

**Safety Data Sheet**

according to UK REACH Regulation

Eloxalreiniger FA

Revision date: 21.03.2024

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**Aluminium working industry, anodizing industry
for professional use only**1.3. Details of the supplier of the safety data sheet**

Company name:	Metall- und Oberflächenchemie Sperzel GmbH	
Street:	Freisenbergstr. 18	
Place:	D-58513 Lüdenscheid	
Telephone:	+49 (0)2351/9599-0	Telefax: +49 (0)2351/9599-99
E-mail:	info@metachem.de	
Contact person:	Occupational Health and Safety	Telephone: +49 (0)2351/9599-0
E-mail:	sperzel@metachem.de	
Internet:	www.metachem.de	
Responsible Department:	Arbeitssicherheit / Department of Occupational Health and Safety	

1.4. Emergency telephone

112

number:

additional information in german and english: +49 (0)2351/9599-0 during the day

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****GB CLP Regulation**Asp. Tox. 1; H304
Muta. 1B; H340
Carc. 1B; H350
STOT RE 1; H372

Full text of hazard statements: see SECTION 16.

2.2. Label elements**GB CLP Regulation****Hazard components for labelling**

naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha

Signal word: Danger**Pictograms:****Hazard statements**

H304	May be fatal if swallowed and enters airways.
H340	May cause genetic defects.
H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

P201	Obtain special instructions before use.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P280	Wear protective gloves/protective clothing/eye protection/face protection/hearing

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P301+P310 protection.
IF SWALLOWED: Immediately call a POISON CENTER/doctor.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P331 Do NOT induce vomiting.

Special labelling of certain mixtures

EUH066 Repeated exposure may cause skin dryness or cracking.
Restricted to professional users.

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Aqueous solution

Relevant ingredients

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification (GB CLP Regulation)			
64742-82-1	naphtha (petroleum), hydrodesulphurized heavy; Low boiling point hydrogen treated naphtha			10-25%
	265-185-4	649-330-00-2	01-2119486659-16	
	Flam. Liq. 3, Carc. 1B, Muta. 1B, STOT RE 1, Asp. Tox. 1; H226 H350 H340 H372 H304			

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Remove contaminated, saturated clothing immediately.

After inhalation

Provide fresh air.

After contact with skin

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

After contact with eyes

If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting. Call a physician immediately.

Caution if victim vomits: Risk of aspiration!

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

No information available

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

No information available

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

Suitable extinguishing media: Water. Extinguishing powder. Foam.



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

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

In case of fire may be liberated:

Nitrogen oxides (NO_x). Carbon dioxide (CO₂). Carbon monoxide hydrocarbons. Pyrolysis products, toxic.

5.3. Advice for firefighters

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

Additional information

In case of fire and/or explosion do not breathe fumes.

Contaminated fire-fighting water must be collected separately.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

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

Remove all sources of ignition. Ventilate affected area.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Retain contaminated washing water and dispose it.

6.4. Reference to other sections

Information on waste treatment see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Avoid contact with skin and eyes.

Advice on protection against fire and explosion

Take precautionary measures against static discharges.

Advice on general occupational hygiene

Do not eat, drink, smoke or sneeze at the workplace.

Take off immediately all contaminated clothing.

Wash hands before breaks and after work.

Further information on handling

Wear personal protection equipment.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a cool, well-ventilated place.

Keep away from sources of ignition - No smoking.

Hints on joint storage

Materials to avoid: Oxidizing agents.

Further information on storage conditions

Store in a place accessible by authorized persons only.

7.3. Specific end use(s)



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see section 1.2

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

dust: Inhalable dust 10 mg/m³ // Respirable dust 4 mg/m³

8.2. Exposure controls

Appropriate engineering controls

Components with workplace or biological limit values to be monitored: see section 8.1

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Individual protection measures, such as personal protective equipment

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Before starting work, apply solvent-resistant skincare preparations.

Tested protective gloves are to be worn: liquid-tight.; lösemitteldicht : NBR (Nitrile rubber). FKM (fluororubber).

The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. 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.

Skin protection

work protective clothing

Respiratory protection

Respiratory protection necessary at: Breathing apparatus necessary in case of formation of fumes and/or aerosols

Environmental exposure controls

The product must not be given in the sewer and water without pre-treatment

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	white
Odour:	characteristic
Melting point/freezing point:	not applicable
Boiling point or initial boiling point and boiling range:	not determined
Lower explosion limits:	not determined
Upper explosion limits:	not determined
Flash point:	>65 °C
pH-Value:	8,5
Viscosity / kinematic:	<7 mm ² /s
Water solubility: (at 50 °C)	teilweise mischbar
Vapour pressure:	not determined
Vapour pressure:	not determined

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Density: 1,0 g/cm³
Bulk density: not applicable

9.2. Other information**Information with regard to physical hazard classes**

Explosive properties
none

Other safety characteristics

Viscosity / dynamic: not determined

Further Information

none

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

Dangerous reactions are not expected handling the product according to its intended use

10.2. Chemical stability

This product is chemically stable under ambient conditions/ temperature

10.3. Possibility of hazardous reactions

Dangerous reactions are not expected handling the product according to its intended use

10.4. Conditions to avoid

In application range no particular requirements

10.5. Incompatible materials

In application range no particular requirements

10.6. Hazardous decomposition products

Sulfur oxides.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

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

ATEmix tested

	Dose	Species	Source
LD50, oral	>5000 mg/kg	rat	

ATEmix calculated

ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity

Causes serious eye irritation.

After skin contact: Repeated exposure may cause skin dryness or cracking.

Sensitising effects

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

Repeated exposure may cause skin dryness or cracking.



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Aspiration hazard

May be fatal if swallowed and enters airways.

Specific effects in experiment on an animal

No information available

Practical experience

none

11.2. Information on other hazards**Further information**

Precautions usual with chemicals should however be respected

SECTION 12: Ecological information

12.1. Toxicity

Quantitative data on the ecological effect of the product (mixture) are not available.

12.2. Persistence and degradability

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.
PBT/vPvB assessment not available as chemical safety assessments for ingredients not required/ not conducted

12.6. Endocrine disrupting properties

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

12.7. Other adverse effects

No information available

Further information

The product must not be given in the sewer and water without pre-treatment

SECTION 13: Disposal considerations

13.1. Waste treatment methods**Disposal recommendations**

Collect the waste separately.

Dispose of waste according to applicable legislation. Hand over to officially registered waste disposal company.

Contaminated packaging

Dispose of waste according to applicable legislation. Hand over to officially registered waste disposal company.

SECTION 14: Transport information

Land transport (ADR/RID)**Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)**Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

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Air transport (ICAO-TI/IATA-DGR)**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

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

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 28, Entry 29, Entry 40, Entry 75

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

none

National regulatory information

Employment restrictions:

Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers.

Water hazard class (D):

2 - obviously hazardous to water

Additional information

none

15.2. Chemical safety assessment

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

SECTION 16: Other information**Abbreviations and acronyms**

Flam. Liq: Flammable liquids

Asp. Tox: Aspiration hazard

Muta: Germ cell mutagenicity

Carc: Carcinogenicity

STOT RE: Specific target organ toxicity - repeated exposure

Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Asp. Tox. 1; H304	Calculation method
Muta. 1B; H340	Calculation method
Carc. 1B; H350	Calculation method
STOT RE 1; H372	Calculation method

Relevant H and EUH statements (number and full text)

H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H340	May cause genetic defects.
H350	May cause cancer.
H372	Causes damage to organs through prolonged or repeated exposure.
EUH066	Repeated exposure may cause skin dryness or cracking.

Further Information

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



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