

Section 1: Identification of the substance or mixture and of the company

1.1 Product identifier

Substance name / trade name: NaturSoft

Index No.: not classified

EC No.: not classified

CAS No.: not classified

REACH registration No.: not classified

Other names: not available

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

1.2.1 Relevant identified uses:

Limescale protection

1.2.2 Uses advised against is:

All uses other than those mentioned under point 1.2.1

1.3 Details of the supplier of the safety data sheet

Name: Woegerbauer – R & D – Prüflabor GmbH

Address: Bloher Landstr. 39 b

26160 Bad Zwischenahn

Tel. No.: +49 (0) 4403 - 602690

Fax No.: +49 (0)

E-mail address: info@woegerbauer-lab.de

1.4 Emergency number

European emergency number: 112

Emergency information service: +49 (0)6131 19 240, Poison Control Center Mainz

Manufacturer's emergency number: +49 (0)179 - 1216692

Availability outside working hours: No

Section 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) No. 1272/2008

Not classified

2.1.2 Classification according to Directive 67/548/EEC

Not classified

2.1.3 Classification according to Directive 1999/45/EC

Not classified

2.2 Label elements

Label elements according to Regulation (EC) No. 1272/2008

Pictogram

Signal word

none

Hazard statements

H319: May cause eye irritation, similar to a grain of sand.

EUH401: Risk of slipping if granules are scattered on the floor.

Safety instructions

H319: Wear eye/face protection

EUH401: Sweep up spillage immediately and dispose of in household waste

P202: Read and understand all safety instructions before use

P102: Keep out of reach of children.

P280: Wear eye/face protection.

P305: If in eyes: Rinse cautiously with water for several minutes.

P351: Remove any contact lenses if possible. Continue rinsing.

P314: Get medical advice/attention if you feel unwell.

P501: Contents/container can be disposed of in accordance with national regulations.

P391: Collect spilled product and then dispose of in the household waste.

P233: Always keep container closed and store upright.

2.3 Other hazards

NaturSoft granules are not a food. It is not toxic, but consumption is not recommended (P301 + P312).

Safety data sheet according to Regulation (EC) No. 1907/2006 and Regulation (EC) No. 453/2010 - Europe

Created on: February 1st, 2019

Valid from: February 1st, 2019

Updated on: April 22nd, 2022

Version: 1

Section 3: Composition/information on ingredients

Mixture

Copolymer of acrylic acid and diethylene glycol divinyl ether with carboxylic acid groups in H form Seed crystals made of calcite and portlandite

Section 4: First aid measures

4.1 Description of first aid measures

After inhalation

Take the affected person to fresh air. Keep the person warm and rest. If breathing is absent or irregular or if respiratory arrest occurs, artificial respiration or oxygen must be administered by trained personnel. If symptoms occur, seek medical attention. If unconscious, place in the recovery position and seek medical attention immediately. Keep airways open. Loosen tight-fitting clothing (e.g. collar, tie, belt or waistband).

After skin contact

Rinse contaminated skin with plenty of water. Remove soiled clothing and shoes. If symptoms occur, seek medical attention. Wash clothing before rewearing. Clean shoes thoroughly before reusing.

After eye contact

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for contact lenses and remove them if present. Rinse continuously for at least 10 minutes. If irritation occurs, seek medical attention (P337 + P313)

After ingestion

Rinse mouth with water. Remove affected person to fresh air. Keep person warm and rested. If the substance has been swallowed and the affected person is conscious, give small amounts of water to drink. If nausea occurs, do not allow the person to continue drinking, as vomiting can be dangerous. Do not induce vomiting unless specifically instructed to do so by medical personnel. If vomiting occurs, keep the head low so that the vomit does not enter the lungs. If symptoms occur, consult a doctor. Never give anything by mouth to an unconscious person. If unconscious, place the person in the recovery position and seek medical attention immediately. Keep the airways open. Loosen tight-fitting clothing (e.g. collar, tie, belt or waistband).

