

Safety data sheet according regulation (EG) No. 1907/2006 (REACH)

Created on: 03.04.2017
Revised on: 01.09.2025
Valid from: 01.01.2017
Version: 002

Replaced Version: 001

Shrimp Mineral GH/KH+

Section 1:

Identification of the substance or mixture and the company

1.1 Product identifier

Substance name / trade name: **SaltyShrimp – Shrimp Mineral GH/KH+**

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

Use of the mixture for the treatment of reverse osmosis water or deionized water especially for ornamental shrimp from soft water habitats.

1.3 Details of the supplier providing the safety data sheet

Manufacturer / supplier:

GlasGarten
Ohlweg 8
22885 Barsbuettel, GERMANY
Pho. +49 (0)40 - 38655110
hallo@garnelenhaus.de

1.4 Emergency number

Universitaetsmedizin Goettingen - Georg-August-University, GERMANY
Pho.: +49 (0)551/19 240

Section 2: Possible dangers

2.1 Classification of the substance or mixture

Classification according to regulation (EG) No. 1272/2008

Eye Irrit. 2; H319 - Causes serious eye irritation

2.2 Marking elements

Labeling elements according to regulation (EG) No. 1272/2008

Pictogram:



GHS07

Signal word:

Danger

Hazardous components for labeling contains:

Hazard warnings:

H319 Causes serious eye irritation

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Safety instructions:

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P264 Wash hands thoroughly after handling.

P280 Wear eye protection.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container to hazardous or special waste collection point.

2.3 Other dangers

Results of the PBT and vPvB judgement

PBT: Not applicable

vPvB: Not applicable

Section 3: Composition / information on ingredients

3.1 Substances

Chemical characterization: This product is a mixture.

The product does not contain any substances > 0.1% that are listed as SVHC substances in Annex XIV 1907/2006.

3.2 Mixtures

The product is composed of different salts.

Components classified as hazardous as raw materials according to Regulation (EG) No. 1272/2008 or Directive 67/548/EEC:

CAS-No.	Description			[wt-%]
	EG-No.	Index-No.	REACH-No.	
	Classification according to regulation (EG) No. 1272/2008 [CLP/GHS]			
	Hazard class	Hazard class and category	Danger notice	
10035-04-8	Calcium Chloride Dihydrate			< 45
	233-140-8		01-2119494219-28	
	serious eye damage/eye irritation	(Eye Irrit. 2)	H319	

Section 4: First Aid Measures

4.1 Description of the first aid measure

General information

Take off contaminated clothing and wash with plenty of water. Get medical advice/attention if you feel unwell. Show this safety data sheet to the attending doctor.

After inhalation

Provide fresh air; consult a doctor if symptoms persist

After skin contact

Change soiled clothes. Immediately wash affected skin areas with plenty of water, consult a doctor if symptoms persist.

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After eye contact

In case of contact with the eyes, rinse with plenty of water for at least 5 minutes with the eyelids open and consult an ophthalmologist.

After swallowing

Rinse mouth and drink plenty of water, seek medical advice

4.2 Most important symptoms and effects, both acute and delayed

Can irritate the mucous membranes

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea

4.3 Indications of immediate medical attention or special treatment

Treatment: symptomatic treatment. No further information available.

Section 5: Fire-fighting measures

5.1 Extinguishing agent

Suitable: Adapt extinguishing measures to the environment

Not suitable: none

5.2 Special hazards arising from the substance or mixture

The substance is not combustible and does not promote fire.

In case of fire, the following can be released: Hydrogen chloride (HCl), chlorine gas (Cl₂), carbon monoxide (CO), carbon dioxide (CO₂), sulfur oxides

5.3 Advice for fire fighting

In the event of fire, personal protective equipment and, if necessary, self-contained breathing apparatus. use device. Do not allow extinguishing water to get into the sewage system/ surface water/ ground water senior Suppress gases/vapours/mist with water spray jet.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment.

Ensure adequate ventilation.

Avoid dust formation.

Avoid substance contact.

Avoid breathing dust.

6.2 Environmental protection measures

Prevent further leakage/spillage if safe to do so.

Do not allow large quantities to enter drains or waterways.

6.3 Methods and material for containment and cleaning up

Take up dust-free and deposit dust-free.

Place in suitable, closed containers for disposal and dispose of in accordance with Section 13.

Post-cleaning. The cleaning liquid (water, possibly with the addition of cleaning agents) can be disposed of with the waste water.

6.4 Reference to other sections

For personal protective equipment see section 8.

For information on disposal see section 13.

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Section 7: Handling and storage

7.1 Precautions for safe handling

Measures to protect against fire and explosions

The usual precautionary measures when handling chemicals must be observed.
Usual preventive fire protection measures.
Avoid formation of dust.
Avoid skin and eye contact
Dust deposits that cannot be avoided should be picked up regularly.

Measures to prevent dust and aerosols

Ensure good ventilation of storage and workplace.
Avoid dust formation.
Do not inhale dust.
Carry out work under hood.
Avoid contact with eyes, skin and clothing.
Do not spill substance when handled openly, avoid formation of dust.

Measures to protect the environment

Avoid release to the environment.
Do not empty into drains.

General hygiene measures

The usual precautionary measures when handling chemicals must be observed.
Keep away from food, drink and animal feedingstuffs. Do not eat, drink or smoke at work.
Take off contaminated clothing immediately. Preventive skin protection recommended.
Wash hands before breaks and at the end of work.
Provide an eye wash bottle or eye shower in the work area.

7.2 Conditions for safe storage, including any incompatibilities

Information on the storage conditions

Keep container tightly closed in a cool, dry, well-ventilated place.
Product is hygroscopic.
Open and handle with care.

