

Safety Data Sheet
in accordance with Regulation (EC)
No. 1907/2006

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Zolleks Avto d.o.o.

ZOLLEX WHEEL CLEANER

Date of issue: 10/07/2016
Version: 1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name	ZOLLEX WHEEL CLEANER
Substance/mixture	Mixture
Code:	PW-065

1.2 Relevant identified uses of the substance/mixture and inadvisable uses

Identified uses: Wheel cleaner

1.3 Details of the supplier of the Safety Data Sheet

Supplier:

Zolleks Avto d.o.o.
Kidričeva cesta 97
SI-4220 Škofja Loka

Telephone: +386 4 502 07 10
Telephone: +386 4 502 07 19

E-mail address of the person responsible for drawing up the Safety Data Sheet:

info@zolleks.si

1.4 Emergency telephone number

Emergency call – Slovenia: 112

2. HAZARD IDENTIFICATION

2.1 Classification of the substance/mixture

Classification in accordance with Regulation (EC) No. 1272/2008

Skin Corr. 1A; H314 Causes severe skin burns and eye damage.
Eye Irrit. 2; H319 Causes serious eye irritation.

For the full text of the H-statements mentioned in this Section, see Section 16.

2.2 Label elements

Classification based on Regulation (EC) No. 1272/2008



Signal word: Dangerous

Hazard statements:

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H314 Causes severe skin burns and eye damage.

H319 Causes serious eye irritation.

Precautionary statements:

P102 Keep out of reach of children.

P405 Store locked up.

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

P303 + P361 + P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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 local/national regulations.

Contains: sodium hydroxide

Substances in accordance with the Detergents Regulations 648/2004/EC:

<5% EDTA and its salts, <5% anionic surfactants

Note: a child resistant closure and a tactile warning necessary.

2.3. Other hazards

No information available.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Chemical Name	CAS ES Index	REACH Reg. No.	Content in %	Classification based on the Regulation (EC) No. 1272/2008
Polyoxyethylene isodecyl ether	61827-42-7 - -	-	<1.5	Skin Irrit. 2; H315 Eye Dam. 1; H318
Sodium hydroxide	1310-73-2 215-185-5 011-002-00-6	-	<1.0	Skin Corr. 1A; H314
Tetrasodium ethylenediaminetetraacetate	64-02-8 200-573-9 607-428-00-2	-	<0.8	Acute Tox. 4 ; H302 Eye Dam. 1; H318
Quaternary coco alkylamine ethoxylate	- - -	-	<0.5	Eye Dam. 1; H318 Aquatic Chronic 2; H411

For the full text of the H-statements mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

4.1 Description of first-aid measures

Inhalation

Move affected person to fresh air. Keep affected person warm and at rest. If breathing has stopped, provide artificial respiration. If breathing is difficult, administer oxygen. Immediately seek medical attention.

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Skin contact	Immediately remove contaminated clothing and shoes. Wash the skin with plenty of water and rinse for at least 15 minutes. Immediately seek medical attention.
Eye contact	In case of contact with eyes, rinse immediately with plenty of water. Immediately seek medical attention.
Ingestion	Seek medical attention immediately. Do not induce vomiting, unless directed to do so by medical personnel. If swallowed, rinse mouth with water (only if the affected person is conscious).

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing agents

Suitable extinguishing agents	Carbon dioxide, foam, powder or split water spray.
Unsuitable extinguishing agents	Direct water stream.

5.2 Special hazards arising from the substance or mixture

Special hazards	In case of fire, use split water spray.
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5.3 Advice for fire-fighters

Special protective equipment for fire-fighters	Wear self-contained breathing apparatus that is independent of the ambient atmosphere and protective clothing in case of risk of exposure to product vapours or combustion fumes.
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6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For untrained personnel:	Use personal protective equipment. In case of large spill, alert rescue personnel. Avoid direct contact with product. Avoid contact with eyes and skin. Follow the instruction in Section 8.
For rescue personnel:	Use personal protective equipment. Provide appropriate ventilation.

