

Safety Data Sheet

according to Regulation (EC) No 1907/2006

EHRLE CW WheelCleaner ICE

Revision date: 26.09.2024

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

1.1. Product identifier

EHRLE CW WheelCleaner ICE

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

Use of the substance/mixture

Product for professional cleaning and maintenance

1.3. Details of the supplier of the safety data sheet

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Notrufnummer für die Schweiz (Tox-Zentrum Zürich): 145
Numéro d'urgence France: INRS: +33 (0) 1 45 42 59 59
Numero d'emergenza Italia: Centro Antiveleni - 20162 Milano: 02/66101029 ETTSZ /
Egészségügyi Toxikológiai Tájékoztató Szolgálat/, 1096 Budapest, Nagyvárad tér 2.
Ügyeleti telefonszám: +36 80 201-199
Emergency telephone number for all other countries: +49/8134/9305-169

1.4. Emergency telephone number: see section 1.3

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

H223 + H226

Wortlaut Full text of hazard statements: see SECTION 16.

2.2. Label elements

GB CLP Regulation

Signal word: Warning

Pictograms:



Hazard statements

H223 Flammable aerosol

H226 Flammable liquid and vapour

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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

nonionic surfactants <5%, anionic surfactants <5%, alkalis, complexing agents, solubilizers, corrosion inhibitors, dyes

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Avoid contact with skin and eyes.

After inhalation

not hazardous by inhalation

After contact with skin

Wash off immediately with soap and plenty of water. Take off all contaminated clothing immediately.

After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids.

If eye irritation persists, consult a specialist.

After ingestion

Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting.

If swallowed, seek medical advice immediately and show this container or label.

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

This information is not available.

4.3. Indication of any immediate medical attention and special treatment needed

Show this safety data sheet to the doctor in attendance.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Any extinguishing means and measures are acceptable.

5.2. Special hazards arising from the substance or mixture

This information is not available.

5.3. Advice for firefighters

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes and clothing.

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6.2. Environmental precautions

Do not flush into surface water.

6.3. Methods and material for containment and cleaning up

Wipe up with absorbent material (e.g. cloth, fleece). Flush with plenty of water.
Never return spills in original containers for re-use.

6.4. Reference to other sections

Refer to protective measures listed in sections 7 and 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid contact with skin and eyes.

Advice on protection against fire and explosion

No special protective measures against fire required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store at room temperature in the original container. Store in a place accessible by authorized persons only.

Hints on joint storage

Keep away from food, drink and animal feedingstuffs.
Do not store near acids.

Further information on storage conditions

Keep container tightly closed.
Never return unused material to storage receptacle.

7.3. Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
1310-73-2	Sodium hydroxide	-	2		STEL (15 min)	WEL

8.2. Exposure controls

Appropriate engineering controls

Not required.

Protective and hygiene measures

General industrial hygiene practice.

Eye/face protection

Safety glasses with side-shields conforming to EN166

Hand protection

Protective gloves

Recommendation: Nitrile gloves with a coating thickness of 0.4 mm which protect at least 8 hours (corresponds to the permeability level 6 of the European norm DIN/EN 374) and provide a resistance to swelling of < 15%.

Skin protection

Wear suitable protective clothing.

Respiratory protection

Not required

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Environmental exposure controls

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state: liquid
Colour: yellow-green
Odour: characteristic

Test method

pH-Value (at 20 °C): > 12,0 K-QP1012C

Changes in the physical state

Melting point: < -15 °C
Initial boiling point and boiling range: > 80 °C
Sublimation point: not applicable
Softening point: not applicable
Pour point: not applicable
Flash point: > 60 °C

Flammability

Solid: not applicable
Gas: not applicable

Explosive properties

Not explosive

Lower explosion limits: not applicable
Upper explosion limits: not applicable
Ignition temperature: not applicable

Auto-ignition temperature

Solid: not applicable
Gas: not applicable

Decomposition temperature: not determined

Oxidizing properties

Not relevant

Vapour pressure: not determined

Density (at 20 °C): 0,91 g/cm³ K-QP1012EWater solubility:
(at 20 °C) completely miscible**Solubility in other solvents**

not determined

Partition coefficient: not determined

Viscosity / dynamic: not determined

Viscosity / kinematic: not determined

Flow time: not determined

Vapour density: not determined

Evaporation rate: not determined

9.2. Other information

Solid content: not determined

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SECTION 10: Stability and reactivity**10.1. Reactivity**

This information is not available.

10.2. Chemical stability

This information is not available.

10.3. Possibility of hazardous reactions

This information is not available.

10.4. Conditions to avoid

Do not expose to temperatures above 35 °C.

10.5. Incompatible materials

This information is not available.

10.6. Hazardous decomposition products

No decomposition if stored and applied as directed.

Further information

Do not mix with other detergents or chemicals.

SECTION 11: Toxicological information**11.1 Information on hazard classes according to Regulation (EC) No 1272/2008****Acute toxicity**

Based on available data, the classification criteria are not met.

Irritant and corrosive effect

Based on available data, the classification criteria are not met.

Sensitizing effects

Based on available data, the classification criteria are not met.

Carcinogenic, mutagenic and toxic for reproduction effects

Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Based on available data, the classification criteria are not met.

Specific target organ toxicity in case of repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

11.2. Information on other hazards**Endocrine disrupting properties**

No information available.

General remarks

No adverse health effects are known or expected if handled as directed.

SECTION 12: Ecological information**12.1. Toxicity**

No data is available on the product itself.

12.2. Persistence and degradability

The surfactants in the product meet all requirements of the detergents regulation 648/2004/EC.

12.3. Bioaccumulative potential

This information is not available.

12.4. Mobility in soil

This information is not available.

12.5. Results of PBT and vPvB assessment

This information is not available.

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12.6. Other adverse effects

This information is not available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Do not dispose of waste into sewer.

List of Wastes Code - residues/unused products

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

List of Wastes Code - used product

070699 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of fats, grease, soaps, detergents, disinfectants and cosmetics; wastes not otherwise specified

Contaminated packaging

Clean container with water. Return cleaned containers to the company for recycling. Offer rinsed packaging material to local recycling facilities.

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

<u>14.1. UN number:</u>	not applicable
<u>14.2. UN proper shipping name:</u>	not applicable
<u>14.3. Transport hazard class(es):</u>	not applicable
<u>14.4. Packing group:</u>	not applicable

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

Not required

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

Other applicable information

Not classified as dangerous in the meaning of transport regulations.

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SECTION 15: Regulatory information

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

National regulatory information

Water hazard class (D): 1 - slightly water polluting

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route
(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 Harmonized 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
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate

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NOEC: No Observed Effect Concentration

BCF: Bio-concentration factor

PBT: persistent, bioaccumulative, toxic

vPvB: very persistent, very bioaccumulative

RID: Regulations concerning the international carriage of dangerous goods by rail

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)

EmS: Emergency Schedules

MFAG: Medical First Aid Guide

MARPOL: International Convention for the Prevention of Marine Pollution from Ships

IBC: Intermediate Bulk Container

SVHC: Substance of Very High Concern

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

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