

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

Date of creation: 7 May 2026

Version: 1



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CMO Kombiofen-Reinigertabs

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

1.1. Product identifier

Trade name/designation:

CMO Kombiofen-Reinigertabs

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

Use of the substance/mixture:

Washing and cleaning products

1.3. Details of the supplier of the safety data sheet

Supplier:

Culinary Machines Overseas GmbH

Daimlerstraße 21

61449 Steinbach (Taunus)

Telephone: +496171699653

E-mail: info@cmo-gmbh.com

Website: www.cmo-gmbh.com

1.4. Emergency telephone number

No data available

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Corrosive to metals (<i>Met. Corr. 1</i>)	H290: May be corrosive to metals.	Calculation method.
Skin corrosion/irritation (<i>Skin Corr. 1A</i>)	H314: Causes severe skin burns and eye damage.	Calculation method.
Serious eye damage/eye irritation (<i>Eye Dam. 1</i>)	H318: Causes serious eye damage.	Calculation method.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms:



GHS05

Corrosion

Signal word: Danger

Hazard components for labelling:

sodium hydroxide

Hazard statements for physical hazards	
H290	May be corrosive to metals.
Hazard statements for health hazards	
H314	Causes severe skin burns and eye damage.

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Supplemental hazard information: none

Precautionary statements Prevention

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

Precautionary statements Response

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.

P310 Immediately call a POISON CENTER or doctor/physician.

P390 Absorb spillage to prevent material damage.

2.3. Other hazards

No data available

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

Product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 1310-73-2 EC No.: 215-185-5 Index No.: 011-002-00-6 REACH No.: 01-2119457892-27-0035	sodium hydroxide Skin Corr. 1A (H314) ⚠ Danger Specific concentration limit (SCL) Skin Corr. 1A; H314: $C \geq 5\%$ Skin Corr. 1B; H314: $2\% \leq C < 5\%$ Skin Irrit. 2; H315: $0.5\% \leq C < 2\%$ Eye Dam. 1; H318: $C \geq 2\%$ Eye Irrit. 2; H319: $0.5\% \leq C < 2\%$	$\geq 80 - < 90$ weight-%
CAS No.: 497-19-8 EC No.: 207-838-8 Index No.: 011-005-00-2	sodium carbonate Eye Irrit. 2 (H319) ⚠ Warning Acute Toxicity Estimate ATE (oral) = 2,800 mg/kg ATE (dermal) > 2,000 mg/kg	$\geq 10 - < 15$ weight-%

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible). Remove victim out of the danger area. Remove contaminated, saturated clothing. If unconscious but breathing normally, place in recovery position and seek medical advice. Do not leave affected person unattended. Warning First aider: Pay attention to self-protection!

Following inhalation:

Provide fresh air. In case of respiratory tract irritation, consult a physician.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Take off immediately all contaminated clothing. Get immediate medical advice/attention.

After eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Following ingestion:

Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention.

Self-protection of the first aider:

Use personal protection equipment.

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

Skin corrosion/irritation Serious eye damage/eye irritation

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings.

Dry extinguishing powder

Foam

Water spray jet

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

Hazardous combustion products:

Thermal decomposition can lead to the escape of irritating gases and vapours.

5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

5.4. Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water-----.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Remove persons to safety. Ventilate affected area. Do not breathe dust.

Protective equipment:

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

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Collect spillage.

For cleaning up:

Take up mechanically, placing in appropriate containers for disposal.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

6.5. Additional information

Use appropriate container to avoid environmental contamination.

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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

Wear personal protection equipment (refer to section 8).

Measures to prevent aerosol and dust generation:

Dust should be exhausted directly at the point of origin.

Advices on general occupational hygiene

When using do not eat, drink, smoke, sniff. Avoid contact with skin, eyes and clothes.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place. Keep/Store only in original container.

Storage class (TRGS 510, Germany): 8B - Non-combustible corrosive substances

7.3. Specific end use(s)

No data available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

No data available

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
sodium hydroxide CAS No.: 1310-73-2 EC No.: 215-185-5	1 mg/m ³	① DNEL worker ② Long-term - inhalation, local effects

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Local and general ventilation

8.2.2. Personal protection equipment



Eye/face protection:

Eye glasses with side protection EN 166

Skin protection:

Tested protective gloves must be worn EN ISO 374 Suitable material: >0,2mm Breakthrough time: 480 min In the case of wanting to use the gloves again, clean them before taking off and air them well.

Respiratory protection:

In case of inadequate ventilation wear respiratory protection. Particle filter device (EN 143)

8.2.3. Environmental exposure controls

No data available

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: solid

Form: solid

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Colour: white

Odour: practically odourless

flammability: No

Safety relevant basis data

Parameter	Value	at °C	① Method ② Remark
pH	≥ 12	20 °C	
Melting point	No data available		
Freezing point	No data available		
Initial boiling point and boiling range	> 150 °C		
Flash point	not applicable		
Evaporation rate	No data available		
Auto-ignition temperature	not applicable		
Vapour pressure	No data available		
Density	1.5 g/cm ³	20 °C	
Bulk density	No data available		
Water solubility	No data available		

particle characteristics:

No data available

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

May be corrosive to metals. The product itself does not burn.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

metals

10.6. Hazardous decomposition products

Thermal decomposition can lead to the escape of irritating gases and vapours.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

sodium carbonate CAS No.: 497-19-8 EC No.: 207-838-8

LD₅₀ oral: =2,800 mg/kg

LD₅₀ dermal: >2,000 mg/kg

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation toxicity:

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

Skin corrosion/irritation:

Causes severe skin burns and eye damage.

