

SAFETY DATA SHEET

WATERBOURNE GUNWASH

1 IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

1.1. Product identifier

Product name: WATERBORNE GUNWASH
Product code: WATER-GUNWASH-

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: Solvent for industrial use. Automotive products.

1.3. Details of the supplier of the safety data sheet

Company name: Pure Clean Waste Solutions Ltd
Old Moor Road,
Bredbury,
Stockport,
SK6 2QE
Tel: 0161 430 5390
Fax: 0161 406 9723
Email: support@pcws.co.uk
Emergency Tel: 0161 430 5390

1.4. Emergency telephone number

Emergency Tel: 0161 430 5390 (Office hours only)

2 HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

Classification under CHIP: Eye Irrit. 2: H319; Repr. 1B: H360D
Classification under CLP: Causes serious eye irritation. May damage the unborn child.

2.2. Label element

Label elements:
Hazard statements: H319: Causes serious eye irritation.
H360D: May damage the unborn child.
Signal words: Danger
Hazard pictograms: GHS07: Exclamation mark
GHS08: Health hazard



Precautionary statements: P202: Do not handle until all safety precautions have been read and understood.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P264: Wash hands thoroughly after handling.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists: Get medical attention.

2.3. Other hazards

PBT: This substance is not identified as a PBT/vPvB substance.

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3 Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

BUTYL GLYCOL (BG) - REACH registered number(s): 01-2119475108-36

EINECS	CAS	CHIP Classification	CLP Classification	Percent
203-905-0	111-76-2	-	Acute Tox. 4: H302; Skin Irrit. 2: H315; Eye Irrit. 2: H319; Acute Tox. 4: H312; Acute Tox. 4: H332	1-10%
2-(2-BUTOXYETHOXY)ETHANOL				
203-961-6	112-34-5	-	Eye Irrit. 2: H319	1-10%
N-METHYL-2-PYRROLIDONE				
212-828-1	872-50-4	-	Repr. 1B: H360D; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315	1-10%

4 First Aid Measures

4.1. Description of first aid measures

Skin contact:	Wash immediately with plenty of soap and water.
Eye contact:	Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues
Ingestion:	Wash out mouth with water. If patient is conscious, give water to drink. If patient feels unwell, seek medical advice. DO NOT INDUCE VOMITING.
Inhalation:	Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.

4.2. Most important symptoms and effect, both acute and delayed

Skin contact:	There may be mild irritation at the site of contact.
Eye contact:	There may be irritation and redness.
Ingestion:	There may be irritation of the throat.
Inhalation:	No symptoms.

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

Immediate / special treatment: Not applicable.

5 FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6 ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leakside up to prevent the escape of liquid.

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6 ACCIDENTAL RELEASE MEASURES

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

7 Handling and Storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.
Suitable packaging: Original container stored in a dry and cool place.

7.3. Specific use(s)

Specific end use(s): No data available.

8 Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

BUTYL GLYCOL (BG)

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	25 ppm	50ppm	-	-

2-(2-BUTOXYETHOXY)ETHANOL

UK	67.5 mg/m3	101.2 mg/m3	-	-
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N-METHYL-2-PYRROLIDONE

UK	40 mg/m3	80 mg/m3	-	-
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DNEL/PNEC Values

Hazardous ingredients:

BUTYL GLYCOL (BG)

Type	Exposure	Value	Population	Effect
DNEL	Oral	3.2 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	44.5 mg/kg bw/day	Consumers	Local
DNEL	Dermal	89 mg/kg bw/day	Workers	Systemic
DNEL	Dermal	38 mg/kg bw/day	Consumers	Systemic
DNEL	Dermal	75 mg/kg bw/day	Workers	Systemic
DNEL	Inhalation	123 mg/m3	Consumers	Local
DNEL	Inhalation	426 mg/m3	Consumers	Systemic

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DNEL/PNEC Values cont.

**Hazardous ingredients:
BUTYL GLYCOL (BG)**

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	246 mg/m ³	Workers	Systemic
DNEL	Inhalation	49 mg/m ³	Consumers	Systemic
DNEL	Inhalation	98 mg/m ³	Workers	Systemic
PNEC	Fresh water	8.8 mg/l	-	-
PNEC	Fresh water sediments	8.14 mg/kg	-	-
PNEC	Marine sediments	3.46 mg/kg	-	-
PNEC	Marine water	0.88 mg/l	-	-
PNEC	Soil (agricultural)	2.8 mg/kg	-	-

8.2. Exposure controls

Respiratory protection:	Respiratory protection not required.
Hand protection:	Protective gloves.
Eye protection:	Safety glasses. Ensure eye bath is to hand.
Skin protection:	Protective clothing.

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Physical and chemical properties

9.1. Information on basic physical and chemical properties

State:	Liquid	Melting point/range°C	No data available.
Colour:	Off-white	Upper:	10.8
Odour:	Mild.	Part.coeff. n-octanol/water:	No data available.
Evaporation rate:	Negligible	Vapour pressure:	No data available.
Oxidising:	Non-oxidising (by EC criteria)	pH:	No data available.
Solubility in water:	Highly soluble		
Viscosity:	No data available.		
Boiling point/range°C	>35		
Flammability limits %: lower:	1.1		
Flash point°C:	>93		
Autoflammability°C:	No data available.		
Relative density:	0.994		
VOC g/l:	No data available.		

9.2. Other information

Other information: No data available.

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Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions

10.3. Possibility of hazardous reaction

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

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10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

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Toxicological products

11.1. Information on toxicological effects

Hazardous ingredients:

2-(2-BUTOXYETHOXY)ETHANOL

ORL	MUS	LD50	6050	mg/kg
ORL	RAT	LD50	4500	mg/kg

N-METHYL-2-PYRROLIDONE

ORL	MUS	LD50	5130	mg/kg
ORL	RAT	LD50	7	gm/kg
SCU	RAT	LD50	>2	gm/kg

Relevant hazards for substance:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
Reproductive toxicity	--	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be irritation of the throat.
Inhalation: No symptoms.

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Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This Product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

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13 Disposal Considerations

13.1. Waste treatment methods

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14 Transport information

Transport class: This product does not require a classification for transport.

15 Regulatory information

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

15.2. Chemical Safety Assessment

16 Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.
* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3:
H302: Harmful if swallowed.
H312: Harmful in contact with skin.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H360D: May damage the unborn child.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.