

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-35LR, RBG-128, RBG-640, 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:

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

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

Local Contact Information

1.4 Emergency telephone numbers

INFOTRAC 1-352-323-3500 (International)

National Poison Information Centre (NVIC): +31(0)30 274 8888
(Professional use for acute poisoning only, Netherlands.)
Local poison control information.

2. Hazards Identification

2.1 Classification of the substance or mixture

Classification according to EU Regulation (EC) No 1272/2008 and Australia WHS Regulation (2011).

Eye Irrit 2 H319

Chronic Aquatic 4 H413

2.2 Label elements

Contains: Tetrasodium EDTA, C9-11 Alcohol ethoxylate, Quaternarycoco alkyl amine ethoxylate, Sodium carbonate



Pictograms:

Signal Word: Warning

Hazard Statements:

H319 Causes serious eye irritation.

H413 May cause long lasting harmful effects to aquatic life.

Precautionary Statements:

P264 Wash hands thoroughly after handling.

P273 Avoid release to the environment.

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.
 P501 Dispose of contents in accordance with local regulations.

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, H332; Eye Irrit. 2 H319
C9-11 Alcohol ethoxylate	68439-46-3	614-482-0	< 2%	Acute Tox. 5 H303; Eye Irrit 2 H319; Aquatic Acute 2 H401
Quaternary coco alkylamine ethoxylate	61791-10-4	612-393-1	< 2%	Acute Tox. 5 H303; Eye Dam. 1 H318; Aquatic Acute 2 H401;
Sodium carbonate	497-19-8	207-838-8	< 2%	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:

Sodium Carbonate (67-63-0)

Country/Source	Long-term exposure limit – 8 hr TWA	Short-term exposure limit – 15 min
European Chemicals Agency EC 1907/2006	10 mg/m ³	--

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:	~ 0°C
Boiling point:	~ 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

Tetrasodium EDTA (dust/mist)	LC ₅₀ (inhl rat) >2.27 mg/l, 4 hours
C9-C11 Alcohol ethoxylate	LD ₅₀ (oral rat) >5000 mg/kg
C9-C11 Alcohol ethoxylate	Maximization Test (GPMT) Guinea pig; Does not cause skin sensitization per OECD Test Guideline 406
Quaternary coco alkylamine ethoxylate	LD ₅₀ (oral rat) >2000 mg/kg
Quaternary coco alkylamine ethoxylate	Risk of serious damage to eyes
Sodium carbonate	LD ₅₀ (oral rat) 4090 mg/kg
Sodium carbonate	LC ₅₀ (inhl rat) 2300 mg/m ³ , 2 hours
Sodium carbonate	LD ₅₀ (dermal mouse) 2210 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	EC ₅₀ 48 h Daphnia magna (Water flea) 140 mg/l
Tetrasodium EDTA (chronic)	NOEC, Daphnia magna, semi-static test, 21 d 25 mg/l
C9-C11 Alcohol ethoxylate	LC ₅₀ 96 h Oncorhynchus mykiss (rainbow trout) 1 to 10 mg/l
C9-C11 Alcohol ethoxylate	EC ₅₀ 48 h Daphnia magna (Water flea) 1 to 10 mg/l
C9-C11 Alcohol ethoxylate	EC ₅₀ 72 h Skeletonema costatum (Marine diatom) 1 to 10 mg/l
Quaternary coco alkylamine ethoxylate	LC ₅₀ 96 h Oncorhynchus mykiss (rainbow trout) 10 to 100 mg/l
Quaternary coco alkylamine ethoxylate	EC ₅₀ 48 h Daphnia magna (Water flea) 10 to 100 mg/l
Quaternary coco alkylamine ethoxylate	EC ₅₀ 72 h Algae 1 to 10 mg/l
Sodium carbonate	LC ₅₀ 96 h L macrochius 300 mg/l
Sodium carbonate	LC ₅₀ 96 h Daphnia magna (Water flea) 265 mg/l

12.2 Persistence and degradability: No information available.

12.3 Bioaccumulation potential: Bioaccumulation potential is low based on components

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.

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Revision Date: 20 September 2016

Hazard Categories for SARA Section 311/312 Reporting No No No No No

Components **CERCLA/SARA Sec 302 Hazardous Substance RQ** **EHS TPQ** **SARA Sec. 313 Toxic Release**

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.

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
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

Mixture classification according to Regulation (EC) No 1272/2008:

H319 Causes serious eye irritation
H413 May cause long lasting harmful effects to aquatic life.

Additional physical testing shows this material is pH neutral and is not corrosive.

Classification Procedure

Calculation method.
Calculation method.

Revision Date: August 10, 2017

Revision Number: 7 EU

Supersedes: August 10, 2017

Locale:

Indication of Changes: Section 1, 2, 3, 8, 11, 12,16 updated. New hazard classifications, toxicity and exposure data.
Written in accordance with the provisions of REACH Annex II (EU No 453/2010) and Australia WHS Regulation (2011). (GHS format)

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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.