6.2 Environmental precautions

Do not allow into drains/surface water/groundwater. In the event of water or sewerage system contamination, notify Information Centre. Blot dry major part of spilled material with appropriate absorbent (sand, soil) and remove the rest with a stream of water.

6.3 Cleaning up methods, materials and retention

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Small spill: Wash with a stream of running water. Blot dry spilled material with appropriate absorbent and place it in suitable removal containers.

6.4 Reference to other sections

Personal protective equipment

See Section 8.

Waste management

See Section 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice for safe handling

Avoid contact with eyes, skin and clothing, avoid breathing vapours. After using this product thoroughly wash your hands with water and soap. Carefully close the open container. When using the product do not eat, drink or smoke. Consider general occupational hygiene.

7.2 Conditions for a safe storage, including any incompatibilities

Technical measures/storage conditions

Store in tightly closed container. Store in a dry, cool and well-ventilated place. Keep away from food and drink. Keep at temperature between +5°C and +35°C. Store in the original packaging.

Incompatible materials

No information available.

7.3 Specific end uses

No information available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational exposure limit values for ingredients:

CAS: 215-185-5, sodium hydroxide

MV: 2(l) mg/m³, KTV: 1; note: Y

Slovenia:

Source: Rules on the protection of workers from the risks related to exposure to chemical substances at work (OG RS No. 100/01, 39/05, 53/07, 102/10, 43/11 — Health and Safety at Work Act-1 and 38/15)

8.2 Exposure controls

Engineering controls

Use only in well-ventilated areas.

Personal protective equipment

General information

Immediately remove contaminated, soaked clothing. Wash hands and face after work. When using this product do not eat or drink.

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Respiratory protection	In case of insufficient ventilation use respiratory protection (standard SIST EN 143:2001 A1:2006)
Hand protection	Protective gloves in accordance with SIST EN 374, 1–4 hours, material of safety gloves: butyl rubber or nitrile
Eye protection	Eye protection in accordance with SIST EN 166. Safety goggles, face shield or other full face protection.
Skin and body protection	Protective clothing in accordance with SIST EN 467. Protective apron, shoes.

8.3. Environmental exposure controls

General information Not determined.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Liquid
Colour	Transparent
Odour	Distinctive
Odour threshold values	Not applicable
pH	11-12 (100%)
Melting/freezing point	No data available
Autoflammability temperature	No data available
Initial boiling point and boiling range	No data available
Flash point	>100°C
Evaporation rate	No data available
Flammability	No data available
Upper/lower flammability or explosive limits	No data available
Vapour pressure	No data available
Vapour density	No data available
Relative density	0.95–1.0 g/cm ³ (at 20°C)
Water solubility	Soluble in water
Partition coefficient: n-octanol/water	No data available
Self-ignition temperature	No data available
Decomposition temperature	No data available
Viscosity	No data available
Explosive properties	No data available
Oxidising properties	No data available

9.2 Other information No information available.

10. STABILITY AND REACTIVITY

10.1 Reactivity No information available.

10.2 Chemical stability Product is stable under normal use and storage conditions.

10.3 Possibility of hazardous reactions Do not mix with other products.

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10.4 Conditions to avoid

Do not mix with other products.

10.5 Incompatible materials

Do not mix with other products.

10.6 Hazardous decomposition products

No information available.

11. TOXICOLOGICAL INFORMATION

(a) Acute toxicity

No information available.

(b) Skin corrosion/irritation

Causes severe skin burns.

(c) Serious eye damage/irritation

Causes serious eye irritation and serious eye damage.

(d) Respiratory or skin sensitisation

No information available.

(e) Germ cell mutagenicity category

No information available.

(f) Carcinogenicity

No information available.

(g) Toxicity for reproduction

No information available.

(h) STOT-single exposure

No information available.

(i) STOT-repeated exposure

No information available.

(j) Aspiration hazard

No information available.

