

## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 4 (replaces version 3)

Revision: 17.01.2023

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

#### 1.1 Product identifier

Trade name: **Alloy Wheel Cleaner**

Article number: 83201

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

FOR PROFESSIONAL AND INDUSTRIAL USE ONLY

Application of the substance / the mixture Surface cleanser

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

##### Manufacturer/Supplier:

KENT (United Kingdom) Ltd

Forsyth House

Pitreavie Drive

Pitreavie Business Park

Dunfermline

Fife

KY11 8US

Tel: +44 01383 723344 / 0800 136925 Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm

Fax: +44 1383 620079

SDS@kenteurope.com

#### 1.4 Emergency telephone number:

Tel: +44 01383 723344 During normal office hours - Monday - Thursday 8.30am - 5.30pm, Friday 9.00am - 3.00pm

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



corrosion

Skin Corr. 1B H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

#### 2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation.

##### Hazard pictograms



GHS05

Signal word Danger

##### Hazard-determining components of labelling:

Hydrogen chloride

Alcohol ethoxylate C9-C11

##### Hazard statements

H314 Causes severe skin burns and eye damage.

##### Precautionary statements

P280 Wear protective gloves / eye protection / face protection.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

(Contd. on page 2)

GB

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 4 (replaces version 3)

Revision: 17.01.2023

**Trade name: Alloy Wheel Cleaner**

(Contd. of page 1)

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

· **Description:** Mixture of the substances listed below with harmless additions.

#### · Dangerous components:

CAS: 107-98-2 EINECS: 203-539-1 Reg.nr.: 1-2119457435-35	1-methoxypropan-2-ol Flam. Liq. 3, H226; STOT SE 3, H336	<5%
CAS: 7647-01-0 EINECS: 231-595-7 Reg.nr.: 01-2119484862-27	Hydrogen chloride Acute Tox. 3, H301; Skin Corr. 1B, H314; Eye Dam. 1, H318; STOT SE 3, H335 Specific concentration limits: Skin Corr. 1B; H314: C ≥ 25 % Skin Irrit. 2; H315: 10 % ≤ C < 25 % Eye Irrit. 2; H319: 10 % ≤ C < 25 % STOT SE 3; H335: C ≥ 10 %	<5%
CAS: 68439-46-3 Polymer	Alcohol ethoxylate C9-C11 Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H312	<3%

#### · Regulation (EC) No 648/2004 on detergents / Labelling for contents

Non-ionic surfactants	<5%
-----------------------	-----

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- **General information** Instantly remove any clothing soiled by the product.
- **After inhalation** Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
- **After skin contact**  
Instantly remove any clothing soiled by the product.  
Instantly wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.
- **After swallowing** Drink copious amounts of water and provide fresh air. Instantly call for doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

#### · Suitable extinguishing agents

Use fire fighting measures that suit the environment.  
CO<sub>2</sub>, extinguishing powder or water haze. Fight larger fires with water haze or alcohol-resistant foam.

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

No further relevant information available.

#### · 5.3 Advice for firefighters

#### · Protective equipment:

Wear self-contained breathing apparatus.  
Wear full protective suit.

### SECTION 6: Accidental release measures

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

Wear protective equipment. Keep unprotected persons away.

#### 6.2 Environmental precautions:

Do not allow to enter drainage system, surface or ground water.  
Dilute with much water.

(Contd. on page 3)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 4 (replaces version 3)

Revision: 17.01.2023

**Trade name: Alloy Wheel Cleaner**

(Contd. of page 2)

**6.3 Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Use neutralising agent.

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

**6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Open and handle container with care.

**Information about protection against explosions and fires:** The product is not flammable**7.2 Conditions for safe storage, including any incompatibilities****Storage****Requirements to be met by storerooms and containers:** Store in cool location.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:**

Protect from heat and direct sunlight.

Store in cool, dry conditions in well sealed containers.

**Storage class** 8 B**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Components with limit values that require monitoring at the workplace:****107-98-2 1-methoxypropan-2-ol**WEL Short-term value: 560 mg/m<sup>3</sup>, 150 ppmLong-term value: 375 mg/m<sup>3</sup>, 100 ppm

Sk

**7647-01-0 Hydrogen chloride**WEL Short-term value: 8 mg/m<sup>3</sup>, 5 ppmLong-term value: 2 mg/m<sup>3</sup>, 1 ppm

(gas and aerosol mists)

**Regulatory information** WEL: EH40/2020**DNELs****107-98-2 1-methoxypropan-2-ol**

Dermal Long term systemic effect 50.6 mg/kg/day (Worker)

