

Safety Data Sheet

Wheel Cleaner (Alkaline)

EU: According to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) 2020/878.
USA: According to OSHA Hazard Communication Standard (HCS) 29 CFR 1910.1200.
TR: According to KKDİK Regulation No. 30105 dated June 23, 2017.
RU: According to GOST 30333-2007.

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

Trade Name: KOCHMAIER Wheel Cleaner
Product Code / Packages: 500 ml: KC-10.10.050.24
UFI Code: SU8N-H2XH-YD9R-5A6Q

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:

Identified Uses: Heavy duty wheel cleaner for painted alloy and steel wheels.
Uses Advised Against: Do not use on polished, bare unlacquered aluminum or hot braking components.

1.3 Details of the Supplier of the Safety Data Sheet:

KOCHMAIER, Minervastr. 36, 74613 Öhringen, Germany | Tel: +49-170-290-6038 | Email: info@kochmaier.com

1.4 Emergency Telephone Number

+49-170-290-6038 (24h) | Emergency: 112

Section 2: Hazards Identification

2.1 Classification of the Substance or Mixture (CLP / GHS):

Hazard Class	Hazard Category	Hazard Statements
Skin Corrosion (Skin Corr.)	Category 1	H314: Causes severe skin burns and eye damage.
Serious Eye Damage (Eye Dam.)	Category 1	H318: Causes serious eye damage.
Corrosive to Metals (Met. Corr.)	Category 1	H290: May be corrosive to metals.

2.2 Label Elements:



Signal Word: DANGER

Hazard Statements: H314: Causes severe skin burns and eye damage. | H290: May be corrosive to metals.

Precautionary Statements:

P102: Keep out of reach of children.
P260: Do not breathe mist/vapours/spray.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or 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.
P310: Immediately call a POISON CENTER or doctor.

2.3 Other Hazards

Contains no PBT or vPvB substances according to REACH Annex XIII. No endocrine disrupting properties ($\geq 0.1\%$).

Section 3: Composition / Information on Ingredients

3.1 Substances: Not applicable. | **3.2 Mixtures:** Alkaline aqueous solution.

Chemical Name	CAS No / EC No	Concentration (%)	Classification (EC) No 1272/2008 (CLP)
Sodium Hydroxide (Caustic Soda)	1310-73-2 / 215-185-5	0.5 - < 1 %	Met. Corr. 1, H290; Skin Corr. 1A, H314
Etidronic Acid (HEDP)	2809-21-4 / 220-552-8	0.5 - < 1 %	Met. Corr. 1, H290; Acute Tox. 4, H302; Eye Dam. 1, H318
Non-ionic Surfactant Blend (Alcohol Ethoxylates)	Proprietary / Trade Secret	< 0.5 %	Acute Tox. 4, H302; Eye Dam. 1, H318
Disodium EDTA	6381-92-6 / 205-358-3	< 0.5 %	Acute Tox. 4, H332; STOT RE 2, H373
Alcohols, C10-16, ethoxylated, sulfates, sodium salts (SLES)	68585-34-2 / 500-223-8	< 0.3 %	Skin Irrit. 2, H315; Eye Dam. 1, H318

Full text of H-statements: see Section 16.

Safety Data Sheet

Wheel Cleaner (Alkaline)

Section 4: First Aid Measures

4.1 Description of First Aid Measures

General Notes: Remove casualty from exposure area. Take off immediately all contaminated clothing. Seek medical attention immediately.

Following Inhalation: Provide fresh air. If breathing is difficult, give oxygen. Call a physician immediately.

Following Skin Contact: Wash immediately with plenty of water for at least 15 minutes. Consult a physician immediately.

Following Eye Contact: Rinse cautiously with water for at least 15 minutes holding eyelids wide open. Remove contact lenses if easy to do. Call an ophthalmologist immediately.

Following Ingestion: Rinse mouth with water. Drink plenty of water. Do not induce vomiting (danger of perforation). Call an emergency doctor immediately.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

Severe caustic burns of the skin and eyes. Danger of irreversible corneal damage and blindness.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat as strong alkali burn.

