

SAFETY DATA SHEET
according to Regulation (EC) No 1907/2006 (REACH) as amended

Revision date: 28.07.2021

**1- IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/
UNDERTAKING**

Product details

Trade name: Super strong wheel rim cleaner

Article number: 49721

Substance / mixture: mixture

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

Intended use: PC-CLN-17.OTH Other vehicle (all types) cleaning and care products/ Rim cleaner.

Mixture uses advised against: The product should not be used in ways other than those referred in Section 1.

Manufacturer/Supplier: Chamäleon GmbH

Rudolf-Diesel-Straße, 8a, 69155 Heidelberg -- Germany

Further information obtainable from: Product Safety Department

Information in case of emergency: + 49 70024112112 (CH)

2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture

Classification of the mixture in accordance with Regulation (EC) No 1272/2008

The mixture is classified as dangerous.

Skin Sens. 1, H317

Eye Irrit. 2, H319

Full text of all classifications and hazard statements is given in the section 16.

Most serious adverse effects on human health and the environment:

May cause an allergic skin reaction. Causes serious eye irritation.

Label elements

Hazard pictogram:



Signal word: Warning

Hazardous substances:

Ammonium mercaptoacetate

Hazard statements:

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

Precautionary statements:

P102 Keep out of reach of children.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

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

P332+P313 If skin irritation occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P405 Store locked up.

Supplemental information:

<5 % phosphonates, <5 % anionic surfactants, <5 % non-ionic surfactants, Środki konserwujące: octylisothiazolinone, 2-bromo-2-nitropropane-1,3-diol

Other hazards:

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

3- COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical characterization:

Mixture of substances and additives specified below.

Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment:

| Identification numbers | Substance name | Content in % weight | Classification according to Regulation (EC) No 1272/2008 | Note |
|--|--------------------------------------|---------------------|--|------|
| Index: 603-027-00-1 CAS: 107-21-1 EC: 203-473-3 | ethanediol | <8 | Acute Tox. 4, H302 STOT RE 2, H373 | 1 |
| CAS: 5421-46-5 EC: 226-540-9 Registration number: 01-2119531489-31-XXXX | Ammonium mercaptoacetate | <7 | Met. Corr. 1, H290 Acute Tox. 3, H301 Skin Sens. 1, H317 | |
| CAS: 68891-38-3 EC: 500-234-8 Registration number: | oksyethoxylated sulfate alkyl-sodium | <3 | Skin Irrit. 2, H315 Eye Dam. 1, H318 Aquatic Chronic 3, H412 | 2 |

| | | | | |
|-----------------------|--|--|--|--|
| 01-2119488639-16-0010 | | | | |
|-----------------------|--|--|--|--|

Notes:

- 1 Substance with a Union workplace exposure limit.
 - 2 Substance of very high concern - SVHC.
- Full text of all classifications and hazard statements is given in the section 16.

4- FIRST - AID MEASURE

Description of first aid measures:

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

If inhaled:

Terminate the exposure immediately; move the affected person to fresh air.

If on skin:

Remove contaminated clothes. Wash the affected area with plenty of water, lukewarm if possible. Soap, soap solution or shampoo should be used if there is no skin injury. Provide medical treatment if skin irritation persists.

If in eyes:

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Rinsing should continue at least for 10 minutes. Provide medical treatment, specialized if possible.

If swallowed:

DO NOT INDUCE VOMITING - even the induced vomiting can cause complications as in case of detergents and other foaming substances.

Most important symptoms and effects, both acute and delayed

If inhaled: Not expected.

If on skin:

May cause an allergic skin reaction.

If in eyes:

Causes serious eye irritation.

If swallowed:

Irritation, nausea.

Indication of any immediate medical attention and special treatment needed:

Symptomatic treatment.

5- FIRE - FIGHTING MEASURE

Extinguishing media

Suitable extinguishing media:

Alcohol-resistant foam, carbon dioxide, powder, water spray jet, water mist.

Unsuitable extinguishing media: Water - full jet.

Special hazards arising from the substance or mixture:

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

Advice for firefighters:

Self-Contained Breathing Apparatus (SCBA) with a chemical protection suit only where personal (close) contact is likely. Use a self-contained breathing apparatus and full-body protective clothing. Do not allow run-off of contaminated fire extinguishing material to enter drains or surface and ground water.