Inhalative Long term systemic effect 369 mg/m<sup>3</sup> (Worker)Acute systemic effect 553.5 mg/m<sup>3</sup> (Worker)**7647-01-0 Hydrogen chloride**Inhalative Long term local effect 8 mg/m<sup>3</sup> (Worker)Acute systemic effect 15 mg/m<sup>3</sup> (Worker)**7664-38-2 Phosphoric acid**Inhalative Acute local effect 2 mg/m<sup>3</sup> (Worker)Long term local effect 2.92 mg/m<sup>3</sup> (Worker)**PNECs****107-98-2 1-methoxypropan-2-ol**

PNEC 10 mg/l (Aqua (freshwater))

1 mg/ml (Aqua (marine water))

41.6 mg/kg (Freshwater sediment)

41.7 mg/kg (Marine water sediment)

100 mg/l (Sewage treatment plant)

2.47 mg/kg (Soil)

(Contd. on page 4)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 4 (replaces version 3)

Revision: 17.01.2023

**Trade name: Alloy Wheel Cleaner**

(Contd. of page 3)

**7647-01-0 Hydrogen chloride**

PNEC	0.036 mg/l (Aqua (freshwater))
	0.036 mg/l (Aqua (marine water))
	0.036 mg/l (Sewage treatment plant)
	0.036 mg/l (Soil)

· **Additional information:** The lists that were valid during the compilation were used as basis.

· **8.2 Exposure controls**

· **Appropriate engineering controls** No further data; see item 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures**

Keep away from foodstuffs, beverages and food.

Take off immediately all contaminated clothing

Wash hands during breaks and at the end of the work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Breathing equipment:** Not necessary if room is well-ventilated.

· **Hand protection**



Protective gloves.

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Material of gloves**

Wear suitable gloves tested to EN 374

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

Value for the permeation: Level 6 > 480 minutes

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**



Safety glasses (EN 166)

· **Body protection:** Protective work clothing (EN-13034/6)

### SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Physical state**

Fluid

· **Colour:**

Clear

· **Odour:**

Acidic

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Not determined

· **Boiling point or initial boiling point and boiling range**

100 °C

· **Flammability**

Not applicable.

· **Lower and upper explosion limit**

· **Lower:**

Not determined.

· **Upper:**

Not determined.

· **Flash point:**

Not applicable

· **Decomposition temperature:**

Not determined.

· **pH at 20 °C**

1

· **Viscosity:**

· **Kinematic viscosity**

Not determined.

(Contd. on page 5)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 4 (replaces version 3)

Revision: 17.01.2023

**Trade name: Alloy Wheel Cleaner**

(Contd. of page 4)

· <b>dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>Water:</b>	Fully miscible
· <b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
· <b>Vapour pressure at 20 °C:</b>	23 hPa
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C</b>	1.03 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.

· <b>9.2 Other information</b>	
· <b>Appearance:</b>	
· <b>Form:</b>	Fluid
· <b>Important information on protection of health and environment, and on safety.</b>	
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product is not explosive.
· <b>Solvent content:</b>	
· <b>Organic solvents:</b>	30 g/l VOC
· <b>Change in condition</b>	
· <b>Evaporation rate</b>	Not determined.

· <b>Information with regard to physical hazard classes</b>	
· <b>Explosives</b>	Void
· <b>Flammable gases</b>	Void
· <b>Aerosols</b>	Void
· <b>Oxidising gases</b>	Void
· <b>Gases under pressure</b>	Void
· <b>Flammable liquids</b>	Void
· <b>Flammable solids</b>	Void
· <b>Self-reactive substances and mixtures</b>	Void
· <b>Pyrophoric liquids</b>	Void
· <b>Pyrophoric solids</b>	Void
· <b>Self-heating substances and mixtures</b>	Void
· <b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
· <b>Oxidising liquids</b>	Void
· <b>Oxidising solids</b>	Void
· <b>Organic peroxides</b>	Void
· <b>Corrosive to metals</b>	Void
· <b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

#### LD/LC50 values that are relevant for classification:

##### 107-98-2 1-methoxypropan-2-ol

Oral	LD50	5,000 mg/kg (Rat)
Dermal	LD50	13,500 mg/kg (Rabbit)

(Contd. on page 6)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 4 (replaces version 3)

Revision: 17.01.2023

**Trade name: Alloy Wheel Cleaner**

(Contd. of page 5)

**7647-01-0 Hydrogen chloride**

Oral LD50 238-277 mg/kg (Rat)

Dermal LD50 &gt;5,000 mg/kg (Rabbit)

**68439-46-3 Alcohol ethoxylate C9-C11**

Oral LD50 1,000-1,400 mg/kg (Rat)

Dermal LD50 &gt;2,000 mg/kg (Rabbit)

**7664-38-2 Phosphoric acid**

Oral LD50 2,600 mg/kg (Rat)