Requirements for storage rooms and containers

Ferritic Steels. Danger of pitting corrosion.
Use of local and general ventilation.
No special requirements for storage rooms.

Notes on storage together

Do not store together with acids

Storage class: 13 - Non-combustible solids

Section 8: Exposure controls / personal protective equipment

8.1 Parameters to monitor

none

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8.2 Limitation and monitoring of exposure

Individual protective measures (personal protective equipment)

Eye protection

Avoid dust generation

Avoid contact with eyes - goggles recommended

Respiratory protection

Not required for room ventilation

Skin protection

not mandatory

Gloves

not mandatory

Body protection

not mandatory

General protective measures

Avoid formation of dust

Hygiene measures

Wash hands before breaks and at the end of work

Limitation and monitoring of environmental exposure

No information available

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Look

- State of aggregation: solid (crystals, powder)

- Color: whitish

Odor: odorless

Odor threshold: there is no information

pH- value: 6-7 on 20°C

Melting Point/Freezing Point: not available

Initial boiling point and boiling range: not available

Flash point: not available

Evaporation rate: not available

Flammability: not available

Vapor pressure: not available

Vapor density: not available

Relative density: not available

Solubility: not available

Miscibility with water: not available

Viscosity: not determined

Bulk density: no data available

explosive properties: not explosive

oxidizing properties: none

Section 10: Stability and Reactivity

10.1 Chemical Stability

Stable under normal conditions

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10.2 Chemical Stability

Not known

10.3 Substances to avoid

Strong acids, metals (corrosive)
Humidity

10.4 Conditions to avoid

Corrosive to metals
Strong sunlight over a long period of time
Protect from humidity and water

10.5 Incompatible materials

Corrosive to metals

10.6 Hazardous decomposition products

With strong acids: hydrogen chloride
With oxidizing agents: chlorine gas (Cl₂), sulfur oxides

General information

When dissolving in water, always add the product to the water and do not add water to the product

Section 11: Toxicological information

11.1 Information on toxicological effects

There are no toxicological findings

Acute toxicity: no information available

Irritation: no information available

Corrosive effect: no information available

Sensitization: no information available

Repeated dose toxicity: no information available

Carcinogenicity: no information available

Mutagenicity: no information available

Reproductive toxicity: no information available

General remarks: The available data are sufficient for a complete industrial toxicology assessment is not enough. The usual regulations for handling chemicals must be observed.

Other information: Irritant effect on the eyes. If swallowed, irritation of the mouth, throat, esophagus and gastrointestinal tract, gastrointestinal complaints

Section 12: Environmental Information

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12.1 Toxicity

Fish	No data available
Daphnia	No data available
Alga	No data available
Bacteria	No data available

12.2 Persistence and degradability

Mixture of inorganic and carbonaceous raw materials; Inorganic raw materials cannot be eliminated from the water by biological purification processes

12.3 Bioaccumulative potential

No information available. The product has not been tested.

12.4 Mobility in soil

No information available. The product has not been tested.

12.5 Result of PBT and vPvB assessment

No information available. The product has not been tested.

12.6 Other harmful effects

No information available.

General information

The description of possible harmful effects is based on practical experience and/or toxicological properties of individual components. If used properly, no environmental damage is known or expected. Do not release the product into the environment uncontrolled.

Behavior in sewage treatment plants

If low concentrations are properly introduced into adapted biological sewage treatment plants, disturbances in the degradation activity of activated sludge are not to be expected. The inorganic components of the product cannot be eliminated from the water by biological purification processes.

Section 13: Disposal instructions

13.1 Waste treatment methods

Treatment of contaminated packaging

Packaging must be cleaned with plenty of water and can then be disposed of in the usual way.

Waste code according to the Waste List Ordinance (AVV)

06 03 14 - solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13

15 01 02 - Plastic packaging

Recommendation for the product

There are no uniform regulations for the disposal of chemicals or residues in the member states of the EU. In Germany, the recycling requirement is laid down in the Circular Economy and Waste Management Act (KrW/AbfG).

Recommendation for packaging

After cleaning, the packaging can be reused or recycled.

Recommended cleaning agent

Water, if necessary with the addition of cleaning agents.

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The assignment of the waste key no. is to be carried out according to the EAK regulation in a sector- and process-specific manner

Section 14: Transport information

14.1 UN number

omitted

14.2 UN proper shipping name

omitted

14.3 Transport hazard classes

omitted

14.4 Packing group

omitted

14.5 Environmental hazards

omitted

14.6 Special precautions for the user

omitted

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable

Remarks

No dangerous goods in the sense of the regulation

More information about transportation

No dangerous goods in the sense of the transport regulations - ADR/RID (GGVSEB), IMDG (GGVSee), ICAO/IATA-DGR.

Section 15: legislation

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

EU regulations e.g.

Not known

National regulations e.g.

Not known

Notes on Restrictions on Employment

No information available

Water hazard class

WGK 1 - slightly hazardous to water (classification according to VwVwS, substance no. 220)

Incident Ordinance

Not applicable

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Technical Instructions Air (TI Air)

Not applicable

Other Relevant Regulations

No further information available

Section 16: Other Information

Changes from the last version

None

Recommended Usage and Limitations

Existing national and local laws regarding chemicals must be observed.

Additional Information

The information in this safety data sheet corresponds to the best of our knowledge at the time of creation. The information is intended to give you tips for the safe handling of the product named in this safety data sheet for storage, processing, transport and disposal. The details are not transferable to other products. If the product is blended, mixed or processed with other materials, or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise. Existing laws and regulations are the responsibility of the recipient of our products.

Other Notes

The information is based on the current state of our knowledge, but it does not represent a guarantee of product properties and does not constitute a contractual legal relationship.