



## SAFETY DATA SHEET CLEAN WHEELS

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

#### 1.1. Product identifier

<b>Product name</b>	CLEAN WHEELS
<b>Product number</b>	CW001, CW500, CW500AU, CW500CA, CW500CZ/SK, CW500JAP, CW500NL/F, CW500SCAN, CW500SP/P, CW500SW/F
<b>Internal identification</b>	BCW/PF2/070113

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

<b>Identified uses</b>	Detergent for use on motor vehicle wheels
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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>	Met. Corr. 1 - H290
<b>Health hazards</b>	Skin Corr. 1B - H314
<b>Environmental hazards</b>	Not Classified

#### 2.2. Label elements

##### Pictogram



<b>Signal word</b>	Danger
<b>Hazard statements</b>	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage.

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<b>Precautionary statements</b>	<p>P260 Do not breathe vapour/ spray.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.</p> <p>P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P310 Immediately call a POISON CENTER/ doctor.</p> <p>P102 Keep out of reach of children.</p>
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**Contains** Hydrochloric Acid %

**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>Hydrochloric Acid %</b>	<b>1-5%</b>
CAS number: 7647-01-0	EC number: 231-595-7
	REACH registration number: 01-2119484862-27-XXXX
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Skin Corr. 1B - H314	C;R34 Xi;R37
Eye Dam. 1 - H318	
STOT SE 3 - H335	

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 and keep warm and at rest in a position comfortable for breathing.
<b>Ingestion</b>	IF SWALLOWED: Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.
<b>Skin contact</b>	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.
<b>Eye contact</b>	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

<b>Inhalation</b>	Corrosive to the respiratory tract. May cause coughing and difficulties in breathing. Congestion of the lungs may occur, producing severe shortness of breath. Coughing, chest tightness, feeling of chest pressure.
<b>Ingestion</b>	Causes burns. Burning sensation in mouth. Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.
<b>Skin contact</b>	This product is corrosive. Severe skin irritation.
<b>Eye contact</b>	This product is corrosive. May cause chemical eye burns. May cause serious eye damage. Profuse watering of the eyes.

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

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### 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

**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

#### Occupational exposure limits

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### Hydrochloric Acid %

Long-term exposure limit (8-hour TWA): WEL 1 ppm 2 mg/m<sup>3</sup> gas and aerosol mists

Short-term exposure limit (15-minute): WEL 5 ppm 8 mg/m<sup>3</sup> gas and aerosol mists

WEL = Workplace Exposure Limit

### 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

Appearance	Clear liquid.
Colour	Pink.
Odour	Acidic.
pH	pH (concentrated solution): 1.05
Initial boiling point and range	100°C @
Flash point	Not applicable.
Upper/lower flammability or explosive limits	Not applicable.
Relative density	~ 1.0183
Solubility(ies)	Completely soluble in water.
Auto-ignition temperature	Not applicable.

### 9.2. Other information

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

#### Reactivity

The reactivity data for this product will be typical of those for the following class of materials: Mineral acids. Oxidising agents.

### 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

The following materials may react with the product: Strong alkalis.

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### 10.4. Conditions to avoid

**Conditions to avoid** Avoid heat.

### 10.5. Incompatible materials

**Materials to avoid** Avoid contact with the following materials: Strong alkalis. Strong oxidising agents.

### 10.6. Hazardous decomposition products

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

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Skin corrosion/irritation

**Human skin model test** Corrosive to skin.

#### Serious eye damage/irritation

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

## SECTION 12: Ecological Information

### 12.1. Toxicity

**Toxicity** The product is not expected to be hazardous to the environment.

### 12.2. Persistence and degradability

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

**Phototransformation** Not known.

**Stability (hydrolysis)** Not known.

**Biodegradation** Expected to be readily biodegradable.

**Biological oxygen demand** Not determined.

**Chemical oxygen demand** Not determined.

### 12.3. Bioaccumulative potential

### 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

**Disposal methods** Dispose of waste product or used containers in accordance with local regulations

## SECTION 14: Transport information

### 14.1. UN number

**UN No. (ADR/RID)** 1760

**UN No. (IMDG)** 1760

**UN No. (ICAO)** 1760

**UN No. (ADN)** 1760

### 14.2. UN proper shipping name

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**Proper shipping name (ADR/RID)** CORROSIVE LIQUID, N.O.S. (Hydrochloric Acid)

**Proper shipping name (IMDG)** CORROSIVE LIQUID, N.O.S. (Hydrochloric Acid)

**Proper shipping name (ICAO)** CORROSIVE LIQUID, N.O.S. (Hydrochloric Acid)

**Proper shipping name (ADN)** CORROSIVE LIQUID, N.O.S. (Hydrochloric Acid)

### 14.3. Transport hazard class(es)

**ADR/RID class** 8

**ADR/RID classification code** C9

**ADR/RID label** 8

**IMDG class** 8

**ICAO class/division** 8

**ADN class** 8

### Transport labels



### 14.4. Packing group

**ADR/RID packing group** II

**IMDG packing group** II

**ADN packing group** II

**ICAO packing group** II

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

**IMDG Code segregation group** 1. Acids

**EmS** F-A, S-B

**ADR transport category** 2

**Emergency Action Code** 2X

**Hazard Identification Number (ADR/RID)** 80

**Tunnel restriction code** (E)

### 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**

## CLEAN WHEELS

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

<b>EU legislation</b>	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).
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### 15.2. Chemical safety assessment

#### SECTION 16: Other information

<b>Revision date</b>	23/04/2015
<b>Revision</b>	10
<b>SDS number</b>	20889
<b>Hazard statements in full</b>	H290 May be corrosive to metals. H314 Causes severe skin burns and eye damage. H318 Causes serious eye damage. H335 May cause respiratory irritation.
<b>Signature</b>	Daniel Higgs

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