

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

The Energy Network Pty LTD (Ten Group)
65 Wentworth Place,
Banyo, Queensland 4014, Australia
(07) 3212 8999
Email: sales@tengroup.com.au

1.4 Emergency telephone numbers

INFOTRAC: 1-800-535-5053 (USA) 1-352-323-3500 (INT'L)
Poisons Information Centre 131 126

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).

This product contains no reportable hazardous components according to US Federal and Canadian regulations. It is not classified as dangerous according to EC (GHS) 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> |
|------------------------------------|--------------|-------------|--------------|
| Diethylene Glycol Mono-Butyl Ether | 112-34-5 | 203-961-6 | 1 - 3 |
| Poly(acrylic acid sodium salt) | 9003-04-7 | 618-349-8 | 1 - 3 |

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.

5.4 Hazchem code

None allocated.

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**

| | |
|--|--------------------------|
| Appearance: | Clear liquid |
| Odor threshold: | Not available |
| pH: | 11 |
| 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: | 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 ₅₀ (oral rat) >40,000 mg/kg |
| Diethylene Glycol Mono-Butyl Ether | LD ₅₀ (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:

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

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

| | |
|------------------------------------|----------------|
| 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 |
| Hazchem code: | None allocated |

15. Regulatory Information

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

15.1.1. NZ-Regulations

All chemical substances in this product are listed in the New Zealand Inventory of Chemicals (NZIoC) or are exempt

This substance is to be managed using the conditions specified in an applicable Group Standard

HSR Number

HSR002530 Cleaning Products (Subsidiary) Group Standard 2017

15.1.2. EU-regulations

- Contains no REACH substances with Annex XVII restrictions
- Contains no substance on the REACH candidate list
- Contains no REACH Annex XIV substances
- Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.
- Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.3. Australian-regulations

Classified as a Schedule 5 (S5) Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

Safework Australia criteria is based on the Globally Harmonized System (GHS) of Classification and Labelling of Chemicals.

All components are listed on the AICS.

Product is classified as hazardous according to criteria of NOHSC Australia.

15.1.4. International-regulations

All chemical substances in this product are listed as "Active" in the US EPA (Environmental Protection Agency) "TSCA Inventory Notification (Active-Inactive) Requirements Rule" ("the Final Rule"). as of Feb. 2019 or are otherwise exempt.

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)

Product Name: Boom Wash Concentrate (BWC)

Revision Date: April 25, 2022

AICS = Australian Inventory of Chemical Substances

Revision Date: April 25, 2022
Revision Number: 2
Supersedes: May 19, 2021
Locale: New Zealand, Australia
Indication of Changes: No changes.

Written in accordance with the provisions of OSHA 1910.1200 App D (2012) and Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 including New Zealand and Australia specific information. (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.