

# SAFETY DATA SHEET

## 1. Identification of the substance/mixture and of the company

### 1.1 Product identifier

**Product Name: Polywater<sup>®</sup>  
Rubber Goods Cleaner (Type RBG)**

**Product ID numbers:** RBG-1, RBG-D72, RBG-D72M, RBG-35LR, RBG-35LRM, RBG-128, RBG-640, RBG-640M, RBG-DRUM

### 1.2 Relevant identified uses of the mixture and uses advised against

**Identified uses:** Water-based Cleaning Solution, pH neutral

**List of advices against:** Not applicable.

### 1.3 Details of the supplier of the safety data sheet

**Supplier/Manufacturer:**

**American Polywater Corporation**  
11222 - 60th Street North  
Stillwater, MN 55082 USA  
Tel: 1-651-430-2270  
Email: sds@polywater.com

**Polywater Europe BV**  
Zuidhaven 9-11 Unit B2  
4761 CR Zevenbergen  
Netherlands  
Tel: +31 (0)10 2330578  
Email: sds@polywater.com

### 1.4 Emergency telephone numbers

INFOTRAC 1-352-323-3500 (USA)

## 2. Hazards Identification

### 2.1 Classification of the substance or mixture

**Classification according to OSHA 29 CFR 1910.1200 and Regulation (EC) No 1272/2008.**

Eye Irrit 2B            H320

### 2.2 Label elements

**Contains:** Tetrasodium EDTA, Ethoxylated alcohols, Quaternary amine compound

**Pictograms:** None required.

**Hazard Statements:** None required.  
H320 Causes eye irritation.

**Precautionary Statements:**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical attention.

**2.3 Other hazards:** No information available.

## 3. Composition/Information on Ingredients

<u>Component</u>	<u>CAS #</u>	<u>EC #</u>	<u>Wt. %</u>	<u>GHS/CLP Classification</u>
Tetrasodium EDTA	64-02-8	200-573-9	2	Acute Tox. 4 H302; Eye Dam 1 H318
Ethoxylated alcohols		proprietary	< 2%	Acute Tox. 5 H303; Eye Dam. 1 H318; Aquatic Acute 2 H401
Quaternary amine compound		proprietary	< 2%	Acute Tox. 5 H303; Eye Dam. 1 H318; Aquatic Acute 2 H401;
Citric acid	77-92-9	201-069-1	< 1%	Aquatic Chronic 2 H411 Eye Irrit. 2 H319

#### 4. First Aid Measures

##### 4.1 Description of first aid measures

**Eye Contact:** Flush eyes with a large quantity of water for 15 minutes. If irritation continues, seek medical attention.

**Skin Contact:** None Required. Material designed to be gentle on skin.

**Inhalation (Breathing):** No first aid expected to be required. Not an inhalation hazard.

**Ingestion (Swallowing):** Rinse mouth. If discomfort continues, seek medical attention.

##### 4.2 Most important symptoms and effects, both acute and delayed

Aside from information above, no additional symptoms and effects are anticipated.

##### 4.3 Indication of immediate medical attention and special treatment needed.

No information available.

#### 5. Firefighting Measures

##### 5.1 Extinguishing media:

Does not apply.

##### 5.2 Special hazards arising from the substance or mixture

###### Hazardous decomposition and by-products:

High temperature steam, potentially carbon monoxide and carbon dioxide.

##### 5.3 Advice for firefighters

Sealed container can build up pressure when exposed to high heat. Cool containers with water.

#### 6. Accidental Release Measures

##### 6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with eyes.

##### 6.2 Environmental precautions:

Outside, spills should be diluted with a quantity of water, and then covered with sand, dirt or gravel.

##### 6.3 Methods materials for containment and cleaning up:

Flush small spills to drain with water. Dike or dam larger spills and return to container for reuse. Dilute and neutralize residue.

##### 6.4 Reference to other sections:

Refer to Sections 4, 5, 8, and 13 for more information.

#### 7. Handling and Storage

##### 7.1 Precautions for safe handling

Avoid unnecessary contact.

##### 7.2 Conditions for safe storage, including incompatibilities

Keep product containers closed when not in use.

##### 7.3 Specific end uses

See product flyer for further information.

#### 8. Exposure Controls / Personal Protection

##### 8.1 Control parameters

###### Exposure limits and recommendations:

None

**8.2 Exposure controls**

**Respiratory protection:**

Normal ventilation is adequate.

**Protective gloves:**

For people with pre-existing skin conditions such as dermatitis the use of impermeable gloves is recommended because this and other oil/grease effective cleaners may adversely affect the skin.

**Eye protection:**

Eye protection is recommended, especially if the material is used in ways where it could contact the eyes.

**9. Physical and Chemical**

**9.1 Information of basic physical and chemical properties**

<b>Appearance:</b>	Clear liquid which foams with agitation.
<b>Odor threshold:</b>	Not available
<b>pH:</b>	Neutral
<b>Freezing point:</b>	~ 32°F (0°C)
<b>Boiling point:</b>	~ 212°F (100°C)
<b>Flash point:</b>	None
<b>Evaporation rate:</b>	Not available
<b>Flammability (solid, gas):</b>	Product is not flammable
<b>Upper/lower flammability or explosive limits:</b>	Does not apply
<b>Vapor pressure:</b>	Not available
<b>Vapor density (Air = 1):</b>	Not available
<b>Specific gravity (H<sub>2</sub>O = 1):</b>	1.02
<b>Solubility in water:</b>	Complete
<b>Partition coefficient: n-octanol/water:</b>	Not available
<b>Auto-ignition temperature:</b>	Does not apply
<b>Decomposition temperature:</b>	Not available

**9.2 Other Information**

<b>Volatiles (Weight %):</b>	>90%
<b>VOC Content:</b>	0 g/l

**10. Stability and Reactivity**

**10.1 Reactivity:**

No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability:**

Stable

**10.3 Possibility of hazardous reactions:**

None known.