Section 5: Firefighting Measures

5.1 Extinguishing Media

Suitable Extinguishing Media: Water spray jet, alcohol-resistant foam, CO2, dry powder.

Unsuitable Extinguishing Media: Full water jet.

5.2 Special Hazards Arising from the Substance or Mixture

Non-flammable. Contact with light metals (aluminum, zinc) may generate flammable hydrogen gas.

5.3 Advice for Firefighters

Wear self-contained breathing apparatus and full chemical protective suit. Do not allow firefighting water to contaminate sewers.

Section 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Wear full chemical-resistant personal protective equipment (see Section 8). Avoid skin and eye contact.

6.2 Environmental Precautions

Prevent spillage from entering drains, surface water, or groundwater. Inform authorities if product enters waters.

6.3 Methods and Material for Containment and Cleaning Up

Absorb with liquid-binding material. Neutralize carefully with diluted weak acid (e.g. diluted acetic acid). Clean area with plenty of water.

6.4 Reference to Other Sections

Personal protection: Section 8. Disposal: Section 13.

Section 7: Handling and Storage

7.1 Precautions for Safe Handling

Avoid aerosol or mist formation. Use only in well-ventilated areas. Avoid any contact with eyes and skin.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Keep tightly closed in original container in a cool, dry, and well-ventilated place. Keep away from acids and light metals. Protect from frost.

7.3 Specific End Use(s)

Alkaline wheel cleaner for vehicles.

Section 8: Exposure Controls / Personal Protection

8.1 Control Parameters

Substance Name	CAS No	Standard	Value / Type
Sodium Hydroxide	1310-73-2	OSHA PEL / NIOSH	2 mg/m ³ (Ceiling limit)

8.2 Exposure Controls

Eye/Face Protection: Tightly fitting safety goggles or full face shield according to EN 166.

Hand Protection: Chemical-resistant gloves (nitrile or butyl rubber, thickness ≥ 0.4 mm, breakthrough time > 480 min) according to EN ISO 374.

Body Protection: Alkali-resistant protective apron and boots.

Respiratory Protection: Use A2-P2 combination filter if aerosol or spray mist is formed.

Safety Data Sheet

Wheel Cleaner (Alkaline)

Section 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical State:	Liquid	Color:	Clear / Slightly yellowish
Odor:	Mild characteristic / alkaline	pH Value (Concentrate, 20°C):	12.5 – 13.0 (Strongly alkaline)
Melting / Freezing Point:	Not determined (~0°C)	Boiling Point / Boiling Range:	~100°C
Flash Point:	Not applicable (Aqueous)	Evaporation Rate:	Not determined
Flammability:	Non-flammable	Explosion Limits:	No explosion hazard
Vapor Pressure:	Not determined	Vapor Density:	Not determined
Relative Density (20°C):	1.020 ± 0.01 g/cm³	Solubility in Water:	Completely miscible
Partition Coefficient (n-octanol/water):	Not applicable (Mixture)	Auto-ignition Temperature:	Not self-igniting
Decomposition Temperature:	No decomposition	Viscosity (20°C):	Water-like low viscosity

9.2 Other Information

Corrosive to aluminum, brass, and zinc alloys.

Section 10: Stability and Reactivity

10.1 Reactivity

Strongly alkaline. Exothermic reaction with acids. Corrodes reactive metals forming hydrogen gas.

10.2 Chemical Stability

Stable under normal storage conditions.

10.3 Possibility of Hazardous Reactions

Violent reactions with strong acids. Contact with metals may produce flammable hydrogen gas.

10.4 Conditions to Avoid

Protect from freezing and extreme heat.

10.5 Incompatible Materials

Strong acids, aluminum, zinc, brass, light metals.

10.6 Hazardous Decomposition Products

None under normal storage. In case of fire: see Section 5.

