

Safety Data Sheet
according to Regulation (EC) No. 1907/2006 (REACH)
according to Regulation (EU) 2020/878

A000353
Version 1.0

MAMITO Basisreiniger Hochleistungsreiniger für Fritteusen
Revision date 7 Oct 2025

Print date 7 Oct 2025

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

1.1 Product identifier

Trade name/designation

Article-No.:A000353 MAMITO Basisreiniger Hochleistungsreiniger für Fritteusen
UFI: 89F7-E5A0-W511-KQ3A

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

Relevant identified uses

Cleaning agent

1.3 Details of the supplier of the safety data sheet

Supplier

Mamito GmbH
Hunsrückstr. 49 Telephone: +49 6852 42699 0
66625 Nohfelden Telefax: +49 6852 42699 29
Germany E-mail: info@mamito.de
E-mail (competent person): info@mamito.de

1.4 Emergency telephone number

Department responsible for **Mamito GmbH**
information:
24 hr. emergency phone number: +49 201 2788210
At office hours: +49 6852 42699 0 (Monday - Thursday: 7:30 to 16:30, Friday 7:30 to 14:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].
Met. Corr. 1; Corrosive to metals; H290 May be corrosive to metals.
Skin Corr. 1; Skin corrosion/irritation; H314 Causes severe skin burns and eye damage.
Eye Dam. 1; Serious eye damage/eye irritation; H318 Causes serious eye damage.

2.2 Label elements

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

Hazard pictograms



GHS05

Signal word

Danger

Hazard statements

H290 May be corrosive to metals.
H314 Causes severe skin burns and eye damage.

Precautionary statements

P260 Do not breathe vapours.
P280 Wear protective gloves/protective clothing and eye/face protection.
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.

Hazard components for labelling

sodium hydroxide

Supplemental hazard information

not applicable

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2.3 Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

SECTION 3: Composition/information on ingredients.

3.2 Mixtures

Description

Mixture of hereinafter listed substances and non-hazardous materials.

Hazardous ingredients

CAS No. EC No. Index No.	Substance name REACH No. Classification according to Regulation (EC) No 1272/2008 [CLP]	weight-%
1310-73-2 215-185-5 011-002-00-6	sodium hydroxide 01-2119457892-27-XXXX Met. Corr. 1 H290 / Skin Corr. 1A H314	30,0 < 50,0
1310-58-3 215-181-3 019-002-00-8	potassium hydroxide 01-2119487136-33-XXXX Met. Corr. 1 H290 / Acute Tox. 4 H302 / Skin Corr. 1A H314 ATE (oral): 333 mg/kg	3,0 < 5,0

Remark

Full text of H- and EUH-statements: see section 16. Full text of H-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). In all cases of doubt, or when symptoms persist, seek medical advice. Remove victim out of the danger area. Remove contaminated, saturated clothing. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice. Do not leave affected person unattended. First aider: Pay attention to self-protection!

Following inhalation

Remove casualty to fresh air and keep warm and at rest. In case of respiratory tract irritation, consult a physician. In case of irregular breathing or respiratory arrest provide artificial respiration.

Following skin contact

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. Get medical advice/attention.

After eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

Following ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water. Let 1 glass of water be drunken in little sips (dilution effect). Seek medical advice immediately. Keep victim calm. In case of unconsciousness give nothing by mouth, place in recovery position and seek medical advice.

Self-protection of the first aider

First aider: Pay attention to self-protection!

4.2 Most important symptoms and effects, both acute and delayed

Symptoms

Skin corrosion/irritation; Serious eye damage/eye irritation

4.3 Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

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

Unsuitable extinguishing media

Strong water jet

5.2 Special hazards arising from the substance or mixture

The product itself does not burn.

Hazardous combustion products

Gases/vapours, toxic

Gases/vapours, irritant

5.3 Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Cool closed containers that are near the source of the fire. 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

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

6.2 Environmental precautions

Do not allow to enter into surface water or drains. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

6.3 Methods and material for containment and cleaning up

For containment

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. If the product contaminates lakes, rivers or sewages, inform competent authorities in accordance with local regulations.

For cleaning up

Use water.

6.4 Reference to other sections

Safe handling: see section 7

Personal protection equipment: refer to section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling

Avoid contact with skin, eyes and clothes. Wear personal protection equipment (refer to section 8). Provide adequate ventilation as well as local exhaust at critical locations. Avoid formation of aerosols. Follow the legal protection and safety regulations.

Measures to prevent aerosol and dust generation

Do not spray the product. If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

Environmental measures

Avoid release to the environment.

Advices on general occupational hygiene

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

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Protect the cans from contamination (use original cover!). Provide for retaining containers, e.g. floor pan without outflow. Keep container tightly closed in a cool, well-ventilated place. Keep away from heat sources, store in a cool and shaded area. Never pour product residue back into the container.

