

ColorTec Wheel Cleaner

Print date: 01.03.2013

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

1.1. Product identifier

ColorTec Wheel Cleaner

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

Use of the substance/mixture

Special wheel cleaner

1.3. Details of the supplier of the safety data sheet

Company name:	einszett	
	Werner Sauer GmbH & Co. KG	
Street:	Industrieweg 9 - 15	
Place:	D-51429 Bergisch Gladbach	
Telephone:	+49 2204 94940	Telefax:+49 2204 949470
e-mail:	matthias.gregorzewski@einszett.de	
Contact person:	Mr. Gregorzewski	Telephone:-39
Internet:	www.einszett.com	
Responsible Department:	Laboratory einszett	
	Mr. Gregorzewski	

1.4. Emergency telephone number:

+49 171 9939555

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Indications of danger: Xi - Irritant

R phrases:

Irritating to eyes, respiratory system and skin.

2.2. Label elements

Danger symbols: Xi - Irritant



Xi - Irritant

R phrases

36/37/38 Irritating to eyes, respiratory system and skin.

S phrases

02 Keep out of the reach of children.
 23 Do not breathe Aerosol .
 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
 37 Wear suitable gloves.
 51 Use only in well-ventilated areas.

Additional advice on labeling

Product is classified and labeled in accordance with EC regulations or the corresponding national laws.

The classification was undertaken in accordance with the calculation method governed by the Preparations Directive (1999/45/EC).

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2.3. Other hazards

High slip hazard because of leaking or spilled product.

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Preparation on the basis of cationic and nonionic surfactants, complexing agents and alkaline substances

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
206-696-4	sodium mercaptoacetate	5 - 10 %
367-51-1	T - Toxic, Xn - Harmful R21-25-43	
	Acute Tox. 4, Acute Tox. 3, Skin Sens. 1; H312 H301 H317	
203-961-6	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	1 - 5 %
112-34-5	Xi - Irritant R36	
603-096-00-8	Eye Irrit. 2; H319	
305-318-6	Sodium N-(2-carboxyethyl)-N-(2-ethylhexyl)-β-alaninate	1 - 5 %
94441-92-6	Xi - Irritant R38-41	
270-116-6	Benzolsulfonsäure, C10-13 Alkylderivate	1 - 5 %
68411-31-4	Xi - Irritant R38-41	
	Skin Irrit. 2, Eye Dam. 1; H315 H318	

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

If victim is at risk of losing consciousness, position and transport on their side. Self-protection of the first aider.

Move victim out of danger zone. Take off immediately all contaminated clothing.

After inhalation

In case of inhaling spray mists, consult a doctor immediately and show him box or label. In case of breathing difficulties administer oxygen.

After contact with skin

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Rinse mouth immediately and drink large quantities of water.

4.2. Most important symptoms and effects, both acute and delayed

Following symptoms can occur: Allergic reactions.

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SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

The product itself is not combustible. Extinguishing materials should be selected according to the surrounding area.

Extinguishing media which must not be used for safety reasons

High power water jet.

5.2. Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂).

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

Fire remains and contaminated fire-fighting water must be disposed according to the local official rules.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Keep away from unprotected people. Keep upwind. Wear personal protection equipment.

6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Suitable absorbing material: diatomaceous earth. Treat the assimilated material according to the section on waste disposal.

6.4. Reference to other sections

See protective measures under point 7 and 8.

Treat the assimilated material according to the section on waste disposal.

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

The following must be prevented: skin contact. Eye contact.

Further information on handling

Use only in well-ventilated areas.

When diluting, always get the water first and then add the product.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Keep only in the original container in a cool, well-ventilated place.

Advice on storage compatibility

Keep away from food, drink and animal feeding.

Further information on storage conditions

Keep container tightly closed.

7.3. Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

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Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
112-34-5	2-(2-Butoxyethoxy)ethanol	10	67.5		TWA (8 h)	WEL
		15	101.2		STEL (15 min)	WEL

8.2. Exposure controls**Occupational exposure controls**

Refer to chapter 7. No further action is necessary.

Protective and hygiene measures

Avoid contact with skin, eye and clothing. When using do not eat, drink or smoke.

Respiratory protection

Respiratory protection required in case of: aerosol or mist generation.

particulates filter device (DIN EN 143). P1 (white)

Only use breathing apparatus with CE-label including the four-digit identification number.

Hand protection

Tested protective gloves are to be worn: nach DIN EN 374

Suitable material:

CR (polychloroprenes, Chloroprene rubber):.

Thickness of glove material: 0,75 mm; penetration time (maximum wearing period): 480 min. NBR (Nitrile rubber):.

Thickness of glove material: 0,55 mm; penetration time (maximum wearing period): 480 min. NR (Natural rubber (Caoutchouc), Natural latex):.

Thickness of glove material: 1,0 mm; penetration time (maximum wearing period): 30 min.

Additional protection measures for the hands: Before using check leak tightness / impermeability.

Eye protection

Tightly sealed safety glasses. gemäß DIN EN 166

Skin protection

Wear suitable protective clothing.