Dermal LD50 2,740 mg/kg (Rabbit)

IC50 270 (Activated sludge)

· **Skin corrosion/irritation** Causes severe skin burns and eye damage.· **Serious eye damage/irritation** Causes serious eye damage.· **11.2 Information on other hazards**· **Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**· **12.1 Toxicity**· **Aquatic toxicity:****107-98-2 1-methoxypropan-2-ol**

EC50 (48 hr) &gt;1,000 mg/l (Selenastrum capricornutum)

23,300 mg/l (Daphnia magna)

LC50 (96 hr) 6,812 mg/l (Leuciscus Idus)

&gt;1,000 mg/l (Pimephales promelas)

**7647-01-0 Hydrogen chloride**

LC50 (96 hr) 862 mg/l (Leuciscus Idus)

**68439-46-3 Alcohol ethoxylate C9-C11**

EC50 5-25 mg/l (Daphnia magna)

EC50 (48 hr) 1-10 mg/l (Daphnia magna)

EC50 (72 hr) 1-10 mg/l (Algae)

~4.5 mg/l (Algae (Scenedesmus subspicatus))

LC50 10-100 ug/l (Fish)

LC50 (96 hr) 2.4 mg/l (Fish)

**7664-38-2 Phosphoric acid**

EC50 (24 hr) 29 mg/l (Daphnia magna) (ISO 6341 15)

EC50 (72 hr) &gt;100 mg/l (Algae)

LC50 (24 hr) 245 mg/l (Brachydanio rerio)

LC50 &gt;100 ug/l (Fish) (OECD 203)

LC50 (96 hr) 75.1 mg/l (Oryzias latipes)

98-106 mg/l (Fish)

· **12.2 Persistence and degradability** No further relevant information available.· **12.3 Bioaccumulative potential** No further relevant information available.· **12.4 Mobility in soil** No further relevant information available.· **12.5 Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.· **12.7 Other adverse effects**· **Additional ecological information:**· **General notes:**

This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

(Contd. on page 7)

GB



# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 4 (replaces version 3)

Revision: 17.01.2023

**Trade name: Alloy Wheel Cleaner**

(Contd. of page 6)

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Rinse off of bigger amounts into drains or the aquatic environment may lead to decreased pH-values. A low pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably increased, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

**Recommendation** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

#### Uncleaned packagings:

**Recommendation:** Disposal must be made according to official regulations.

**Recommended cleaning agent:** Water, if necessary with cleaning agent.

### SECTION 14: Transport information

#### 14.1 UN number or ID number

**ADR, IMDG, IATA** UN3264

#### 14.2 UN proper shipping name

**ADR** 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (HYDROCHLORIC ACID)  
**IMDG, IATA** CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (HYDROCHLORIC ACID)

#### 14.3 Transport hazard class(es)

**ADR**  
**Class** 8 (C1) Corrosive substances.  
**Label** 8  
**ADN/R Class:** Void

#### IMDG, IATA

**Class** 8 Corrosive substances.  
**Label** 8

#### 14.4 Packing group

**ADR, IMDG, IATA** III

#### 14.5 Environmental hazards:

**Marine pollutant:** No

#### 14.6 Special precautions for user

**Warning:** Corrosive substances.  
**Kemler Number:** 80  
**EMS Number:** F-A,S-B  
**Segregation groups** Acids  
**Stowage Category** A  
**Stowage Code** SW2 Clear of living quarters.

#### 14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

#### Transport/Additional information:

**ADR**  
**Limited quantities (LQ)** 5L  
**Excepted quantities (EQ)** Code: E1  
 Maximum net quantity per inner packaging: 30 ml  
 Maximum net quantity per outer packaging: 1000 ml

**Transport category** 3  
**Tunnel restriction code** E

#### IMDG

**Limited quantities (LQ)** 5L

(Contd. on page 8)

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 23.01.2023

Version number 4 (replaces version 3)

Revision: 17.01.2023

**Trade name: Alloy Wheel Cleaner**

(Contd. of page 7)

**· Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

**· UN "Model Regulation":**UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.  
(HYDROCHLORIC ACID), 8, III**SECTION 15: Regulatory information****· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****· Directive 2012/18/EU****· Named dangerous substances - ANNEX I** None of the ingredients is listed.**· National regulations****· Technical instructions (air):**

Class	Share in %
Wasser	80.0
NK	3.0

**· Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.**· 15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**· Relevant phrases**

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

**· Department issuing data specification sheet:** Environment protection department**· Abbreviations and acronyms:**

RID: (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

ADR: European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (UK REACH)

PNEC: Predicted No-Effect Concentration (UK REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 3: Acute toxicity – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

**· Data compared to the previous version altered. \***