



## SAFETY DATA SHEET POLAR BLAST

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

#### 1.1. Product identifier

Product name POLAR BLAST

Internal identification SF/26/190417

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

Identified uses Detergent for use on motor vehicles.

#### 1.3. Details of the supplier of the safety data sheet

Supplier Autoglym  
Works Road  
Letchworth  
Herts  
SG6 1LU  
UK  
sds@autoglym.com

#### 1.4. Emergency telephone number

Emergency telephone +44 (0) 1462 489498 (24Hrs)

### SECTION 2: Hazards identification

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

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

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Dam. 1 - H318

Environmental hazards Aquatic Chronic 3 - H412

#### 2.2. Label elements

##### Pictogram



Signal word Danger

Hazard statements H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H412 Harmful to aquatic life with long lasting effects.

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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.  
 P501 Dispose of contents/ container in accordance with national regulations.  
 P280 Wear protective gloves, eye and face protection.  
 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.  
 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 - < 15% anionic surfactants, < 5% non-ionic surfactants, perfumes

### 2.3. Other hazards

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

##### 3.2. Mixtures

<b>3-Butoxypropan-2-ol</b>	<b>10-30%</b>
CAS number: 5131-66-8	EC number: 225-878-4
	REACH registration number: 01-2119475527-28-XXXX
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Skin Irrit. 2 - H315	Xi;R36/38
Eye Irrit. 2 - H319	
<b>Alcohols, C12-14, ethoxylated, sulfates, sodium salts</b>	
<b>5-10%</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>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Acute Tox. 4 - H302	Xn;R22. Xi;R41.
Eye Dam. 1 - H318	

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<b>Dodecan-1-ol</b>		<b>1-5%</b>
CAS number: 112-53-8	EC number: 203-982-0	REACH registration number: 01-2119485976-15-XXXX
M factor (Acute) = 1	M factor (Chronic) = 1	
<b>Classification</b>		
Skin Irrit. 2 - H315		
Eye Irrit. 2 - H319		
STOT SE 3 - H335		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		
<b>Tetradecanol</b>		<b>&lt;1%</b>
CAS number: 112-72-1	EC number: 204-000-3	REACH registration number: 01-2119485910-33-XXXX
M factor (Chronic) = 1		
<b>Classification</b>		
Eye Irrit. 2 - H319		
Aquatic Chronic 1 - H410		

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

<b>Inhalation</b>	Move affected person to fresh air at once.
<b>Ingestion</b>	Rinse mouth thoroughly with water.
<b>Skin contact</b>	Wash skin thoroughly with soap and water.
<b>Eye contact</b>	Rinse with water. Continue to rinse for at least 15 minutes and get medical attention.

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

<b>Inhalation</b>	No adverse effects known.
<b>Ingestion</b>	May cause irritation.
<b>Skin contact</b>	Irritating to skin.
<b>Eye contact</b>	Causes serious eye damage.

#### 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.

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

<b>Specific hazards</b>	The product is non-combustible.
<b>Hazardous combustion products</b>	Harmful gases or vapours.

#### 5.3. Advice for firefighters

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**Special protective equipment for firefighters**      Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

### SECTION 6: Accidental release measures

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

**Personal precautions**      For personal protection, see Section 8.

#### 6.2. Environmental precautions

**Environmental precautions**      Harmful to aquatic life with long lasting effects. Do not discharge into drains or watercourses or onto the ground.

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

**Methods for cleaning up**      Absorb spillage with sand or other inert absorbent.

#### 6.4. Reference to other sections

**Reference to other sections**      For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions**      Read label before use. For personal protection, see Section 8.

**Advice on general occupational hygiene**      Do not eat, drink or smoke when using this product.

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

**Storage precautions**      No special storage precautions required.

#### 7.3. Specific end use(s)

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

#### 8.2. Exposure controls

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

**Hand protection**      Nitrile rubber. The breakthrough time for any glove material may be different for different glove manufacturers.

**Other skin and body protection**      No specific requirements are anticipated under normal conditions of use.

**Respiratory protection**      Respiratory protection not required.

### SECTION 9: Physical and Chemical Properties

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

**Appearance**      Liquid.

**Colour**      Colourless.

**Odour threshold**      No information available.

**pH**      pH (concentrated solution): 7.35

**Melting point**      No information available.

**Initial boiling point and range**      100°C

**Flash point**      Not applicable.

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<b>Evaporation rate</b>	No information required.
<b>Upper/lower flammability or explosive limits</b>	No information available.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	~ 0.99
<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>Oxidising properties</b>	Not known.

### 9.2. Other information

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

**Reactivity** There are no known reactivity hazards associated with this product.

##### 10.2. Chemical stability

**Stability** Stable at normal ambient temperatures and when used as recommended.

##### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Under normal conditions of storage and use, no hazardous reactions will occur.

##### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat.

##### 10.5. Incompatible materials

**Materials to avoid** Strong acids. Strong oxidising agents.

##### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Does not decompose when used and stored as recommended.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

###### Acute toxicity - oral

**ATE oral (mg/kg)** 10,526.32

###### Skin corrosion/irritation

**Skin corrosion/irritation** Irritating to skin.

###### Serious eye damage/irritation

**Serious eye damage/irritation** Corrosivity to eyes is assumed.

#### SECTION 12: Ecological Information

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**Ecotoxicity** Harmful to aquatic life with long lasting effects.

### 12.1. Toxicity

### 12.2. Persistence and degradability

**Persistence and degradability** The product is readily biodegradable.

### 12.3. Bioaccumulative potential

**Partition coefficient** No information available.

### 12.4. Mobility in soil

**Mobility** The product is soluble in water.

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

### 12.6. Other adverse effects

**Other adverse effects** Not determined.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

**General information** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

### 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 Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

## SECTION 15: Regulatory information

## POLAR BLAST

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

#### EU legislation

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).  
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).

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

### SECTION 16: Other information

Revision date 05/10/2017

Revision 1

SDS number 21255

Hazard statements in full  
H302 Harmful if swallowed.  
H315 Causes skin irritation.  
H318 Causes serious eye damage.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.  
H412 Harmful to aquatic life with long lasting effects.

Signature Daniel Higgs