Packaging materials:

Suitable material: PE (polyethylene), PP (Polypropylene), PVC (polyvinyl chloride).

Requirements for storage rooms and vessels

Keep only in the original container. Keep container tightly closed. Store product in a well ventilated, appropriate storage room suited for chemicals.

Hints on joint storage

Keep away from: Acids, spontaneous heating upon contact possible.

Storage class

LGK8B - Non-combustible corrosive substances

Further information on storage conditions

Keep container tightly closed. Keep away from food, drink and animal feed. Smoking is forbidden.

7.3 Specific end use(s)

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

No data available

Biological limit values

No data available

DNEL worker

CAS No.	Substance name	DNEL type	DNEL value
1310-58-3	potassium hydroxide	Long-term – inhalation, local effects	1 mg/m ³
1310-73-2	sodium hydroxide	Long-term – inhalation, local effects	1 mg/m ³

DNEL Consumer

CAS No.	Substance name	DNEL type	DNEL value
1310-58-3	potassium hydroxide	Long-term – inhalation, local effects	1 mg/m ³
1310-73-2	sodium hydroxide	Long-term – inhalation, local effects	1 mg/m ³

8.2 Exposure controls

Provide good ventilation. This can be achieved with local or room suction.

Personal protection equipment

Respiratory protection

Suitable respiratory protection apparatus: Combination filtering device ABEK-P2

Hand protection

Suitable material: Butyl caoutchouc (butyl rubber)

Thickness of the glove material >= 0,5 mm

Breakthrough time >= 480 min

Suitable material: CR (polychloroprene, chloroprene rubber)

Thickness of the glove material >= 0,5 mm

Breakthrough time >= 480 min

Suitable material: FKM (fluoro rubber)

Thickness of the glove material >= 0,4 mm

Breakthrough time >= 480 min

Suitable material: NBR (Nitrile rubber)

Thickness of the glove material >= 0,4 mm

Breakthrough time >= 480 min

Suitable material: NR (natural rubber, Natural latex)

Thickness of the glove material >= 0,5 mm

Breakthrough time >= 480 min

Suitable material: PVC (polyvinyl chloride)

Thickness of the glove material >= 0,5 mm

Breakthrough time >= 480 min

For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves. In the case of wanting to use the gloves again, clean them before taking off and air them well.

Recommended glove articles: EN ISO 374

Skin protection

Draw up and observe skin protection programme.

Eye/face protection

Eye glasses with side protection: EN 166

Body protection

When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

Environmental exposure controls

Avoid release to the environment. Do not allow to enter into surface water or drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	cloudy
Odour	characteristic
pH (100%)	14
Melting point/freezing point	not determined
Initial boiling point and boiling range	not determined
Flash point	not determined
flammability	not applicable
Lower explosion limit at 20°C	not determined
Upper explosion limit at 20°C	not determined
Relative vapour density	not applicable
Density at 20 °C	1.440 g/cm ³
Water solubility at 20°C	not determined
Partition coefficient: n-octanol/water	see section 12
Ignition temperature in °C	not determined
Decomposition temperature	not determined
Viscosity at 40 °C:	watery
particle characteristics	
particle characteristics	not applicable

9.2 Other information

not applicable
not applicable

SECTION 10: Stability and reactivity

10.1 Reactivity

No hazardous reaction when handled and stored according to provisions. May be corrosive to metals.

10.2 Chemical stability

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7.

10.3 Possibility of hazardous reactions

Keep away from: Acids, spontaneous heating upon contact possible.

10.4 Conditions to avoid

Stable when applying the recommended regulations for storage and handling. Further information on correct storage: refer to section 7. Hazardous decomposition byproducts may form with exposure to high temperatures.

10.5 Incompatible materials

Acids; Concentrate is corrosive towards metals.

10.6 Hazardous decomposition products

Hazardous decomposition byproducts may form with exposure to high temperatures e.g.: Gases/vapours, toxic, Gases/vapours, irritant

SECTION 11: Toxicological information

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

Acute toxicity

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

potassium hydroxide

LD50: oral (Rat): 333 mg/kg

Skin corrosion/irritation

Causes severe skin burns and eye damage.

Serious eye damage/eye irritation

Causes serious eye damage.

Respiratory or skin sensitisation

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

Overall assessment on CMR properties

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.

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

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

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Endocrine disrupting properties

No information available.

12.7 Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product/Packaging disposal

Do not empty into drains; dispose of this material and its container in a safe way. Dispose of waste according to applicable legislation.