Additional information:

Ethoxylated alcohol (alcohol ethoxylate)

* Likely ways of exposure: Ingestion and contact

Test: LD50 , oral, rat: No information available

* LD50, dermal (eyes), rabbit > 2000 mg / kg Irritating to eyes. May cause irreversible eye damage.

* Sensitivity: Does not cause sensitisation.

CAS: 64-02-8, tetrasodium ethylenediaminetetraacetate

Test: LD50, oral, rat – male: 3030 mg/kg. If ingested in small quantities it is unlikely to cause damage. Ingestion of larger quantities, however, may be harmful.

Test: LD50, oral, rabbit: >500 mg/kg. Prolonged or repeated exposure may cause serious skin irritation.

Eye contact: May cause serious eye irritation. May cause moderate cornea lesions. Mist may cause eye irritation.

CAS: 215-185-5, sodium hydroxide

Sodium hydroxide is a very corrosive product, which causes damage to skin, eyes, lungs and digestive tract.

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If swallowed: In case of ingestion there is a risk of perforation of oesophagus and stomach (strong corrosive effect)

If inhaled: Breathing vapour or smoke may present a risk to human health and cause pulmonary oedema. Causes cough, pain, suffocation and breathing difficulties.

In case of skin contact: Causes severe skin burns

In case of eye contact: Causes serious eye damage

Delayed and immediate effects as well as chronic effects from short and long-term exposure: Causes wounds that heal slowly and with difficulty

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No information available.

Product contains component that is toxic to aquatic life with long lasting effects.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

Prevent release into the environment.

13. DISPOSAL CONSIDERATIONS

13.1 Waste management methods

Waste/product residues: Product and product residues dispose as hazardous waste disposed at an authorised collector and disposer of hazardous waste.

Contaminated packaging: Packaging is not reusable. Packaging must be disposed of as hazardous waste.

National regulations regarding waste:

- Decree on waste

- Decree on the management of packaging and packaging waste

14. TRANSPORT INFORMATION

14.1 UN number:

UN1824

14.2 UN proper shipping name:

RAZTOPINA NATRIJEVEGA HIDROKSIDA
SODIUM HYDROXIDE SOLUTION

14.3 Transport hazard classification:

8 Corrosive substances

14.4 Packaging group:

III

14.5 Environmental hazard:

None

14.6 Special precautions for user: *Caution! Corrosive substances*

ADR:

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14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Does not concern

15. REGULATORY INFORMATION

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

European Union

Regulation 1907/2006/ES (REACH)

Regulations in Slovenia

- *Chemicals Act*
- *Rules on the classification, packaging and labelling of dangerous substances*
- *Rules on the classification, packaging and labelling of dangerous preparations*
- *Decree on waste*
- *Decree on the management of packaging and packaging waste*
- *Rules on the protection of workers from the risks related to exposure to chemical substances at work*
- *Rules on personal protective equipment used by workers at work*

15.2 Chemical safety assessment

Chemical safety assessment has not been made.

16. OTHER INFORMATION

16.1 Source of the safety data sheet: Manufacturer's safety data sheet Очисник колісних дисків Zollex Wheel cleaner (30/03/2016)

16.2 List of relevant hazard statements and/or precautionary statements

H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H411 Toxic to aquatic life with long lasting effects.

16.3. Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road
RID: Regulation Concerning the International Carriage of Dangerous Goods by Rail
TWA (time-weighted average): Daily exposure limit value (8h) at the workplace
STEL: Short-term occupational exposure limit value
Ceiling: Peak limitation
MV: Occupational exposure limit value 8h
KTV: Short-term limit value
EC50: Median effective concentration
LC50: Lethal concentration, 50%
LD50: Median lethal dose
Y: Substances that do not represent a risk of damage to embryo when BAT values are observed

16.4. Disclaimer

The above information is based on our present knowledge and experience and relates to the product in the state in which it has been delivered. The information is to describe our product regarding safety requirements. Entries do not constitute a guarantee of the product properties in the legal sense. It is

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the consumer's responsibility to know and take into account the legal provisions relating to the transport and use of the product.

End of the Safety Data Sheet