Environmental exposure controls

No information available.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	yellow
Odour:	characteristic

pH-Value (at 20 °C):

Test method
9 DIN 19268

Changes in the physical state

Melting point:	- 10 °C
Boiling point:	100 °C DIN 53171
Flash point:	100 °C DIN 51755

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Explosive properties

not Explosive.

Oxidizing properties

not oxidizing.

Vapour pressure:

23 hPa DIN 51640

(at 20 °C)

Density (at 20 °C):

1,1 g/cm³ DIN 51757

Water solubility:

1000 g/L

(at 20 °C)

Partition coefficient:

Undetermined.

Flow time:

> 30 s (3 mm) 3 DIN EN ISO 2431

Vapour density:

Undetermined.

SECTION 10: Stability and reactivity

10.1. Reactivity

No information available.

10.3. Possibility of hazardous reactions

No information available.

10.4. Conditions to avoid

heat.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects**Acute toxicity**

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
367-51-1	sodium mercaptoacetate				
	oral	LD50 mg/kg	50-200	Rat.	
	dermal	ATE	1100 mg/kg		
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether				
	oral	LD50	5660 mg/kg	Rat.	
	dermal	LD50	2700 mg/kg	Rabbit.	
94441-92-6	Sodium N-(2-carboxyethyl)-N-(2-ethylhexyl)-β-alaninate				
	oral	LD50	5000 mg/kg	Rat.	

Specific effects in experiment on an animal

No information available.

Irritation and corrosivity

Irritant effect on the eye: irritant.

Practical experience.

Irritant effect on the skin: mild irritant.

Practical experience.

Sensitising effects

no danger of sensitization.

Practical experience.

Carcinogenic/mutagenic/toxic effects for reproduction

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No information available.

SECTION 12: Ecological information

12.1. Toxicity

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether					
	Acute fish toxicity	LC50	1650 mg/l	96		
	Acute algae toxicity	ErC50	> 100 mg/l		Scenedesmus sp.	
	Acute crustacea toxicity	EC50	> 100 mg/l	48	Daphnia magna	
94441-92-6	Sodium N-(2-carboxyethyl)-N-(2-ethylhexyl)-β-alaninate					
	Acute fish toxicity	LC50	100 mg/l	96	Onchorhynchus mykiss	
	Acute crustacea toxicity	EC50	> 100 mg/l	48	Daphnia magna	

12.2. Persistence and degradability

Biological degradation: > 80% (28 d) Easily biodegradable (concerning to the criteria of the OECD) Degree of elimination: > 95% Method: OECD 301E/ EWG 92/69, annex V, C.4-B
Biologically degradable according to the criteria laid out in the Washing and Cleansing Agents Act . The surfactants contained in the product are biodegradable according to the requirements of the Detergent Directive 648/2004/EC.

12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
112-34-5	2-(2-butoxyethoxy)ethanol, diethylene glycol monobutyl ether	0,56 (25°C)
94441-92-6	Sodium N-(2-carboxyethyl)-N-(2-ethylhexyl)-β-alaninate	0,07

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

No information available.

Further information

AOX: The product contains no organically bound Halogen.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Remove according to the regulations.

Waste disposal number of waste from residues/unused products

060104 WASTES FROM INORGANIC CHEMICAL PROCESSES; wastes from the manufacture, formulation, supply and use (MFSU) of acids; phosphoric and phosphorous acid
Classified as hazardous waste.

Contaminated packaging

Water.

Waste disposal according to EC Directives 75/442/EEC and 91/689/EEC on waste and hazardous waste in their latest versions.

Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

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SECTION 14: Transport information**Land transport (ADR/RID)****Other applicable information (land transport)**

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

1999/13/EC (VOC): ca. 2% (20 - 25 g/L)

Additional information

Sources of the most important data: 2001/118/EG, 1999/45/EG, 91/155/EWG, 67/548/EWG, (EG) 1907/2006, (EG) 1272/2008, GefStoffV, WRMG, WHG, TRG 300, TRGS 200, TRGS 220, ADR 2011, IMDG-Code

National regulatory informationEmployment restrictions: Observe employment restrictions for young people.
Water contaminating class (D): 1 - slightly water contaminating**Additional information**

Observe regulation 98/24/EC for employee health protection against the threat of chemical substances in the workplace.

SECTION 16: Other information**Full text of R phrases referred to under Sections 2 and 3**

- | | |
|----------|--|
| 21 | Harmful in contact with skin. |
| 25 | Toxic if swallowed. |
| 36 | Irritating to eyes. |
| 36/37/38 | Irritating to eyes, respiratory system and skin. |
| 38 | Irritating to skin. |
| 41 | Risk of serious damage to eyes. |
| 43 | May cause sensitisation by skin contact. |

Full text of H statements referred to under Sections 2 and 3

- | | |
|------|--------------------------------------|
| H301 | Toxic if swallowed. |
| H312 | Harmful in contact with skin. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |

Further Information

Moreover, national legislation has to be observed!

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is solely responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)