Waste codes/waste designations according to EWC/AVV

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

Other disposal recommendations

Dispose of waste according to applicable legislation. Completely emptied packages can be recycled. Consult the appropriate local waste disposal expert about waste disposal.

SECTION 14: Transport information

14.1 UN number or ID number

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UN 1719

14.2 UN proper shipping name

Land transport (ADR/RID)

Caustic alkali liquid, n.o.s. (sodium hydroxide, potassium hydroxide)

Sea transport (IMDG)

Caustic alkali liquid, n.o.s. (contains sodium hydroxide, potassium hydroxide)

Air transport (ICAO-TI / IATA-DGR)

Caustic alkali liquid, n.o.s. (contains sodium hydroxide, potassium hydroxide)

14.3 Transport hazard class(es)

Land transport (ADR/RID) 8

Sea transport (IMDG) 8

Air transport (ICAO-TI / IATA-DGR) 8

14.4 Packing group

Land transport (ADR/RID) II

Sea transport (IMDG) II

Air transport (ICAO-TI / IATA-DGR) II

14.5 Environmental hazards

Land transport (ADR/RID) not applicable

Sea transport (IMDG) not applicable

14.6 Special precautions for user

Transport always in closed, upright and safe containers. Make sure that persons transporting the product know what to do in case of an accident or leakage.

Advices on safe handling: see parts 6 - 8

14.7 Maritime transport in bulk according to IMO instruments

No transport as bulk according to IBC Code.

14.8 Additional information

Land transport (ADR/RID)

Tunnel restriction code: E

Special Provisions: SV 274

Limited quantity (LQ): 1 L

Hazard identification number (Kemler No.): 80

Classification code: C5

Sea transport (IMDG)

Segregation group: IMDG-Code segregation group 18 - Alkalies

EmS-No.: F-A, S-B

Limited quantity (LQ): 1 L

Air transport (ICAO-TI / IATA-DGR)

not applicable

SECTION 15: Regulatory information

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

EU legislation

Restrictions of occupation

Observe employment restrictions under the Maternity Protection Directive 92/85/EEC or stricter national regulations, if applicable.
Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC) or stricter national regulations, if applicable.

Directive 2010/75/EU on industrial emissions [Industrial Emissions Directive]

VOC value: 0 g/l

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances [Seveso-III-Directive]

Hazard categories / Named dangerous substances

This product is not classified according to Directive 2012/18/EU.

National regulations

Observe in addition any national regulations!

Water hazard class

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slightly hazardous to water (WGK 1)
Self-classification (mixture; calculation rule).

Technische Regeln für Gefahrstoffe

TRGS 510

15.2 Chemical Safety Assessment

For the following substances of this mixture a chemical safety assessment has been carried out:

REACH No.	Substance name	CAS No. EC No.
01-2119487136-33-XXXX	potassium hydroxide	1310-58-3 215-181-3
01-2119457892-27-XXXX	sodium hydroxide	1310-73-2 215-185-5

SECTION 16: Other information

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

H290 May be corrosive to metals.
H302 Harmful if swallowed.
H314 Causes severe skin burns and eye damage.

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

Met. Corr. 1 On basis of test data.
Skin Corr. 1 Calculation method.
Eye Dam. 1 Calculation method.

Training advice

Appropriate training prior to using this product is necessary as well as an annual training for the general handling of hazardous materials, targeting specific workplace issues.

Key literature references and sources for data

For the preparation of this safety data sheet, the safety data sheets provided by the respective ingredient suppliers, information from the ECHA database on registered substances and information from the GESTIS substance database (<http://gestis.itrust.de>) of the DGUV were used.

Abbreviations and acronyms

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
OEL: Occupational Exposure Limit Value
BLV: Biological limit values
CAS: Chemical Abstracts Service
CLP: Classification, Labelling and Packaging
CMR: Carcinogenic, Mutagenic and Reprotoxic
DIN: German Institute for Standardization / German industrial standard
DNEL: Derived No-Effect Level
EAKV: European Waste Catalogue Directive
EC: Effective Concentration
EC: European Community
EN: European Standard
IATA-DGR: International Air Transport Association – Dangerous Goods Regulations
IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
ICAO-TI: International Civil Aviation Organization Technical Instructions for the Safe Transport of Dangerous Goods by Air
IMDG Code: International Maritime Code for Dangerous Goods
ISO: International Organization for Standardization
LC: Lethal Concentration
LD: Lethal Dose
:
MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OECD: Organisation for Economic Cooperation and Development
PBT: persistent, bioaccumulative, toxic
PNEC: Predicted No Effect Concentration
RID: Regulations concerning the International Carriage of Dangerous Goods by Rail
UN: United Nations
VOC: Volatile Organic Compounds
vPvB: very persistent and very bioaccumulative

Indication of changes

* Data changed compared with the previous version.