**10.4 Conditions to avoid:**

None known.

**10.5 Incompatible materials :**

Strong oxidizing agents, strong acids. Contact with acids will cause a heat-releasing reaction. Avoid contact with aluminum, zinc, and their alloys.

**10.6 Hazardous decomposition products:**

Carbon dioxide, carbon monoxide.

**11. Toxicological Information**

**11.1 Information on toxicological effects:**

**Acute toxicity**

**Eye contact:**

Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.

**Skin contact:**

This product has low skin irritation potential. There is no dermal toxicity hazard.

**Irritation and Sensitization Potential:**

This product has low skin irritation potential. It is not a sensitizer.

**Inhalation (Breathing):**

No inhalation hazard expected with water vapor.

**Ingestion:**

Material has low level of oral toxicity.

**Toxicity to Animals**

Quaternary amine compound      LD<sub>50</sub> (oral rat) 580 mg/kg

**Aspiration hazard**

Not an aspiration hazard.

**Chronic Exposure:**

**Reproductive Toxicity:**            Not Available

**Mutagenicity:**                        Not Available

**Teratogenicity:**                      Not Available

**Toxicologically Synergistic Products:**                              Not Available

**Carcinogenic Status:**            This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC, or OSHA, nor have any of its components.

**12. Ecological Information**

**12.1 Ecotoxicity**

Tetrasodium EDTA	LC <sub>50</sub> 96 h	Bluegill sunfish	1,592 mg/l
Tetrasodium EDTA	EC <sub>50</sub> 72 h	Green algae	100 mg/l
Ethoxylated alcohols	LC <sub>50</sub> 96 h	Fish	1 to 10 mg/l
Ethoxylated alcohols	EC <sub>50</sub> 48 h	Daphnia	1 to 10 mg/l
Quarternary amine compound	LC <sub>50</sub> 96 h	Trout	24 mg/l
Quarternary amine compound	EC <sub>50</sub> 96 h	Algae	3.9 mg/l

**12.2 Persistence and degradability:** No information available.

**12.3 Bioaccumulation potential:** No information available

**12.4 Mobility in soil:** No information available.

**12.5 Results of PBT and vPvB Assessment:** This product is not, nor does it contain a substance that is a PBT or vPvB.

**12.6 Other adverse effects:** None known.

**13. Disposal Considerations**

Dispose of product in accordance with National and Local Regulations.

**14. Transport Information**

**UN Number:**                              Not Listed

**UN Proper shipping name:** Not Applicable  
**Transport hazard class(es):** Not Applicable  
**Packing group:** Not Applicable  
**Environmental hazards:** None known  
**Special precautions:** None known  
**TDG:** Not Regulated  
**ICAO/IATA-DGR:** Not Regulated  
**IMDG:** Not Regulated  
**ADR/RID:** Not Regulated

**15. Regulatory Information**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**USA Federal and State**

All components are listed on the TSCA inventory.

<b>Hazard Categories for SARA Section 311/312 Reporting</b>	<u>Acute</u> No	<u>Chronic</u> No	<u>Fire</u> No	<u>Pressure</u> No	<u>Reactive</u> No
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<b><u>Components</u></b>	<b><u>CERCLA/SARA Sec 302 Hazardous Substance RQ</u></b>	<b><u>EHS TPQ</u></b>	<b><u>SARA Sec. 313 Toxic Release</u></b>
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Components are not affected by these Superfund regulations.

**NFPA Ratings:** Health: 1  
 Fire: 0  
 Reactivity: 0

National Fire Protection Association (NFPA) hazard ratings are designed for use by emergency response personnel during spill, fire or similar emergencies. Hazard ratings are based on physical and toxic properties of combustion or decomposition.

**European Union**

All components are listed on the European Inventory of Existing Chemical Substances (EINECS). Product complies with the communication requirements of REACH Regulation (EC) No. 1907/2006. It does not contain Substances of Very High Concern (SVHC).

**Canada**

All components are listed on the DSL inventory. This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

**WHMIS Classification:** NC

**Australia**

All components are listed on the AICS. Not considered hazardous according to criteria of NOHSC Australia.

**15.2 Chemical Safety Assessment**

No chemical safety assessment has been carried out for the mixture by the supplier.

**16. Other Information**

**Abbreviations and acronyms:**

OSHA = Occupational Safety and Health Administration  
 CLP = Classification, Labeling and Packaging Regulation  
 STOT = Specific Target Organ Toxicity

**Product Name:** Polywater® Rubber Goods Cleaner (RBG)

**Revision Date:** January 2, 2015

LD<sub>50</sub> = Median Lethal Dose

DNEL = Derived No Effect Level

ACGIH = American Conference of Governmental Industrial Hygienists

TSCA = Toxic Substances Control Act (USA)

DSL = Domestic Substances List (Canada)

AICS = Australian Inventory of Chemical Substances

**Revision Date:** January 2, 2015

**Revision Number:** 5

**Supersedes:** November 26, 2014

**Other:** Not Applicable

**Indication of Changes:** Section 1, 2, 3, 15, 16 updated. Addition of acronyms and other formatting changes. Updated in accordance with the provisions of OSHA 1910.1200 App D and REACH Annex II (EU No 453/2010). (GHS format)

The information and recommendations contained herein are believed to be reliable. However, the supplier makes no warranties, express or implied, concerning the use of this product. The buyer must determine conditions of safe usage and assumes all risk and liability in handling this product.