



## SAFETY DATA SHEET NO.43 HEAVY DUTY WHEEL CLEANER

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

#### 1.1. Product identifier

**Product name** NO.43 HEAVY DUTY WHEEL CLEANER  
**Product number** 43005, 43025, 43200, 43025SP/P  
**Internal identification** AWFC/CS2/251019  
**UFI** UFI: Y6G0-W0US-200N-433M

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

**Identified uses** Detergent for use on motor vehicle wheels

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

**Supplier** Autoglym  
 Works Road  
 Letchworth  
 Herts  
 SG6 1LU  
 UK  
 +44 (0)1462 677766  
 +44 (0)1462 677712  
 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** Met. Corr. 1 - H290  
**Health hazards** Skin Corr. 1C - H314 Eye Dam. 1 - H318  
**Environmental hazards** Not Classified

#### 2.2. Label elements

##### Hazard pictograms



**Signal word** Danger

**Hazard statements** H290 May be corrosive to metals.  
 H314 Causes severe skin burns and eye damage.

## NO.43 HEAVY DUTY WHEEL CLEANER

<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 or 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>
<b>Contains</b>	Potassium Hydroxide, 1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts, Disodium Metasilicate Pentahydrate, Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)
<b>Detergent labelling</b>	< 5% amphoteric surfactants, < 5% non-ionic surfactants
<b>Supplementary precautionary statements</b>	P501 Dispose of contents/ container in accordance with national regulations.

### 2.3. Other hazards

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

##### 3.2. Mixtures

<b>1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs., hydroxides, inner salts</b>	<b>1-5%</b>
CAS number: —	EC number: 931-296-8
	REACH registration number: 01-2119488533-30-XXXX
<b>Classification</b>	
Eye Dam. 1 - H318	
Aquatic Chronic 3 - H412	
<b>Potassium Hydroxide</b>	<b>1-5%</b>
CAS number: 1310-58-3	EC number: 215-181-3
	REACH registration number: 01-2119487136-33-XXXX
<b>Classification</b>	
Acute Tox. 4 - H302	
Skin Corr. 1A - H314	
Eye Dam. 1 - H318	
<b>Disodium Metasilicate Pentahydrate</b>	<b>1-5%</b>
CAS number: 6834-92-0	EC number: 229-912-9
	REACH registration number: 01-2119449811-37-XXXX
<b>Classification</b>	
Skin Corr. 1B - H314	
Eye Dam. 1 - H318	
STOT SE 3 - H335	

## NO.43 HEAVY DUTY WHEEL CLEANER

<b>Amides, C8-18 (even numbered) and C18-unsatd., N,N-bis(hydroxyethyl)</b>	<b>1-5%</b>
CAS number: 68155-07-7                      EC number: 931-329-6                      REACH registration number: 01-2119490100-53-XXXX	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318	

The full text for all hazard statements is 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

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	None known.

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

<b>Specific hazards</b>	The product is not flammable.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion products may include the following substances: Hydrogen chloride (HCl). Phosgene (COCl <sub>2</sub> ).

#### 5.3. Advice for firefighters

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
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## NO.43 HEAVY DUTY WHEEL CLEANER

**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

##### **Potassium Hydroxide**

Short-term exposure limit (15-minute): WEL 2 mg/m<sup>3</sup>

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.

## NO.43 HEAVY DUTY WHEEL CLEANER

**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>	Blue.
<b>Odour</b>	Characteristic.
<b>pH</b>	pH (concentrated solution): >13
<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>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	No information available.
<b>Vapour density</b>	No information available.
<b>Relative density</b>	~ 1.1
<b>Solubility(ies)</b>	Completely soluble in water.
<b>Partition coefficient</b>	No information available.
<b>Auto-ignition temperature</b>	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 acids.

#### 10.4. Conditions to avoid

**Conditions to avoid**           Avoid heat.

#### 10.5. Incompatible materials

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

#### 10.6. Hazardous decomposition products

**Hazardous decomposition products**           Thermal decomposition or combustion products may include the following substances: Oxides of the following substances: Carbon. Nitrogen.

## NO.43 HEAVY DUTY WHEEL CLEANER

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity - oral

ATE oral (mg/kg) 12,500.0

##### 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

Partition coefficient No information available.

#### 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

Proper shipping name (ADR/RID) CORROSIVE LIQUID, N.O.S. (Potassium Hydroxide, Disodium Metasilicate)

Proper shipping name (IMDG) CORROSIVE LIQUID, N.O.S. (Potassium Hydroxide, Disodium Metasilicate)

Proper shipping name (ICAO) CORROSIVE LIQUID, N.O.S. (Potassium Hydroxide, Disodium Metasilicate)

## NO.43 HEAVY DUTY WHEEL CLEANER

**Proper shipping name (ADN)** CORROSIVE LIQUID, N.O.S. (Potassium Hydroxide, Disodium Metasilicate)

### 14.3. Transport hazard class(es)

<b>ADR/RID class</b>	8
<b>ADR/RID classification code</b>	C9
<b>ADR/RID label</b>	8
<b>IMDG class</b>	8
<b>ICAO class/division</b>	8
<b>ADN class</b>	8

### Transport labels



### 14.4. Packing group

<b>ADR/RID packing group</b>	III
<b>IMDG packing group</b>	III
<b>ICAO packing group</b>	III
<b>ADN packing group</b>	III

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

<b>EmS</b>	F-A, S-B
<b>ADR transport category</b>	3
<b>Emergency Action Code</b>	2X
<b>Hazard Identification Number (ADR/RID)</b>	80
<b>Tunnel restriction code</b>	(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

### 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

**NO.43 HEAVY DUTY WHEEL CLEANER****SECTION 16: Other information**

<b>Revision date</b>	28/10/2019
<b>Revision</b>	1
<b>SDS number</b>	22358
<b>Hazard statements in full</b>	H290 May be corrosive to metals. H302 Harmful if swallowed. H314 Causes severe skin burns and eye damage. H315 Causes skin irritation. H318 Causes serious eye damage. H335 May cause respiratory irritation. H412 Harmful to aquatic life with long lasting effects.
<b>Signature</b>	Daniel Higgs

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