

Trade name: Natrii carbonas calcinatus

Substance number: 065936

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 calcinatus

Item No. 06593600

Registration no.

EC No.: 207-838-8

Registration no. 01-2119485498-19-XXXX

CAS No. 497-19-8

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 If eye irritation persists:

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Get medical advice/attention.

SECTION 3: Composition/information on ingredients

Hazardous ingredients

Sodium carbonate

CAS No. 497-19-8

EINECS no. 207-838-8

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.

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.). Summon a doctor immediately.

After ingestion

Rinse out mouth and give plenty of water to drink. In the event of symptoms take medical treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Extinguishing measures to suit surroundings

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

6.2. Environmental precautions

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

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Clean up affected area. Flush away residues with hot water.

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.

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7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Do not use aluminium containers.

Hints on storage assembly

Do not store together with: Acids

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

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

necessary; Particle filter P2

Hand protection

Gloves

Appropriate Material	Natural Latex		
Material thickness	0.5	mm	
Breakthrough time	>= 8	h	

Gloves

Appropriate Material	Polychloroprene		
Material thickness	0.5	mm	
Breakthrough time	>= 8	h	

Gloves

Appropriate Material	nitrile rubber - NBR		
Material thickness	0.35	mm	
Breakthrough time	>= 8	h	

Gloves

Appropriate Material	Butyl rubber - Butyl		
Material thickness	0.5	mm	
Breakthrough time	>= 8	h	

Gloves

Appropriate Material	Fluoro carbon rubber - FKM		
Material thickness	0.4	mm	
Breakthrough time	>= 8	h	

Eye protection

Tightly fitting safety glasses

Body protection

Protective clothing

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Powder
Colour	white
Odour	odourless
pH value	
Value	11.5

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Concentration/H ₂ O	100	g/l
Temperature	20	°C

Melting point

Value	851	°C
Method	DIN 51761	

Initial boiling point and boiling range

Value	1600	°C
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Flash point

Value	°C
Remarks	Not applicable

Flammability (solid, gas)

Not ignitable

Solubility in water

Value	217	g/l
Temperature	20	°C

Decomposition temperature

Value	> 400	°C
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9.2. Other information**Bulk density**

Value	500	to	700	kg/m ³
Temperature	20	°C		

Other information

The product is not dangerous for explosions.

SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

To avoid thermal decomposition, do not overheat.

10.5. Incompatible materials

Acids, Aluminium, Zinc, 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 water.

10.6. Hazardous decomposition products

Carbon dioxide

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

Species	rat	
LD50	2800	mg/kg

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

Species	rabbit	
LD50	2210	mg/kg

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

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Species rat
 LC50 2875 mg/l
 Duration of exposure 4 h
 Administration/Form Dust/Mist

Skin corrosion/irritation

Remarks None

Serious eye damage/irritation

Remarks Irritates the eyes.

Sensitization

Remarks No sensitization effect known.

SECTION 12: Ecological information**12.1. Toxicity****Daphnia toxicity (Components)****Sodium carbonate**

Species Daphnia magna
 EC50 265 mg/l
 Duration of exposure 48 h

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

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**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Dispose of as unused product.

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 (Germany) WGK 1

Remarks Classification according to Annex 4 VwVwS

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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

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.