

EU safety data sheet

Trade name: SAUBERE SACHE ZEMENTSCHLEIERENTFERNER

Product no.: SSZ

Current version : 2.0.0, issued: 19.02.2025

Replaced version: 1.0.0, issued: 14.12.2023

Region: GER

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

1.1 Product identifier

Trade name

SAUBERE SACHE ZEMENTSCHLEIERENTFERNER

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

Relevant identified uses of the substance or mixture

Chemical product for building, modernising and repairing.

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

LUGATO GmbH & Co. KG

Großer Kamp 1

D-22885 Barsbüttel

Telephone no. +49 (0)40 694 07-0

Fax no. +49 (0)40 694 07-109 + 110

Advice on Safety Data Sheet

sicherheit@lugato.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Eye Dam. 1; H318

Skin Corr. 1; H314

Classification information

Product is classified as "Corrosive" based on the extreme pH-value, see:

- Regulation 1272/2008 (CLP), Annex. I, number 3.2.2.2 / 3.2.3.1.2

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

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

Hazard pictograms



GHS05

Signal word

Danger

Hazardous component(s) to be indicated on label:

sulphamidic acid

Hazard statement(s)

H314

Causes severe skin burns and eye damage.

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Precautionary statement(s)

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P260 Do not breathe dust/fume/gas/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/doctor.
P405 Store locked up.
P501 Dispose of contents/container to a facility in accordance with local and national regulations.

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Aqueous preparation

Hazardous ingredients

| No | Substance name | Additional information | |
|----|--|--|------------------------|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration % |
| 1 | sulphamidic acid | | |
| | 5329-14-6 226-218-8 016-026-00-0 01-2119488633-28 | Aquatic Chronic 3; H412 Eye Irrit. 2; H319 Skin Irrit. 2; H315 | >= 10,00 - < 25,00 wt% |

Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

After ingestion

Do not induce vomiting. Call a doctor immediately. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

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5.1 Extinguishing media

Suitable extinguishing media

No data available.

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Product itself does not burn. Adapt extinguisher and fire-fighting measures to fire in the environment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation. Refer to protective measures listed in section 8.

General protective and hygiene measures

Wash hands before breaks and after work. Avoid contact with eyes and skin.

Advice on protection against fire and explosion

No special measures necessary.

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 from freezing.

Requirements for storage rooms and vessels

Store product in closed containers.

Incompatible products

None known

Storage Class according TRGS 510

8B Non-combustible corrosive substances

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

DNEL, DMEL and PNEC values

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DNEL values (worker)

| DNEL values (worker) | | | | |
|----------------------|-------------------|---------------------|----------|------------------------|
| No | Substance name | | | CAS / EC no |
| | Route of exposure | Exposure time | Effect | Value |
| 1 | sulphamidic acid | | | 5329-14-6 226-218-8 |
| | dermal | Long term (chronic) | systemic | 10 mg/kg/day |

DNEL value (consumer)

| DNEL value (consumer) | | | | |
|-----------------------|-------------------|---------------------|----------|------------------------|
| No | Substance name | | | CAS / EC no |
| | Route of exposure | Exposure time | Effect | Value |
| 1 | sulphamidic acid | | | 5329-14-6 226-218-8 |
| | oral | Long term (chronic) | systemic | 5 mg/kg/day |
| | dermal | Long term (chronic) | systemic | 5 mg/kg/day |
| | inhalative | Long term (chronic) | svstemic | 17.4 mg/m³ |

PNEC values

| PNEC values | | | | |
|-------------|------------------------|-----------------------|------------------------|------------------|
| No | Substance name | | CAS / EC no | |
| | ecological compartment | Type | Value | |
| 1 | sulphamidic acid | | 5329-14-6 226-218-8 | |
| | water | fresh water | 1,8 | mg/L |
| | water | marine water | 0,18 | mg/L |
| | water | fresh water sediment | 8,36 | mg/kg dry weight |
| | water | marine water sediment | 0,84 | mg/kg dry weight |
| | soil | - | 5 | mg/kg dry weight |
| | sewage treatment plant | - | 20 | mg/L |

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

No special measures required.

Eye / face protection

Tightly fitting safety glasses (EN 166).

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material nitrile

Other

Light protective clothing

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| State of aggregation |
|----------------------|
| liquid |
| Form |

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| | | |
|--|----------|-------|
| liquid | | |
| Colour | | |
| colourless | | |
| Odour | | |
| odourless | | |
| pH value | | |
| Value | 0,7 | |
| Boiling point / boiling range | | |
| Value | 100 | °C |
| Melting point/freezing point | | |
| No data available | | |
| Decomposition temperature | | |
| No data available | | |
| Flash point | | |
| Not applicable | | |
| Ignition temperature | | |
| No data available | | |
| Flammability | | |
| No data available | | |
| Lower explosion limit | | |
| No data available | | |
| Upper explosion limit | | |
| No data available | | |
| Vapour pressure | | |
| No data available | | |
| Relative vapour density | | |
| No data available | | |
| Relative density | | |
| No data available | | |
| Density | | |
| Value | 1,05 | g/ml |
| Reference temperature | 20 | °C |
| Solubility in water | | |
| Comments | miscible | |
| Solubility | | |
| No data available | | |
| Partition coefficient n-octanol/water (log value) | | |
| No data available | | |
| Kinematic viscosity | | |
| Value | < 0,3 | dPa*s |
| Type | dynamic | |
| Particle characteristics | | |
| No data available | | |

9.2 Other information

| | | |
|--------------------------|--|--|
| Other information | | |
| No data available. | | |