Section 11: Toxicological Information

11.1 Information on Hazard Classes as Defined in Regulation (EC) No 1272/2008

Acute Toxicity: Classification criteria are not met (ATE oral > 2000 mg/kg).

Skin Corrosion / Irritation: Causes severe skin burns (Skin Corr. 1).

Serious Eye Damage / Irritation: Causes serious eye damage (Eye Dam. 1).

Sensitization: No sensitizing effect known.

CMR Effects: No known carcinogenic, mutagenic, or reproductive effects.

STOT: No specific organ toxicity known.

11.2 Information on Other Hazards

Contains no substances identified as having endocrine disrupting properties.

Safety Data Sheet

Wheel Cleaner (Alkaline)

Section 12: Ecological Information

12.1 Toxicity

Ecological effects mainly caused by pH shift. High pH values (> 9) are toxic to aquatic organisms.

12.2 Persistence and Degradability

Surfactants comply with the biodegradability criteria laid down in Regulation (EC) No. 648/2004.

12.3 Bioaccumulative Potential

Bioaccumulation is not expected.

12.4 Mobility in Soil

High mobility due to water solubility.

12.5 Results of PBT and vPvB Assessment

Contains no PBT or vPvB substances.

12.6 Endocrine Disrupting Properties

Contains no substances identified as having endocrine disrupting properties on the environment.

Section 13: Disposal Considerations

13.1 Waste Treatment Methods

Product Residues: Must be disposed of as hazardous waste. Do not allow to enter sewers unneutralized. EWC code: 20 01 29* (Detergents containing hazardous substances).

Packaging: Contaminated packaging must be disposed of as hazardous waste. EWC: 15 01 10*.

Section 14: Transport Information

Parameter	Road Transport (ADR/RID)	Sea Transport (IMDG)	Air Transport (ICAO/IATA)
14.1 UN Number	UN 1719	UN 1719	UN 1719
14.2 Proper Shipping Name	CAUSTIC ALKALI LIQUID, N.O.S. (contains Sodium hydroxide)	CAUSTIC ALKALI LIQUID, N.O.S. (contains Sodium hydroxide)	CAUSTIC ALKALI LIQUID, N.O.S. (contains Sodium hydroxide)
14.3 Transport Hazard Class(es)	8 (Corrosive Substances)	8	8
14.4 Packing Group	III (Minor Danger)	III	III
14.5 Environmental Hazards	No	Marine Pollutant: No	No

14.6 Special Precautions for User

Limited Quantity (LQ): Maximum 5 Litres per inner packaging (Applicable for 500 ml bottles).

14.7 Maritime Bulk Transport

Not applicable.

Safety Data Sheet

Wheel Cleaner (Alkaline)

Section 15: Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

EU Regulations:

- Regulation (EC) No. 1907/2006 (REACH) as amended by Regulation (EU) 2020/878.
- Regulation (EC) No. 1272/2008 (CLP).
- Detergents Regulation (EC) No. 648/2004: < 5% non-ionic surfactants, < 5% anionic surfactants, < 5% phosphonates, < 5% EDTA.

US & International Regulations:

- USA: OSHA Hazard Communication Standard (HCS) 29 CFR 1910.1200.
- TR: KKDİK Regulation No. 30105.

15.2 Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out for this mixture.

Section 16: Other Information

16.1 Indication of Changes

Aligned with Regulation (EU) 2020/878. Date of Revision: 17 September 2026.

16.2 Abbreviations and Acronyms

ADR: Dangerous Goods by Road | CAS: Chemical Abstracts Service | CLP: Classification, Labelling and Packaging | REACH: Registration, Evaluation, Authorisation of Chemicals.

16.3 Full Text of H-Statements (Sections 2 and 3)

H290: May be corrosive to metals.
H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H318: Causes serious eye damage.
H332: Harmful if inhaled.
H373: May cause damage to organs through prolonged or repeated exposure.

16.4 Training Advice

Personnel handling corrosive chemicals must be trained regularly on chemical risks and emergency response.