

Trade name: NATRIUMCHLORID AQ. 23% / Brenntag

Substance number: 337785

Version: 1 / CH

Date revised: 25.09.2023

Replaces Version: - / CH

Print date: 25.09.23

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

### **1.1. Product identifier**

NATRIUMCHLORID AQ. 23% / Brenntag

Item No. 33778500

### **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 &gt;= 50 %

Advice: [4]

#### **Sodium chloride**

CAS No. 7647-14-5

EINECS no. 231-598-3

Concentration &gt;= 10 &lt; 25 %

Advice: [4]

#### **Note**

[4] Voluntary information

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## **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, clear

**Colour**      colourless

#### Melting point

Remarks      not determined

#### Freezing point

Remarks      not determined

#### Boiling point or initial boiling point and boiling range

Remarks      not determined

#### Flammability

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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**Value 1.168 to 1.175 g/cm<sup>3</sup>**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.

**10.3. Possibility of hazardous reactions**

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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 chloride**

Species	rat		
LD50	3550		mg/kg

**Acute dermal toxicity**

Remarks not determined

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

Species	rabbit		
LD50	> 10000		mg/kg

**Acute inhalational toxicity**

Remarks not determined

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

Species	rat		
LC50	> 42000		mg/m <sup>3</sup>
Duration of exposure	1	h	

**Skin corrosion/irritation**

Remarks not determined

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

Remarks No data available.

**Serious eye damage/irritation**

Remarks not determined

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

Remarks No data available.

**Sensitization**

Remarks not determined

**Sensitization (Components)****Sodium chloride**

Remarks No data available.

**Subacute, subchronic, chronic toxicity**

Remarks not determined

**Subacute, subchronic, chronic toxicity (Components)**

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**Sodium chloride**

Remarks No data available.

**Mutagenicity**

Remarks not determined

**Mutagenicity (Components)****Sodium chloride**

Remarks No data available.

**Reproductive toxicity**

Remarks not determined

**Reproduction toxicity (Components)****Sodium chloride**

Remarks No data available

**Carcinogenicity**

Remarks not determined

**Carcinogenicity (Components)****Sodium chloride**

Remarks No data available

**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 chloride**

Species	Bluegill ( <i>Lepomis macrochirus</i> )	
LC50	5840	mg/l
Duration of exposure	96	h

**Daphnia toxicity (Components)****Sodium chloride**

Species	Daphnia	
NOEC	1500	mg/l
Duration of exposure	7	d

**Sodium chloride**

Species	Daphnia magna	
LC50	1661	mg/l
Duration of exposure	48	h

**Algae toxicity (Components)****Sodium chloride**

Remarks No data available.

**Bacteria toxicity (Components)**

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**Sodium chloride**

Remarks No data available.

**12.2. Persistence and degradability****General information**

not determined

**Physico-chemical eliminability (Components)****Sodium chloride**

Remarks No data available.

**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.