



## SAFETY DATA SHEET POLAR WASH

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

<b>Product name</b>	POLAR WASH
<b>Product number</b>	PWS002.5, PWS002.5CA, PWS002.5AU, PWS002.5JAP, PWS002.5N/S, PWS002.5SW/F
<b>Internal identification</b>	BMC/LM40/290817

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

<b>Identified uses</b>	Detergent for use on motor vehicles.
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#### 1.3. Details of the supplier of the safety data sheet

<b>Supplier</b>	Autoglym Works Road Letchworth Herts SG6 1LU UK sds@autoglym.com
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#### 1.4. Emergency telephone number

<b>Emergency telephone</b>	+44 (0) 1462 489498 (24Hrs)
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### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification (EC 1272/2008)

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Skin Irrit. 2 - H315 Eye Dam. 1 - H318
<b>Environmental hazards</b>	Not Classified

#### 2.2. Label elements

##### Pictogram



<b>Signal word</b>	Danger
<b>Hazard statements</b>	H315 Causes skin irritation. H318 Causes serious eye damage.

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**Precautionary statements** P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 P362 Take off contaminated clothing.  
 P332+P313 If skin irritation occurs: Get medical advice/ attention.  
 P280 Wear protective gloves, eye and face protection.  
 P310 Immediately call a POISON CENTER/ doctor.  
 P102 Keep out of reach of children.

**Contains** Alcohols, C12-14, ethoxylated, sulfates, sodium salts, Alcohols, C6-12, ethoxylated

**Detergent labelling** < 5% anionic surfactants, < 5% non-ionic surfactants

**Supplementary precautionary statements** P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

<b>Butoxypropan-1-ol</b>	<b>1-5%</b>
CAS number: 29387-86-8	EC number: 249-598-7
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Irrit. 2 - H319	
<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	<b>1-5%</b>
CAS number: 68891-38-3	EC number: 500-234-8
	REACH registration number: 01-2119488639-16-XXXX
<b>Classification</b>	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Aquatic Chronic 3 - H412	
<b>Alcohols, C6-12, ethoxylated</b>	<b>1-5%</b>
CAS number: 68439-45-2	
<b>Classification</b>	
Acute Tox. 4 - H302	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Eye Dam. 1 - H318	Xn;R22. Xi;R41.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

**Inhalation** Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

**Ingestion** IF SWALLOWED: Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.

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**Skin contact** After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of water. Get medical attention if irritation persists after washing.

**Eye contact** Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes and get medical attention.

### 4.2. Most important symptoms and effects, both acute and delayed

**Inhalation** May cause respiratory system irritation.

**Ingestion** May cause discomfort if swallowed. May cause stomach pain or vomiting.

**Skin contact** Irritating to skin.

**Eye contact** Causes serious eye damage. Profuse watering of the eyes.

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

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

**Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media** None known.

##### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** The product is not flammable.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Hydrogen chloride (HCl). Phosgene (COCl<sub>2</sub>).

##### 5.3. Advice for firefighters

**Protective actions during firefighting** No specific firefighting precautions known.

**Special protective equipment for firefighters** Use protective equipment appropriate for surrounding materials.

#### SECTION 6: Accidental release measures

##### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.

##### 6.2. Environmental precautions

**Environmental precautions** The product is not expected to be hazardous to the environment. The product is biodegradable but it must not be discharged into drains without permission from the authorities.

##### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Take care as floors and other surfaces may become slippery. Absorb spillage with sand or other inert absorbent. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

##### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

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**Usage precautions** Read label before use. For personal protection, see Section 8. Do not breathe mist. Use only in well-ventilated areas.

**Advice on general occupational hygiene** Do not eat, drink or smoke when using this product. Provide eyewash station. Wash hands thoroughly after handling.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in a cool and well-ventilated place. Store in a closed container.

**Storage class** Corrosive storage.

### 7.3. Specific end use(s)

#### SECTION 8: Exposure Controls/personal protection

##### 8.1. Control parameters

##### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls** Provide adequate ventilation.

**Eye/face protection** Wear eye protection.

**Hand protection** For exposure up to 8 hours, wear gloves made of the following material: Nitrile rubber. The breakthrough time for any glove material may be different for different glove manufacturers.

**Other skin and body protection** Wear protective clothing.

**Respiratory protection** If ventilation is inadequate, suitable respiratory protection must be worn.

#### SECTION 9: Physical and Chemical Properties

##### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Clear liquid.
<b>Colour</b>	Pink.
<b>Odour</b>	Mild. Detergent.
<b>Odour threshold</b>	No information available.
<b>pH</b>	pH (concentrated solution): 12.6
<b>Melting point</b>	No information available.
<b>Initial boiling point and range</b>	100°C
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	No information available.
<b>Evaporation factor</b>	No information available.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.

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<b>Relative density</b>	~ 1.02
<b>Solubility(ies)</b>	Miscible with water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	No information available.
<b>Viscosity</b>	No information available.
<b>Explosive properties</b>	No information available.

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

<b>Reactivity</b>	The reactivity data for this product will be typical of those for the following class of materials: Mineral acids. Oxidising agents.
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##### 10.2. Chemical stability

<b>Stability</b>	Stable at normal ambient temperatures and when used as recommended.
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##### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	The following materials may react with the product: Strong alkalis.
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##### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	Avoid heat.
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##### 10.5. Incompatible materials

<b>Materials to avoid</b>	Avoid contact with the following materials: Strong alkalis. Strong oxidising agents.
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##### 10.6. Hazardous decomposition products

<b>Hazardous decomposition products</b>	Thermal decomposition or combustion products may include the following substances: Hydrogen chloride (HCl). Phosgene (COCl <sub>2</sub> ).
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#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

###### Acute toxicity - oral

<b>ATE oral (mg/kg)</b>	30,959.75
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###### Skin corrosion/irritation

<b>Skin corrosion/irritation</b>	Skin irritation.
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###### Serious eye damage/irritation

<b>Serious eye damage/irritation</b>	Causes serious eye damage. Corrosivity to eyes is assumed.
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#### SECTION 12: Ecological Information

##### 12.1. Toxicity

<b>Toxicity</b>	The product is not expected to be hazardous to the environment.
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##### 12.2. Persistence and degradability

<b>Persistence and degradability</b>	The product is readily biodegradable.
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<b>Phototransformation</b>	Not known.
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<b>Stability (hydrolysis)</b>	Not known.
<b>Biodegradation</b>	Expected to be readily biodegradable.
<b>Biological oxygen demand</b>	Not determined.
<b>Chemical oxygen demand</b>	Not determined.

### 12.3. Bioaccumulative potential

<b>Partition coefficient</b>	No information available.
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### 12.4. Mobility in soil

### 12.5. Results of PBT and vPvB assessment

### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

<b>Disposal methods</b>	Dispose of waste product or used containers in accordance with local regulations
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## SECTION 14: Transport information

<b>General</b>	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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### 14.1. UN number

Not applicable.

### 14.2. UN proper shipping name

Not applicable.

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78**

**and the IBC Code**

## SECTION 15: Regulatory information

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

## POLAR WASH

### EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

### 15.2. Chemical safety assessment

#### SECTION 16: Other information

<b>Revision date</b>	25/09/2018
<b>Revision</b>	1
<b>SDS number</b>	22180
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H412 Harmful to aquatic life with long lasting effects.
<b>Signature</b>	Daniel Higgs

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.