4.2 Most important symptoms and effects, both acute and delayed If one or more granulate balls get into the eye, it behaves like a grain of sand. There is slight abrasive but not corrosive irritation. Systemic effects are not to be feared.

4.3 Indication of any immediate medical attention or special treatment needed

The balls can be easily rinsed out using an eyewash. If the granules cannot be removed and the irritation persists for more than 1 hour, a doctor should be consulted.

Section 5: Firefighting measures

5.1 Extinguishing media

The NaturSoft granulate is non-flammable.

Use powder, foam or CO₂ extinguishers for ambient fires.

Use extinguishing methods that are appropriate to local conditions.

5.2 Special hazards arising from the substance or mixture

No particular fire or explosion hazard

5.3 Instructions for firefighters

In the event of a fire, immediately seal off the scene and evacuate all persons from the danger area. No action shall be taken involving any personal risk or without adequate training.

Use self-contained breathing apparatus.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without adequate training. Deny access to unnecessary and unprotected personnel.

Ensure adequate ventilation. Wear appropriate protective equipment (see section 8).

Risk of slipping on spilled product. Clean up spilled product.

6.2 Environmental precautions

Avoid spreading and runoff of released material and contact with soil, waterways, drains and sewers. Notify the relevant authorities if the product has caused environmental pollution (sewage systems, surface water, soil or air). Collect spilled product.

6.3 Methods and material for containment and cleaning

Vacuum up or sweep up material and then dispose of it in the residual waste container.

Section 7: Handling and storage

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7.1 Precautions for safe handling

7.1.1 General recommendation

Avoid contact with eyes, wear safety glasses. Do not wear contact lenses. Portable eyewash bottle is recommended. Avoid dust generation. Filling equipment should be sealed.

7.1.2 Notes on general hygiene measures in the workplace

Eating, drinking and smoking should be prohibited in areas where this substance is used, stored or processed.

People handling the substance must wash their hands and face before eating, drinking or smoking.

Do not ingest. Avoid contact with eyes.

Ensure that eyewash stations and safety showers are available near the work area.

General hygiene measures in the workplace require adequate organizational

Measures such as regular cleaning of the workplace with suitable cleaning equipment.

7.1.3 Measures to protect the environment

Avoid dispersal and runoff of released material and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewage systems, surface water, soil or air).

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7.2 Conditions for safe storage, including any incompatibilities

P402: Store in a dry place.

Minimize contact with air and moisture.

The granules should be kept in the original container or an approved replacement container made of a compatible material and which is new. P411: Store between the following temperatures: 0 - 40°C.

Store in accordance with local regulations.

Protect from direct sunlight.

P404: Keep container tightly closed until use. Containers that have been opened should be carefully resealed and stored upright to prevent leakage. Do not store in unlabeled containers.

7.3 Specific end use(s)

Not available

Section 8: Exposure controls / Personal protective equipment

8.1 Control parameters:

Occupational exposure limits and/or biological limit values Occupational exposure limits (OEL) Germany

Not available

8.2 Exposure controls

Individual protection measures - personal protective equipment

Do not wear contact lenses.

Wear tight-fitting safety glasses with side shields or goggles.

Portable eyewash bottle is recommended.

Environmental exposure controls

Collect spilled product with eye/face protection and dispose of in household waste. Always keep the container closed and store upright.

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Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Physical state: Solid (pearls)

Color: White

Odor: Odorless

Important information on health, environmental protection and safety:

pH value: 7.0 (pH neutral)

Flammability: non-flammable

Water solubility: not water-soluble, also suitable for hot water

Density: 0.75 KG/L (20°)

Section 10: Stability and reactivity

10.1 Reactivity

No specific data on reactivity are available for this product or its ingredients.

10.2 Chemical stability

The product is stable. Only acid causes decomposition.

10.3 Possibility of hazardous reactions

Under normal storage conditions and normal use, no hazardous reactions will occur

10.4 Conditions to avoid

Minimize exposure to air and moisture to ensure shelf life. Keep away from acids, otherwise the product will lose its effectiveness and decompose.