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SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

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

| Acute oral toxicity | | | |
|---------------------|------------------|-----------|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | sulphamidic acid | 5329-14-6 | 226-218-8 |
| LD50 | | 3160 | mg/kg bodyweight |
| Species | rat | | |
| Source | manufacturer | | |

| Acute dermal toxicity | | | |
|-----------------------|--|--|--|
| No data available | | | |

| Acute inhalational toxicity | | | |
|-----------------------------|--|--|--|
| No data available | | | |

| Skin corrosion/irritation | | | |
|---------------------------|------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | sulphamidic acid | 5329-14-6 | 226-218-8 |
| Species | rabbit | | |
| Method | OECD 404 | | |
| Source | manufacturer | | |
| Evaluation | irritant | | |

| Serious eye damage/irritation | | | |
|-------------------------------|--------------------|-----------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | sulphamidic acid | 5329-14-6 | 226-218-8 |
| Species | rabbit | | |
| Method | EPA OPPTS 870-2400 | | |
| Source | ECHA | | |
| Evaluation | Irritating to eyes | | |

| Respiratory or skin sensitisation | | | |
|-----------------------------------|--|--|--|
| No data available | | | |

| Germ cell mutagenicity | | | |
|------------------------|--|--|--|
| No data available | | | |

| Reproduction toxicity | | | |
|-----------------------|--|--|--|
| No data available | | | |

| Carcinogenicity | | | |
|-------------------|--|--|--|
| No data available | | | |

| STOT - single exposure | | | |
|------------------------|--|--|--|
|------------------------|--|--|--|

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No data available

STOT - repeated exposure

No data available

Aspiration hazard

No data available

Endocrine disrupting properties

No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Contact of the product with skin or eyes may cause irritation.

11.2 Information on other hazards

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)

| No | Substance name | CAS no. | EC no. |
|----------------------|---------------------|-----------|-----------|
| 1 | sulphamidic acid | 5329-14-6 | 226-218-8 |
| LC50 | | 70,3 | mg/l |
| Duration of exposure | | 96 | h |
| Species | Pimephales promelas | | |
| Method | OECD 203 | | |
| Source | ECHA | | |

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

| No | Substance name | CAS no. | EC no. |
|----------------------|------------------|-----------|-----------|
| 1 | sulphamidic acid | 5329-14-6 | 226-218-8 |
| EC50 | | 71,6 | mg/l |
| Duration of exposure | | 48 | h |
| Species | Daphnia magna | | |
| Method | OECD 202 | | |
| Source | ECHA | | |

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

| No | Substance name | CAS no. | EC no. |
|----------------------|-------------------------|-----------|-----------|
| 1 | sulphamidic acid | 5329-14-6 | 226-218-8 |
| EC50 | | 48 | mg/l |
| Duration of exposure | | 72 | h |
| Species | Desmodesmus subspicatus | | |
| Method | OECD 201 | | |
| Source | ECHA | | |

Toxicity to algae (chronic)

| No | Substance name | CAS no. | EC no. |
|----------------------|-------------------------|-----------|-----------|
| 1 | sulphamidic acid | 5329-14-6 | 226-218-8 |
| NOEC | | 18 | mg/l |
| Duration of exposure | | 72 | h |
| Species | Desmodesmus subspicatus | | |
| Method | OECD 201 | | |
| Source | ECHA | | |

Bacteria toxicity

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Region: GER

| No | Substance name | CAS no. | EC no. |
|----------------------|------------------|-----------|-----------|
| 1 | sulphamidic acid | 5329-14-6 | 226-218-8 |
| EC50 | > | 200 | mg/l |
| Duration of exposure | | 3 | h |
| Species | activated sludge | | |
| Method | OECD 209 | | |
| Source | ECHA | | |

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

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information

Do not discharge into drains or waters and do not dispose of in public landfills.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Completely emptied packagings can be given for recycling. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

SECTION 14: Transport information

14.1 UN number or ID number

| | |
|----------------|--------|
| ADR/RID/ADN | UN2967 |
| IMDG | UN2967 |
| ICAO-TI / IATA | UN2967 |

14.2 UN proper shipping name

| | |
|----------------|-------------------------|
| ADR/RID/ADN | SULPHAMIC ACID solution |
| IMDG | SULPHAMIC ACID solution |
| ICAO-TI / IATA | Sulphamic acid solution |

14.3 Transport hazard class(es)

| | |
|---------------------------|----|
| ADR/RID/ADN - Class | 8 |
| Label | 8 |
| Classification code | C2 |
| Tunnel restriction code | E |
| Hazard identification no. | 80 |
| IMDG - Class | 8 |
| Label | 8 |
| ICAO-TI / IATA - Class | 8 |
| Label | 8 |

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14.4 Packing group

ADR/RID/ADN III

IMDG III

ICAO-TI / IATA III

14.5 Environmental hazards

EmS F-A, S-B

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

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) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product is considered being subject to REACH regulation (EC) 1907/2006 annex XVII. No 3

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

| No | Substance name | CAS no. | EC no. | No |
|----|------------------|-----------|-----------|----|
| 1 | sulphamidic acid | 5329-14-6 | 226-218-8 | 75 |

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

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.

National regulations

Water Hazard Class (Germany)

Class

1

Source

Classification according to AwSV (Regulation on facilities for handling substances that are hazardous to water).

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

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Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

| | |
|------|--|
| H315 | Causes skin irritation. |
| H318 | Causes serious eye damage. |
| H319 | Causes serious eye irritation. |
| H412 | Harmful to aquatic life with long lasting effects. |

Creation of the safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

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