

SAFETY DATA SHEET

CLAS OHLSON WHEEL CLEANER

Date 27.2.2015

Previous date: 13.12.2013

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

- 1.1 Product identifier**
Commercial Product Name
 CLAS OHLSON WHEEL CLEANER
- Article-No.
 1002
 60803
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Recommended use
 Rim cleaning.
- 1.3 Details of the supplier of the safety data sheet**
Supplier
 Lahega Kemi AB
- P.O.Box** Box 13073
Postcode and post office 250 13 Helsingborg
 Sweden
- Telephone** +46 42 256700
Telefax +46 42 256750
Email info@lahega.se
- 1.4 Emergency telephone number**
 United Kingdom of Great Britain and Northern Ireland:
 National Poisons Information Service
 + 8 448 920 111, 24 hrs
 Ireland: Dublin
 +353 1 809 2166 (public). 24hrs
 Malta:
 +356 2545 0000/ +356 2545 6504

SECTION 2. HAZARDS IDENTIFICATION

For the full text of the R-phrases mentioned in this Section, see Section 16.
 The product is tested.

- 2.1 Classification of the substance or mixture**
1272/2008 (CLP)
 Skin Irrit. 2, H315
 Eye Irrit. 2, H319
67/548/EEC - 1999/45/EC
 Xi; R36/38
- 2.2 Label elements**
Composition:
 Oxalic acid dihydrate (1-5%)
1272/2008 (CLP)
 GHS07
- | | |
|---------------------------------|--|
| Signal word | Warning |
| Hazard Statements | |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| Precautionary Statements | |
| P102 | Keep out of reach of children. |
| P301 | IF SWALLOWED: |
| P314 | Get medical advice/attention if you feel unwell. |



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P305	IF IN EYES:
P351	Rinse cautiously with water for several minutes.
P312	Call a POISON CENTER or doctor/physician if you feel unwell.
P264	Wash hands thoroughly after handling.
P280	Wear eye protection.
P501	Dispose of contents/container to the recycling center or recycling in accordance with local and national regulations.

- 2.3 Other hazards**
No information available.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures				
Hazardous components				
CAS	EINECS	Chemical name of the substance	Concentration	Classification
68439-46-3	-	C9-11 Alcohol ethoxylate	1 - 5 %	Xi; R41 Eye Dam. 1, H318
6153-56-6	205-634-3	Oxalic acid dihydrate	1 - 5 %	Xn;R21/22 Acute Tox. 4, H302; Acute Tox. 4, H312
54549-24-5	259-217-6	Hexyl-D-glucoside	1 - 5 %	Xi;R41 Eye Dam. 1, H318

- 3.3 Other information**
For the full text of the R-phrases mentioned in this Section, see Section 16.
For the full text of the H-Statements mentioned in this Section, see Section 16.
REACH Registration Number
Oxalic acid dihydrate: 01-2119534576-33
Hexyl-D-glucoside: 01-2119492545-29

SECTION 4. FIRST AID MEASURES

- 4.1 Description of first aid measures**
- Inhalation**
If breathed in, move person into fresh air.
- Skin contact**
Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Call a physician if symptoms occur.
- Eye contact**
In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Call a physician if symptoms occur.
- Ingestion**
Do NOT induce vomiting. Rinse mouth. Drink plenty of water. If possible drink milk afterwards. Call a physician if symptoms occur.
- 4.2 Most important symptoms and effects, both acute and delayed**
Causes severe eye irritation. Causes skin irritation.
- 4.3 Indication of immediate medical attention and special treatment needed**
No information available.

SECTION 5. FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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- 5.2 Special hazards arising from the substance or mixture**
No information available.
- 5.3 Advice for firefighters**
In the event of fire, wear self-contained breathing apparatus. Evacuate personnel to safe areas.
- 5.4 Specific methods**
The product is not flammable.

SECTION 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
Use personal protective equipment. See chapter 8.
- 6.2 Environmental precautions**
Try to prevent the material from entering drains or water courses.
- 6.3 Methods and materials for containment and cleaning up**
adsorption in inert material (e.g. sand, kieselguhr, acid binder, universal binder, sawdust) Dispose of as hazardous waste in compliance with local and national regulations. After cleaning, flush away traces with water.
- 6.4 Reference to other sections**
If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Do not get in eyes, on skin, or on clothing. Ensure that eyewash stations and safety showers are close to the workstation location.
- 7.2 Conditions for safe storage, including any incompatibilities**
Keep tightly closed in a dry, cool and well-ventilated place. Store in original container. Keep away from food and drink. Store at room temperature.
- 7.3 Specific end use(s)**
No information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
Contains no substances with occupational exposure limit values.
- Other information on limit values**
No information available.
- DNELs**
No information available.
- PNECs**
No information available.
- 8.2 Exposure controls**
- Appropriate engineering controls**
Wash hands before eating, drinking, or smoking. Ensure adequate ventilation.
- Individual protection measures**
- Respiratory protection**
In case of insufficient ventilation wear suitable respiratory equipment. Respirator with a particle filter (EN 143) (P2)
- Hand protection**
Protective gloves, Nitrile rubber, Neoprene
- Eye/face protection**
Safety glasses or Use protective skin cream before handling the product.

