

Trade name: NATRIUMBICARBONAT AQ. 7%

Substance number: 337783

Version: 1 / CH

Date revised: 09.10.2023

Replaces Version: - / CH

Print date: 24.10.23

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

1.1. Product identifier

NATRIUMBICARBONAT AQ. 7%

Item No. 33778300

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

Voluntary product information following the Safety Data Sheet format

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

2.3. Other hazards

No special hazards have to be mentioned.

The product contains no PBT substances. The product contains no vPvB substances. This product does not contain a substance that has endocrine disrupting properties with respect to human. The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

SECTION 3: Composition/information on ingredients

Further ingredients

water

CAS No. 7732-18-5

EINECS no. 231-791-2

Concentration >= 90 %

Advice: [4]

Sodium Hydrogencarbonate

CAS No. 144-55-8

EINECS no. 205-633-8

Registration no. 01-2119457606-32-XXXX

Concentration >= 1 < 10 %

Advice: [4]

Note

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[4] Voluntary information

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In case of persistent symptoms consult doctor.

After inhalation

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

After skin contact

In case of contact with skin wash off with warm water. Consult a doctor if skin irritation persists.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse out mouth and give plenty of water to drink.

Adhere to personal protective measures when giving first aid

First aider: Pay attention to self-protection!

4.2. Most important symptoms and effects, both acute and delayed

Until now no symptoms known so far.

4.3. Indication of any immediate medical attention and special treatment needed

Hints for the physician / hazards

In the case of swallowing with subsequent vomiting, aspiration of the lungs can occur which can lead to chemical pneumonia or asphyxiation.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Foam, Carbon dioxide, Dry powder, Water spray jet

5.3. Advice for firefighters

Special protective equipment for fire-fighting

In case of combustion use a suitable breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment

6.2. Environmental precautions

Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material. Clean contaminated floors and objects thoroughly, observing environmental regulations.

6.4. Reference to other sections

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8.

SECTION 7: Handling and storage

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7.1. Precautions for safe handling

Advice on safe handling

Observe the usual precautions for handling chemicals.

Advice on protection against fire and explosion

No special measures required.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store product in closed containers.

Hints on storage assembly

Do not store together with foodstuffs.

Storage classes

Storage class according to TRGS 510 12 Non-combustible liquids

Further information on storage conditions

Keep container tightly closed and dry.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other information

Contains no substances with occupational exposure limit values.

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions for handling chemicals.

Respiratory protection

Not necessary, but do not inhale vapours. If workplace limits are exceeded, a respiratory protection approved for this particular job must be worn.

Hand protection

Appropriate Material neoprene

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state liquid

Colour colourless

Odour odourless

Melting point

Remarks not determined

Freezing point

Remarks not determined

Boiling point or initial boiling point and boiling range

Remarks not determined

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Flammability

not determined

Upper and lower explosive limits

Remarks not determined

Flash point

Value °C

Remarks Not applicable

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

pH value

Remarks not determined

Viscosity

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient n-octanol/water (log value)

Remarks not determined

Vapour pressure

Remarks Not applicable

Density and/or relative density

Remarks not determined

Relative vapour density

Remarks not determined

9.2. Other information**Odour threshold**

Remarks not determined

Evaporation rate (ether = 1) :

Remarks not determined

Solubility in water

Remarks not determined

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

Other information

None known

SECTION 10: Stability and reactivity**10.1. Reactivity**

No dangerous reactions known.

10.2. Chemical stability

No decomposition if stored and applied as directed.

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10.3. Possibility of hazardous reactions

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

10.5. Incompatible materials

None known

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute oral toxicity**

Remarks not determined

Acute oral toxicity (Components)**Sodium Hydrogencarbonate**

Species	rat		
LD50	>	4000	mg/kg

Sodium Hydrogencarbonate

Species	rat		
LD50		4220	mg/kg

Acute dermal toxicity

Remarks not determined

Acute inhalational toxicity

Remarks not determined

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

Species	rat		
LC50	>	4.74	mg/l

Skin corrosion/irritation

Remarks not determined

Skin corrosion/irritation (Components)**Sodium Hydrogencarbonate**

Species	rabbit
evaluation	non-irritant
Method	OECD 404

Serious eye damage/irritation

Remarks not determined

Serious eye damage/irritation (Components)**Sodium Hydrogencarbonate**

Species	rabbit
evaluation	non-irritant
Method	OECD 405

Sensitization

Remarks not determined

Subacute, subchronic, chronic toxicity

Remarks not determined

Subacute, subchronic, chronic toxicity (Components)

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Sodium Hydrogencarbonate

NOEC > 576 mg/l

Source Daphnia magna

Sodium Hydrogencarbonate

NOEC 5200 mg/l

Source Lepomis macrochirus

Mutagenicity

Remarks not determined

Mutagenicity (Components)**Sodium Hydrogencarbonate**

evaluation No mutagenicity in the Ames-test.

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

11.2 Information on other hazards**Endocrine disrupting properties with respect to humans**

The product does not contain a substance that has endocrine disrupting properties with respect to humans.

Other information

No toxicological data are available.

SECTION 12: Ecological information**12.1. Toxicity****General information**

not determined

Fish toxicity (Components)**Sodium Hydrogencarbonate**

Species Gambusia affinis
LC50 7700 mg/l

Duration of exposure 24 h

Sodium Hydrogencarbonate

Species Bluegill (Lepomis macrochirus)
LC50 7100 mg/l

Duration of exposure 96 h

Sodium Hydrogencarbonate

Species Gambusia affinis
LC50 7550 mg/l

Duration of exposure 96 h

Daphnia toxicity (Components)**Sodium Hydrogencarbonate**

Species Daphnia magna
EC50 4100 mg/l

Duration of exposure 48 h

Sodium Hydrogencarbonate

Species Daphnia magna
EC50 2350 mg/l

Duration of exposure 48 h

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12.2. Persistence and degradability

General information

not determined

Biodegradability (Components)

Sodium Hydrogencarbonate

evaluation

not degradable

Remarks

Inorganic product, cannot be eliminated from the water by biological purification processes.

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient n-octanol/water (log value)

Remarks

not determined

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

Results of PBT and vPvB assessment

The product contains no PBT substances

The product contains no vPvB substances.

12.6 Endocrine disrupting properties

Endocrine disrupting properties with respect to the environment

The product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms.

12.7. Other adverse effects

General information

not determined

General information / ecology

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

Disposal in compliance with local and national regulations.

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

Disposal recommendations for packaging

Packaging that cannot be cleaned should be disposed off as product waste.

SECTION 14: Transport information

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	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.	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 Derivation of WGK according to Annex 1 No. 5.2 AwSV

15.2. Chemical safety assessment

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

SECTION 16: Other information

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.