10.5 Incompatible materials

Acids

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Created on: February 1st, 2019

Valid from: February 1st, 2019

Updated on: April 22nd, 2022

Version: 1

10.6 Dangerous decomposition products

Under normal storage and use conditions,
no hazardous decomposition products should be formed.

Section 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity - The NaturSoft granules are not toxic.

Skin corrosion/irritation - Non-irritating

Serious eye damage/irritation - Mildly irritating, similar to a grain of sand

Respiratory or skin sensitization - Non-irritating

Germ cell mutagenicity - No data available

Carcinogenicity

No data available

Reproductive toxicity

Not available

Specific target organ toxicity after single exposure

Not available

Specific target organ toxicity after repeated exposure

Not available

Aspiration hazard

Not available

Section 12: Ecological information

12.1 Toxicity

Non-toxic, only the pH of the environment is raised or lowered.

12.2 Persistence and degradability

Not known

Safety data sheet according to Regulation (EC) No. 1907/2006 and Regulation (EC) No. 453/2010 - Europe

Created on: 01.02.2019

Valid from: 01.02.2019

Updated on: 22.04.2022

Version: 1

12.3 Bioaccumulative potential

Not known

12.4 Mobility in soil

The NaturSoft granulate is not soluble and therefore has no mobility.

12.6 Other harmful effects

Not known

AOX: The product does not contain any organically bound halogens that contribute to the AOX value in waste water

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal methods

Check reusability. Pack or seal product waste and
uncleaned empty containers,

label them and dispose of or reuse them appropriately in accordance with national official regulations. For larger quantities, consult the supplier.

If uncleaned empty containers are passed on, the recipient must be informed of the possible hazard posed by product residues. When disposing of waste within the EU, the applicable waste code according to the European Waste Catalog (EWC) must be used. Among other things, it is the responsibility of the waste producer to assign their waste to industry- and process-specific waste codes according to the European Waste Catalog (EWC).

Hazardous waste

According to current knowledge, this product is not to be considered hazardous waste within the meaning of EU Directive 91/689/EEC.

Special precautions

Waste and containers must be disposed of in a safe manner.

Empty containers and linings may contain product residues

Avoid dispersal and runoff of released material and contact with soil, waterways, drains and sewers

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Section 14: Transport information

14.1 UN number

Not applicable

14.2 UN proper shipping name

Not applicable

14.3 Transport hazard class(es)

Not applicable

14.4 Packing group

Not applicable

14.5 Environmental hazards

None

14.6 Special precautions for user

Not a dangerous transport good.

Sensitive to frost from 0° C.

Sensitive to heat from 40° C.

Keep separate from food and beverages.

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

Not applicable

Section 15: Regulatory information

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

EU regulations e.g.

Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorisation. Substances of very high concern: None of the substances present in the final product are listed

Seveso – II Directive

This product is not controlled under the Seveso II Directive.

15.2 Chemical safety assessment

Not applicable

Safety data sheet according to Regulation (EC) No. 1907/2006 and Regulation (EC) No. 453/2010 - Europe

Created on: 02/01/2019

Valid from: 02/01/2019

Updated on: 04/22/2022

Version: 1

Section 16: Other information

All information is based on the current state of knowledge. This safety data sheet expressly does not guarantee specific product characteristics. The information does not have the meaning of quality information, property assurances or guarantees, but describes the product only with regard to safety requirements.

16.1 Hazard statements:

H319: Causes mild eye irritation

16.2 Precautionary statements:

P202: Read and understand all safety instructions before use.

P102: Keep out of reach of children.

P280: Wear eye protection/face protection.

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

P351: Remove any contact lenses if possible. Continue rinsing.

P314: Get medical advice/attention if you feel unwell.

P501: Contents/container can be disposed of in accordance with national regulations.

P391: Collect spilled product and dispose of in household waste.

P233: Always keep container closed and store upright.

Issue date: 04/22/2022

