

Trade name: Natrii carbonas decahydr crist

Substance number: 065944

Version: 3 / CH

Date revised: 17.12.2018

Replaces Version: 2 / CH

Print date: 01.10.19

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

1.1. Product identifier

Natrii carbonas decahydr crist

Item No. 06594400

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

Use of the substance/preparation

Cleaning agent

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Hänseler AG

Industriestrasse 35

9100 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible
for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2 H319

The product is classified and labelled in accordance with Regulation (EC) No 1272/2008

For explanation of abbreviations see section 16.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H319 Causes serious eye irritation.

Precautionary statements

P264.1 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face 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.

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SECTION 3: Composition/information on ingredients

Hazardous ingredients

Sodium carbonate, decahydrate

CAS No. 6132-02-1

Concentration >= 50 %

Classification (Regulation (EC) No. 1272/2008)

Eye Irrit. 2 H319

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

Wash off immediately with soap and water and rinse well.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Seek medical advice immediately.

After ingestion

Do not induce vomiting. Rinse out mouth and give plenty of water to drink. Take medical treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing measures to suit surroundings, Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

Non suitable extinguishing media

Full water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂)

5.3. Advice for firefighters

Special protective equipment for fire-fighting

No special measures required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation. High risk of slipping due to leakage/spillage of product. Ensure adequate ventilation.

6.2. Environmental precautions

Do not discharge into the drains/surface waters/groundwater. Advise water authority if spillage has entered water course or drainage system.

6.3. Methods and material for containment and cleaning up

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Pick up mechanically. Rinse away rest with warm water.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding Safe handling, see Section 7.
Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Avoid dust formation. Provide exhaust ventilation if dust is formed.

Advice on protection against fire and explosion

The product is not combustible.

7.2. Conditions for safe storage, including any incompatibilities

Recommended storage temperature

Value	15	25	°C
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Requirements for storage rooms and vessels

Keep only in original packaging. Suitable materials: Polyethylene/Polypropylene.

Hints on storage assembly

Do not store with acids.

Storage classes

Storage class according to TRGS 510	13	Non- combustible solids
Storage category (Switzerland)	11/13	Other solid hazardous substances with hazardous classification/labelling

Further information on storage conditions

Keep container tightly closed. Protect from atmospheric moisture and water. Product is hygroscopic.
Keep container in a well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

Exposure controls

See Section 7. No measures exceeding the ones mentioned necessary.

General protective and hygiene measures

Keep away from food-stuffs, beverages and feed-stocks. Wash hands before breaks and after work.
Avoid contact with skin and eyes. Hold eye wash fountain available. Do not inhale dust/fumes/mist.

Respiratory protection

Dust mask; Particle filter P2

Hand protection

The glove material must be sufficient impermeable and resistant to the substance. Check the tightness before wear. Gloves should be well cleaned before being removed, then stored in a well ventilated location.

Appropriate Material	nitrile rubber - NBR
Material thickness	>= 0.11 mm

Eye protection

Tightly fitting safety glasses

Body protection

Protective clothing; Boots; apron

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form Powder
Colour white
Odour odourless

pH value
 Value 11.4
 Concentration/H₂O 100 g/l
 Temperature 20 °C

Melting point
 Remarks not determined

Initial boiling point and boiling range
 Remarks not determined

Flash point
 Value °C
 Remarks Not applicable

Flammability (solid, gas)
 Not ignitable

Density
 Value 1.44 g/cm³
 Temperature 20 °C

Solubility in water
 Remarks Completely miscible

Decomposition temperature
 Remarks not determined

9.2. Other information

Bulk density
 Value 500 to 700 kg/m³
 Temperature 20 °C

Other information
 The product is not dangerous for explosions.

SECTION 10: Stability and reactivity

10.1. Reactivity
 No decomposition if stored and applied as directed.

10.2. Chemical stability
 To avoid thermal decomposition, do not overheat.

10.3. Possibility of hazardous reactions
 To avoid thermal decomposition, do not overheat.

10.4. Conditions to avoid
 To avoid thermal decomposition, do not overheat.

10.5. Incompatible materials
 Exothermic reaction with acids. Reactions with various metals. Reactions with light metals in the presence of moisture, with evolution of hydrogen. Build-up strong heat when diluted or dissolved in

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water. Incompatible with: Acids, Aluminium, Zinc

10.6. Hazardous decomposition products

Carbon monoxide and carbon dioxide

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity (Components)****Sodium carbonate, decahydrate**

Species	rat		
LD50	2800		mg/kg

Acute dermal toxicity (Components)**Sodium carbonate, decahydrate**

Species	rabbit		
LD50	> 2000		mg/kg

Acute inhalative toxicity (Components)**Sodium carbonate, decahydrate**

Species	guinea pig		
LC50	0.8		mg/l
Duration of exposure	2	h	

Sodium carbonate, decahydrate

Species	mouse		
LC50	1.2		mg/l
Duration of exposure	2	h	

Sodium carbonate, decahydrate

Species	rat		
LC50	2.3		mg/l
Duration of exposure	2	h	

Skin corrosion/irritation (Components)**Sodium carbonate, decahydrate**

evaluation	non-irritant
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Serious eye damage/irritation (Components)**Sodium carbonate, decahydrate**

evaluation	irritant - risk of serious damage to eyes
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Sensitization (Components)**Sodium carbonate, decahydrate**

evaluation	non-sensitizing
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SECTION 12: Ecological information**12.1. Toxicity****Fish toxicity (Components)****Sodium carbonate, decahydrate**

Species	Bluegill (Lepomis macrochirus)		
LC50	300		mg/l
Duration of exposure	96	h	

Daphnia toxicity (Components)**Sodium carbonate, decahydrate**

Species	Ceriodaphnia spec
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EC50 200 to 227 mg/l
Duration of exposure 48 h

12.5. Results of PBT and vPvB assessment**Evaluation of persistence and bioaccumulation potential (Components)****Sodium carbonate, decahydrate**

The Substance doesn't meets PBT/vPvB-criteria

12.6. Other adverse effects**General information / ecology**

Product is slightly hazardous to water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

EWC waste code No not dispose with rubbish.
EWC waste code Should not be released into the sanitary sewer system.
Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.
Packaging that cannot be cleaned should be disposed off as product waste.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	Non-dangerous goods	The product does not constitute a hazardous substance in sea transport.	The product does not constitute a hazardous substance in air transport.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****Water Hazard Class (Germany)**

Water Hazard Class WGK 3
(Germany)
Remarks Derivation of WGK according to Annex 1 No. 5.2 AwSV

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information**Hazard statements listed in Chapter 3**

H319 Causes serious eye irritation.

CLP categories listed in Chapter 3

Eye Irrit. 2 Eye irritation, Category 2

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Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.