N.O.S.

Contains: Monoethanolamine

Hazard Class: 8

ID Number: UN 1719

Packing Group: II



Water Transportation (IMDG): Regulated Material

Proper Shipping Name: Caustic alkali liquid, N.O.S.

Contains: Monoethanolamine

Hazard Class: 8

ID Number: UN 1719

Packing Group: II



15. REGULATORY INFORMATION

Occupational Health & Safety Regulations:

WHMIS 1988 Classification:

D2B - Toxic material causing other toxic effects

E - Corrosive material



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	Complies
EINECS/ELINCS	Complies
ENCS	Complies
IECSC	Complies
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 Proposition 65

This product does not contain any Proposition 65 chemicals.

HMIS III Rating

Health: 3 Hazard

Flammability: 0 Minimal Hazard

Physical: 0 Minimal Hazard

Personal Protection: B

SDS US (GHS HazCom 2012 and WHMIS 2015)

16. OTHER INFORMATION

Prepared By: Technical Department.

Issuing Date: September 6, 2018

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