6- ACCIDENTAL RELEASE MEASURE**Personal precautions, protective equipment and emergency procedures:**

Use personal protective equipment for work. Follow the instructions in the Sections 7 and 8. Prevent contact with skin and eyes.

Environmental precautions:

Prevent contamination of the soil and entering surface or ground water.

Methods and material for containment and cleaning up:

Spilled product should be covered with suitable (non-flammable) absorbing material (sand, diatomaceous earth, earth and other suitable absorption materials); to be contained in well closed containers and removed as per the Section 13. In the event of leakage of the substantial amount of the product, inform fire brigade and other competent bodies. After removal of the product, wash the contaminated site with plenty of water. Do not use solvents.

Reference to other sections:

See the Section 7, 8 and 13.

7- HANDLING AND STORAGE**Precautions for safe handling:**

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Prevent contact with skin and eyes. Wash hands and exposed parts of the body thoroughly after handling. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

Conditions for safe storage, including any incompatibilities:

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

Specific end use(s): not available

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

The mixture contains no substances for which occupational exposure limits are set.

European Union

Commission Directive 2000/39/EC

| Substance name (component) | Type | Value | Note |
|-------------------------------|----------------|-----------------------|------|
| ethanediol (CAS: 107-21-1) | OEL 8 hours | 52 mg/m ³ | Skin |
| | OEL 8 hours | 20 ppm | |
| | OEL 15 minutes | 104 mg/m ³ | |
| | OEL 15 minutes | 40 ppm | |

Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

Eye/face protection:

Protective goggles.

Skin protection:

Hand protection: Protective gloves resistant to the product. Contaminated skin should be washed thoroughly.

Respiratory protection:

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

Thermal hazard: Data not available.

Environmental exposure controls:

Observe usual measures for protection of the environment, see Section 6.

9 – PHYSICAL AND CHEMICAL PROPERTIES

| Information on basic physical and chemical | properties |
|---|---------------------------|
| Physical state: | <i>liquid</i> |
| Colour: | <i>colourless</i> |
| Odour: | <i>characteristic</i> |
| Melting point/freezing point: | <i>data not available</i> |
| Initial boiling point and boiling range: | <i>data not available</i> |
| Flammability: | <i>data not available</i> |
| Lower and upper explosion limit: | <i>data not available</i> |
| Flash point: | <i>data not available</i> |
| Auto-ignition temperature: | <i>data not available</i> |
| Decomposition temperature: | <i>data not available</i> |

| | |
|---|-------------------------------|
| pH: | <i>6,5 (undiluted)</i> |
| Kinematic viscosity: | <i>data not available</i> |
| Solubility in water: | <i>soluble</i> |
| Partition coefficient n-octanol/water (log value): | <i>data not available</i> |
| Vapour pressure: | <i>data not available</i> |
| Density and/or relative density | |
| Density: | <i>1,017 g/cm³</i> |
| Relative vapour density: | <i>data not available</i> |
| Particle characteristics: | <i>data not available</i> |
| Form: | |

Other information: not available

10- STABILITY AND REACTIVITY

Reactivity: not available

Chemical stability: The product is stable under normal conditions.

Possibility of hazardous reactions: Unknown.

Conditions to avoid:

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

Incompatible materials:

Protect against strong acids, bases and oxidizing agents.

Hazardous decomposition products:

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

11- TOXICOLOGICAL INFORMATION

Information on hazard classes as defined in Regulation (EC) No 1272/2008:

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. No toxicological data is available for the mixture.

Acute toxicity:

Based on available data the classification criteria are not met.

oksxyethoxylated sulfate alkyl-sodium

| Route of exposure | Parameter | Value | Time of exposure | Species | Sex |
|-------------------|-----------|-------|------------------|---------|-----|
|-------------------|-----------|-------|------------------|---------|-----|

| | | | | | |
|------|------------------|-------------|--|-------------------------|--|
| Oral | LD ₅₀ | >2500 mg/kg | | Rat (Rattus norvegicus) | |
| Skin | LD ₅₀ | >2000 mg/kg | | Rat (Rattus norvegicus) | |

Skin corrosion/irritation:

Based on available data the classification criteria are not met.
oksyethoxylated sulfate alkyl-sodium

| Route of exposure | Result | Time of exposure | Species |
|-------------------|--------|------------------|---------|
| Skin | | 24-72 hour | Rabbit |
| Skin | | 24-72 hour | Rabbit |

Serious eye damage/irritation:

Causes serious eye irritation.