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Serious eye damage/irritation:

Causes serious eye damage.

Respiratory or skin sensitisation:

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

Germ cell mutagenicity:

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

Carcinogenicity:

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

Reproductive toxicity:

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

STOT-single exposure:

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

STOT-repeated exposure:

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

Aspiration hazard:

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

Additional information:

No data available

11.2. Information on other hazards

Endocrine disrupting properties:

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

SECTION 12: Ecological information

12.1. Toxicity

sodium hydroxide CAS No.: 1310-73-2 EC No.: 215-185-5
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LC₅₀ : >133 - <189 mg/L 2 d (fish-----, Leuciscus idus (golden orfe))

EC₅₀ : >100 mg/L 2 d (crustaceans, Daphnia magna (Big water flea))
--

sodium carbonate CAS No.: 497-19-8 EC No.: 207-838-8

LC₅₀ : =300 mg/L 4 d (fish-----)
--

EC₅₀ : >200 - <227 mg/L 2 d (crustaceans)

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

sodium hydroxide CAS No.: 1310-73-2 EC No.: 215-185-5
--

Log K_{ow} : -3.88

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

sodium carbonate CAS No.: 497-19-8 EC No.: 207-838-8

Results of PBT and vPvB assessment: —
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12.6. Endocrine disrupting properties

This substance does not have endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

No data available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

20 01 29 *	Detergents containing hazardous substances
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*: Evidence for disposal must be provided.

Waste code packaging

15 01 10 *	packaging containing residues of or contaminated by dangerous substances
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*: Evidence for disposal must be provided.

Waste treatment options

Appropriate disposal / Product:

Consult the appropriate local waste disposal expert about waste disposal.

SECTION 14: Transport information

Land transport (ADR/RID)	Inland waterway craft- (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN number or ID number			
UN 1823	UN 1823	UN 1823	UN 1823
14.2. UN proper shipping name			
SODIUM HYDROXIDE, SOLID	SODIUM HYDROXIDE, SOLID	SODIUM HYDROXIDE, SOLID	SODIUM HYDROXIDE, SOLID
14.3. Transport hazard class(es)			
 8	 8	 8	 8
14.4. Packing group			
II	II	II	II
14.5. Environmental hazards			
No	No	No	No
14.6. Special precautions for user			
Limited quantity (LQ): 1 kg Excepted Quantities (EQ): E2 Hazard identification number (Kemler No.): 80 Classification code-----: C6 Tunnel restriction code-----: (E)	Limited quantity (LQ): 1 kg Excepted Quantities (EQ): E2 Classification code-----: C6	Limited quantity (LQ): 1 kg Excepted Quantities (EQ): E2 EmS-No.: F-A , S-B	No data available

14.7. Maritime transport in bulk according to IMO instruments

not applicable

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SECTION 15: Regulatory information

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

15.1.1. EU legislation

Other regulations (EU):

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]: This product is not assigned to a hazard category.

Volatile organic compounds (VOC) content in percent by weight: 0%

Regulation (EC) No. 648/2004 [Detergents regulation]:

<5% aliphatic hydrocarbons

non-ionic surfactants

15.1.2. National regulations

[DE] National regulations

Störfallverordnung (12. BImSchV)

for substances contained in the product:

This product is not assigned to a hazard category.

Water hazard class

WGK:

1 - slightly hazardous to water

15.2. Chemical Safety Assessment

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

SECTION 16: Other information

16.1. Indication of changes

No data available

16.2. Abbreviations and acronyms

ACGIH	American Conference of Governmental Industrial Hygienists
ATE	Acute Toxicity Estimate
AVV	Waste Shipment Ordinance (DE)
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
DIN	German Institute for Standardization / German Industrial Standard
DNEL	derived no-effect level
EAK	European Waste Catalogue
EC ₅₀	Effective Concentration 50%
EG	European Community
EN	European Standard
ES	Exposure scenario
EU	European Union
EWC	European Waste Catalogue
IMO	International Maritime Organization
ISO	International Standards Organisation
LC ₅₀	Lethal (fatal) Concentration 50%
LD ₅₀	Lethal (fatal) Dose 50%
MAK	Maximum concentration in the workplace air (CH)
NFPA	National Fire Protection Association
NIOSH	National Institute for Occupational Safety & Health
OSHA	Occupational Safety & Health Administration
PBT	persistent and bioaccumulative and toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation and Authorization of Chemicals
SCL	Specific concentration limit
Tox.	Toxicity
UFI	Unique Formula Identifier

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UN United Nations

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
Corrosive to metals (<i>Met. Corr. 1</i>)	H290: May be corrosive to metals.	Calculation method.
Skin corrosion/irritation (<i>Skin Corr. 1A</i>)	H314: Causes severe skin burns and eye damage.	Calculation method.
Serious eye damage/eye irritation (<i>Eye Dam. 1</i>)	H318: Causes serious eye damage.	Calculation method.

16.5. List of relevant hazard statements and/or precautionary statements from sections 2 to 15

Hazard statements	
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.

16.6. Training advice

No data available

16.7. Additional information

The information provided in this safety data sheet is correct to the best of our knowledge at the time of printing. The information is intended to provide guidance on the safe handling of the product specified in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. Insofar as the product is mixed, blended or processed with other materials or subjected to treatment, the information in this safety data sheet cannot be transferred to the new material thus produced, unless expressly stated otherwise.