

# SAFETY DATA SHEET

## Diamond Glass Cleaner Maintainer Refurbisher

### UNIVERSAL POLISHING SYSTEMS – CMR – CLEANER MAINTAINER REFURBISHER

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

**Identification of Preparation:** Diamond Glass Cleaner Maintainer Refurbisher  
**Date of Safety Data Sheet:** June 5, 2017  
**Use of Preparation:** Concrete Floor Cleaner  
**Company Identification:** Universal Polishing Systems  
4333 Silver Star Rd., Suite 175  
Orlando, Florida, 32808, USA

**Company Emergency Telephone Number** Emergency Phone: 888-877-4899

**Transportation Emergency Telephone Number** CANUTEC 613-996-6666 or \* 666 for cell phone

#### 2. HAZARD IDENTIFICATION

##### 2.1. Classification of the Substance or Mixture

###### Emergency Overview:

###### OSHA / WHMIS 2015 Hazards

Irritant.

###### Classification of substance or mixture

###### GHS-US/Canadian classification:

###### GHS Hazards

Acute Toxicity 4 (Oral) H302

Eye Irritation 2 H319

Skin Irritation 2 H315

###### Environmental hazards

Not Classified

###### Label Elements

###### GHS-US Labeling

###### Hazard Pictograms (GHS):



**Signal Word (GHS):** Warning.

###### Hazard Statements (GHS):

H302 Harmful if swallowed.

H315 Causes skin irritation.

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H319 Causes serious eye irritation.

### Precautionary Statements (GHS):

P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P264 Wash thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.

### Response (GHS):

IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell. Rinse mouth. IF ON SKIN: wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SKIN irritation occurs: Get medical advice/attention. IF eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before re-use.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### Chemical Description:

Chemical blend

Ingredient	CAS #	% by Wt	Classification
Diethylene Glycol Monobutyl Ether	112-34-5	3-5	Eye Irrit. 2, H319
Silica, Amorphous, Precipitated	7631-86-9	0.5-2.0	Eye Irrit. 2, H319 Skin Irrit. 2, H315
Alcohols, C9-11, ethoxylated	68439-46-3	1-5	Acute Tox. 4 (oral) Eye Dam. /Irrit. 1 H318, H302
Tetra Sodium EDTA	64-02-8	1-5	Acute Tox. 4 (Inh), H332 Skin Irrit. 2, H315 Eye Dam. /Irrit. 1 H318

## 4. FIRST AID MEASURES

**Inhalation:** Remove to fresh air. If symptoms persist consult physician.

**Eye Contact:** Remove contacts. Flush with water for at least 15 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

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Notes to Physician: medical aid.  
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**

**Special safety equipment:** Self-contained positive pressure breathing apparatus and protective clothing.

### 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.

#### 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.

Avoid storage near extreme heat, ignition sources or open flame.

##### Information about storage in one common storage facility:

Store away from foodstuffs.

##### Further information about storage conditions:

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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

<b>Respiratory protection:</b>	Use local exhaust or dilution ventilation.
<b>Hand protection:</b>	Chemical resistant gloves.
<b>Eye protection:</b>	Safety goggles or full face shield.
<b>Skin protection:</b>	Use body-covering clothing.
<b>Working hygiene:</b>	Take usual precautions when handling. Workers should wash hands before eating, drinking or smoking.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Physical and Chemical Properties

<b>Physical State</b>	Liquid	<b>Odour</b>	Typical
<b>Appearance</b>	Clear, colourless	<b>Odour Threshold</b>	No information available.
<b>Colour</b>	Colourless to slight yellowish		

<u>Property</u>	<u>Values</u>	<u>Remarks/Method</u>
<b>pH as is</b>	11.2 +/- 0.5	None known
<b>pH at dilution (1oz:1 gal)</b>	8.5 +/- 0.2	None known
<b>Melting/Freezing Point</b>	No data available	None known
<b>Boiling Point/Range</b>	Est 100 C / 212 F	None known
<b>Flash Point</b>	None	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air:</b>		
<b>Upper Limit</b>	No data available	None known
<b>Lower Limit</b>	No data available	None known
<b>Vapour Pressure</b>	No data available	None known
<b>Vapour density</b>	No data available	None known
<b>Specific Gravity</b>	1.0 – 1.02 g/cm <sup>3</sup>	
<b>Water Solubility</b>	Soluble in water.	None known
<b>Solubility Other Solvents</b>	No data available	None known
<b>Partition Coefficient:</b>		
<b>n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition Temperature</b>	No data available	None known
<b>Kinematic Viscosity</b>	No data available	None known

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<b>Dynamic Viscosity</b>	No data available	None known
<b>Explosive Properties</b>	No data available	None known
<b>Oxidizing Properties</b>	No data available	None known

### Other Properties:

<b>Softening Point</b>	No data available
<b>VOC Content %</b>	No data available
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	No data available

## 10. STABILITY AND REACTIVITY

### Reactivity

### Chemical stability

### Thermal decomposition / conditions to be avoided:

Stable under normal conditions.

### Possibility of hazardous reactions

None known

### Conditions to avoid

Incompatible agents.

### Incompatible materials:

Oxidizing agents, acids.

### Hazardous decomposition products:

Oxides of carbon.

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity:

#### LD/LC50 values relevant for classification:

Diethylene Glycol:

LD50: 4,500 mg/kg rat/oral

LC50: >29 ppm Rat 2 hour (Inhalation)

Fatty Alcohol Ethoxylate:

LD50 (Oral) Rat >1,400 mg/kg

Tetrasodium EDTA:

LD50 (Oral) 3,030 mg/kg Rat

#### Primary irritant effect:

**on the skin:** Irritant.

**on the eye:** Irritant.

**Sensitization:** No sensitizing effects known.

#### Additional toxicological information:

None known

## 12. ECOLOGICAL INFORMATION

### Toxicity:

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Diethylene Glycol: LC50 Lepomis macrochirus (Bluegill fish) 1,000 mg/L/ 96 hr  
11400 - 15700: 96 h Oncorhynchus mykiss mg/L  
LC50 flow-through 11600 -16700: 96 h Pimephales  
promelas mg/L LC50 flow-through 10000: 96 h  
Lepomis macrochirus mg/L LC50 static 19100 - 23900:  
96 h Lepomis macrochirus mg/L LC50 flow-through  
13400: 96 h Salmo gairdneri mg/L LC50 flow-through

### Persistence and Degradability:

No data available for product.

### Bioaccumulative Potential:

No data available for product. According to a classification scheme, this BCF suggests the potential for bioconcentration in aquatic organisms is low. Diethylene glycol is expected to have a high rate of mobility in soil. According to a classification scheme (this BCF suggests the potential for bioconcentration in aquatic organisms is low.)

### Mobility in Soil:

No data available for product.

Diethylene glycol is expected to have a high rate of mobility in soil.

### Results of PBT and vPvB Assessment:

Not required.

### Other Adverse Effects:

None.

## 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.:** Not regulated.

**U.S. Department of Transportation (DOT):** Not regulated.

## 15. REGULATION

**TSCA Status:** (Toxic Substance Control Act Section 8(b) Inventory)

All chemical substances in this product are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

### SARA 313

This product contains the following listed substances:

### SARA 311/312 Hazard Categories

**Acute Health Hazard:** Yes

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## **Diamond Glass Cleaner Maintainer Refurbisher**

**Chronic Health Hazard:** No

**Fire Hazard:** No

**Sudden release of pressure hazard:** No

**Reactive Hazard:** No

**California Proposition 65**

This product contains the following Proposition 65 chemicals: none

### **16. OTHER INFORMATION**

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.