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Skin protection

Long sleeved clothing. Wear suitable protective clothing as needed.

Environmental exposure controls

No information available.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1	Important Health Safety and Environmental Information	
	Appearance	Liquid, light yellow
	Odour	slight
	Odour threshold	no data available
	pH	< 2 (concentrate)
	Melting point/freezing point	no data available
	Initial boiling point and boiling range	~ 100 °C
	Flash point	no data available
	Evaporation rate	no data available
	Flammability (solid, gas)	no data available
	Explosive properties	
	Lower explosion limit	no data available
	Upper explosion limit	no data available
	Vapour pressure	no data available
	Vapour density	no data available
	Relative density	~ 1,03 g/cm ³ (20°C)
	Solubility(ies)	
	Water solubility	completely miscible
	Fat solubility (solvent - oil to be specified)	no data available
	Partition coefficient: n-octanol/water	no data available
	Auto-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	
	Melting point: ~ 0 °C	

SECTION 10. STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal conditions.
10.2	Chemical stability	Stable under recommended storage conditions.
10.3	Possibility of hazardous reactions	Incompatible with bases.
10.4	Conditions to avoid	no data available
10.5	Incompatible materials	Incompatible with bases.
10.6	Hazardous decomposition products	No hazardous decomposition products are known.

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SECTION 11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects****Acute toxicity**

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Prolonged skin contact may cause skin irritation. May cause irritation of respiratory tract.

Irritation and corrosion

Severe eye irritation

Sensitisation

No information available.

Subacute, subchronic and prolonged toxicity

No information available.

STOT-single exposure

No information available.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

Other information on acute toxicity

No data is available on the product itself.

SECTION 12. ECOLOGICAL INFORMATION**12.1 Toxicity****Aquatic toxicity**

Oxalic acid dihydrate:

EC50/48h/daphnia = 137 mg/l

EC50/72h/algae = 1550 mg/l

Hexyl-D-glucoside:

LC50/96h/fish = > 100 mg/l

EC50/48h/daphnia = > 100 mg/l

EC50/72h/algae = > 100 mg/l

C9-11 alcohol ethoxylate:

LC50/96h/fish = 1 - 10 mg/l

EC50/48h/daphnia = 1 - 10 mg/l

EC50/72h/algae = 1 - 10 mg/l

Toxicity to other organisms

No information available.

12.2 Persistence and degradability**Biodegradation**

Hexyl-D-glucoside:

ThOD > 70 %

C9-11 alcohol ethoxylate:

> 60 %

Readily biodegradable.

Chemical degradation

No information available.

12.3 Bioaccumulative potential

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Oxalic acid dihydrate:
Log Pow -0.81
Hexyl-D-glucoside:
Log Pow < 3
C9-11 alcohol ethoxylate:
Log Pow 2.4
Bioaccumulation is unlikely.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT). This mixture contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other adverse effects

not hazardous Information given is based on data on the components and the toxicology of similar products. Discharge into water can cause pH lowering causing damage to aquatic organisms.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Empty containers should be taken to an approved waste handling site for recycling or disposal. Dispose of wastes in an approved waste disposal facility.

13.2 Waste from residues / unused products

The following Waste Codes are only suggestions: 070604 - other organic solvents, washing liquids and mother liquors

SECTION 14. TRANSPORT INFORMATION

14.1 UN number not applicable

14.2 UN proper shipping name not applicable

14.3 Transport hazard class(es) not applicable

14.4 Packing group not applicable

14.5 Environmental hazards
not applicable

14.6 Special precautions for users
No special precautions required.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not relevant

SECTION 15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures, EU Directives 67/548/EEC or 1999/45/EC, Regulation (EC) No. 1907/2006. The surfactant(s) contained in this mixture complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents.

15.2 Chemical safety assessment
No information available.

SECTION 16. OTHER INFORMATION

16.1 Additions, Deletions, Revisions
Version 1.0.

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16.2 Key or legend to abbreviations and acronyms

- **DNEL** - No observed adverse effect level
- **PNEC** - Predicted No Effect Concentration
- **PBT** - persistent, bioaccumulating and toxic.
- **vPvB** - very persistent and very bioaccumulating.

16.3 Key literature references and sources for data

REGULATION (EC) No 1272/2008, Safety data

16.4 Classification procedure

Classification according to Regulation (EU) 1272/2008 with the correlation table 67/548/EEC or 1999/45/EC (Annex VII of CLP)

16.5 List of relevant R phrases, hazard statements, safety phrases and/or precautionary statements

R21/22	Harmful in contact with skin and if swallowed.
R36/38	Irritating to eyes and skin.
R41	Risk of serious damage to eyes.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

16.6 Additional information available from:

Provide adequate information, instruction and training for operators. Take notice of labels and material safety data sheets for the working chemicals.