

# SAFETY DATA SHEET

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

### 1.1 Product identifier

**Product Name: Boom Wash Concentrate  
(Type BWC)**

**Product ID numbers:** BWC-128, BWC-640, BWC-DRUM  
BWC-XXX (Where XXX is the package code.)

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

**Identified uses:** Water-based Cleaner Degreaser

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

## 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.**

This product contains no reportable hazardous components according to US Federal regulations and is not classified as dangerous according to EC criteria.

### 2.2 Label elements

**Contains:** None required.

**Pictograms:** None required.

**Hazard Statements:** None required.

### 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>
Diethylene Glycol Mono-Butyl Ether	112-34-5	203-961-6	1 - 3	Eye Irrit. 2A H319
Poly(acrylic acid sodium salt	9003-04-7	618-349-8	1 - 3	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):** No first aid expected to be required. If difficulties arise, contact a physician.

### 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:**

Component Name	Limit	Standard	Source/Note
Diethylene Glycol Mono-Butyl Ether	10 ppm	ACGIH TLV	
Diethylene Glycol Mono-Butyl Ether	10 ppm	ACGIH STEL	

**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
<b>Odor threshold:</b>	Not available
<b>pH:</b>	11
<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>	34 g/l (0.28 lb/gal)

**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**

Poly(acrylic acid sodium salt)	LD <sub>50</sub> (oral rat) >40,000 mg/kg
Diethylene Glycol Mono-Butyl Ether	LD <sub>50</sub> (dermal rabbit) 2764 mg/kg (similar to OECD 402
Diethylene Glycol Mono-Butyl Ether	ATE US (dermal) 2764 mg/kg body weight

**Aspiration hazard**

Not an aspiration hazard.

**Chronic Exposure:**

<b>Reproductive Toxicity:</b>	Not Available
<b>Mutagenicity:</b>	Not Available
<b>Teratogenicity:</b>	Not Available
<b>Toxicologically Synergistic Products:</b>	Not Available
<b>Carcinogenic Status:</b>	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**

Diethylene Glycol Mono-Butyl Ether	LC <sub>50</sub> 96 h	Lepomis macrochirus	1,300 mg/l
Diethylene Glycol Mono-Butyl Ether	EC <sub>50</sub> 48 h	Daphnia magna	4,950 mg/l
Diethylene Glycol Mono-Butyl Ether	EC <sub>50</sub> 96 h	Desmodemus subspicatus (algae)	>100 mg/l
Poly(acrylic acid sodium salt)	LC <sub>50</sub> 96 h	Oryzias latipess	>100 mg/l
Poly(acrylic acid sodium salt)	EC <sub>50</sub> 48 h	Daphnia magna	>100 mg/l
Poly(acrylic acid sodium salt)	EC <sub>50</sub> 72 h	Scenedesmus subspicatus (algae)	>100 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**

<b>UN Number:</b>	Not Listed
<b>UN Proper shipping name:</b>	Not Applicable
<b>Transport hazard class(es):</b>	Not Applicable
<b>Packing group:</b>	Not Applicable
<b>Environmental hazards:</b>	None known
<b>Special precautions:</b>	None known
<b>TDG:</b>	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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<u>Components</u>	<b>CERCLA/SARA Sec 302 Hazardous Substance RQ</b>	<b>EHS TPQ</b>	<b>SARA Sec. 313 Toxic Release</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**

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.  
 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
- 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

**Product Name:** Boom Wash Concentrate (BWC)

**Revision Date:** July 27, 2017

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**Revision Number:** 3

**Supersedes:** June 5, 2015

**Other:** Not Applicable

**Indication of Changes:** Reviewed, no changes. Written 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.