Respiratory or skin sensitisation:

May cause an allergic skin reaction.

Germ cell mutagenicity:

Based on available data the classification criteria are not met.

Carcinogenicity:

Based on available data the classification criteria are not met.

Reproductive toxicity:

Based on available data the classification criteria are not met.

Toxicity for specific target organ - single exposure:

Based on available data the classification criteria are not met.

Toxicity for specific target organ - repeated exposure:

Based on available data the classification criteria are not met.

Aspiration hazard:

Based on available data the classification criteria are not met.

Information on other hazards: not available

12 – ECOLOGICAL INFORMATION

Toxicity

Acute toxicity: Data for the mixture are not available.

Persistence and degradability:

The mixture is biodegradable.

Bioaccumulative potential: Data not available.

Mobility in soil: Data not available.

Results of PBT and vPvB assessment:

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

Endocrine disrupting properties: not available

Other adverse effects: Data not available.

13- DISPOSAL CONSIDERATION

Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorized for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling

Waste management legislation:

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended.

Decision 2000/532/EC establishing a list of wastes, as amended.

14- TRANSPORT INFORMATION

UN number or ID number:

not subject to transport regulations

UN proper shipping name:

not relevant

Transport hazard class(es):

not relevant

Packing group:

not relevant

Environmental hazards:

not relevant

Special precautions for user:

Reference in the Sections 4 to 8.

Maritime transport in bulk according to IMO instruments:

not relevant

15 – REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture
Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended. REGULATION (EC) No 648/2004 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 March 2004 on detergents, as amended.

Chemical safety assessment: not available

16-OTHER INFORMATION

A list of standard risk phrases used in the safety data sheet:

H290 May be corrosive to metals.
H301 Toxic if swallowed.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H373 May cause damage to organs through prolonged or repeated exposure.
H412 Harmful to aquatic life with long lasting effects.

Guidelines for safe handling used in the safety data sheet:

P102 Keep out of reach of children.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P405 Store locked up.

Other important information about human health protection:

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

Key to abbreviations and acronyms used in the safety data sheet:

ADR European agreement concerning the international carriage of dangerous goods by road

BCF Bioconcentration Factor
CAS Chemical Abstracts Service
CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC Identification code for each substance listed in EINECS
EINECS European Inventory of Existing Commercial Chemical Substances
EmS Emergency plan
EU European Union
EuPCS European Product Categorisation System
IATA International Air Transport Association
IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO International Civil Aviation Organization
IMDG International Maritime Dangerous Goods
INCI International Nomenclature of Cosmetic Ingredients
ISO International Organization for Standardization
IUPAC International Union of Pure and Applied Chemistry
LD₅₀ Lethal dose of a substance in which it can be expected death of 50% of the population
log Kow Octanol-water partition coefficient
MARPOL International Convention for the Prevention of Pollution from Ships
OEL Occupational Exposure Limits
PBT Persistent, Bioaccumulative and Toxic
ppm Parts per million
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals
RID Agreement on the transport of dangerous goods by rail
UN Four-figure identification number of the substance or article taken from the UN
Model Regulations
UVCB Substances of unknown or variable composition, complex reaction products or biological materials
VOC Volatile organic compounds
vPvB Very Persistent and very Bioaccumulative
Acute Tox. Acute toxicity
Aquatic Chronic Hazardous to the aquatic environment (chronic)
Eye Dam. Serious eye damage
Eye Irrit. Eye irritation
Met. Corr. Corrosive to metals
Skin Irrit. Skin irritation
Skin Sens. Skin sensitization
STOT RE Specific target organ toxicity - repeated exposure

Training guidelines:

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

Recommended restrictions of use:

not available

Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.

REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available – information from registration dossiers.

More information:

Classification procedure - calculation method.

The information contained in these sheets is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects and should not be construed as any guarantee of technical performance or suitability for particular applications.