

SAFETY DATA SHEET

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

1.1 Product identifier

**Product Name: Polywater®
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

1.4 Emergency telephone numbers

INFOTRAC: 1-800-535-5053 (USA) 1-352-323-3500 (INT'L)

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to USA OSHA 29 CFR 1910.1200 (2012) and Canada HPR (SOR/2015-17; WHMIS 2015).

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:

P264 Wash hands thoroughly after handling.

P280 Wear eye protection.

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 Acute Tox. 5 H303; Eye Dam. 1 H318;
Ethoxylated alcohols	proprietary		< 2%	Aquatic Acute 2 H401
Quaternary amine compound	proprietary		< 2%	Acute Tox. 5 H303;

Eye Dam. 1 H318;
Aquatic Acute 2 H401;
Aquatic Chronic 2 H411
Eye Irrit. 2 H319

Citric acid 77-92-9 201-069-1 < 1%

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

Appearance:	Clear liquid which foams with agitation.
Odor threshold:	Not available
pH:	Neutral
Freezing point:	~ 32°F (0°C)
Boiling point:	~ 212°F (100°C)
Flash point:	None
Evaporation rate:	Not available
Flammability (solid, gas):	Product is not flammable
Upper/lower flammability or explosive limits:	Does not apply
Vapor pressure:	Not available
Vapor density (Air = 1):	Not available
Specific gravity (H₂O = 1):	1.02
Solubility in water:	Complete
Partition coefficient: n-octanol/water:	Not available
Auto-ignition temperature:	Does not apply
Decomposition temperature:	Not available

9.2 Other Information

Volatiles (Weight %):	>90%
VOC Content:	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 LD₅₀ (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 ₅₀ 96 h	Bluegill sunfish	1,592 mg/l
Tetrasodium EDTA	EC ₅₀ 72 h	Green algae	100 mg/l
Ethoxylated alcohols	LC ₅₀ 96 h	Fish	1 to 10 mg/l
Ethoxylated alcohols	EC ₅₀ 48 h	Daphnia	1 to 10 mg/l
Quaternary amine compound	LC ₅₀ 96 h	Trout	24 mg/l
Quaternary amine compound	EC ₅₀ 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.

Hazard Categories for SARA Section 311/312 Reporting	<u>Acute</u> No	<u>Chronic</u> No	<u>Fire</u> No	<u>Pressure</u> No	<u>Reactive</u> No
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Components	CERCLA/SARA Sec 302 Hazardous Substance RQ	EHS TPQ	SARA Sec. 313 Toxic Release
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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

Product complies with the communication requirements of REACH Regulation (EC) No. 1907/2006. All components are listed on the European Inventory of Existing Chemical Substances (EINECS). Contains no substance on the REACH candidate list $\geq 0.1\%$ SCL. Does not contain notified substances from the ELINCS List, Directive 92/32/EEC. Contains no REACH substances with Annex XVII restrictions.

Canada

All components are listed on the DSL inventory.

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

Product Name: Polywater® Rubber Goods Cleaner (RBG)

Revision Date: January 2, 2015

CLP = Classification, Labeling and Packaging Regulation

STOT = Specific Target Organ Toxicity

LD₅₀ = 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, 16 updated with adjustment of precautions, and other formatting changes.

Written in accordance with the provisions of OSHA 1910.1200 App D (2012) and Canada HPR (SOR/2015-17)(WHMIS 2015). (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.