

Trade name: Natrii chloridum

Substance number: 065984

Version: 2 / CH

Date revised: 11.01.2017

Replaces Version: 1 / CH

Print date: 11.01.17

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

1.1. Product identifier

Natrii chloridum

Item No. 06598400

Substance / product identification

CAS-No. 7647-14-5

EINECS-No. 231-598-3

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

Use of the substance/preparation

Reagent for analyses

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG

Industriestrasse 35

9101 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

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

2.2. Label elements

Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)

Supplemental information

EUH210 Safety data sheet available on request.

2.3. Other hazards

No special hazards have to be mentioned.

SECTION 3: Composition/information on ingredients ***

Molecular weight

Value 58.44 g/mol

Hazardous ingredients (Regulation (EC) No. 1272/2008) ***

Sodium nitrite

CAS No. 7632-00-0

EINECS no. 231-555-9

Concentration >= 1 < 5 %

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

Aquatic Acute 1 H400

Ox. Sol. 3 H272

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Acute Tox. 3 H301

Further ingredients**Sodium chloride**

CAS No.	7647-14-5				
EINECS no.	231-598-3				
Concentration		>=	95		%
Advice: [4]					

Magnesium carbonate

CAS No.	546-93-0				
EINECS no.	208-915-9				
Concentration		>=	1	<	10 %
Advice: [4]					

Fluorine

CAS No.	7782-41-4				
EINECS no.	231-954-8				
Concentration				<	1 %
[4]					

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

Press. Gas	
Skin Corr. 1A	H314
Acute Tox. 2	H330
Ox. Gas 1	H270

Iodine

CAS No.	7553-56-2				
EINECS no.	231-442-4				
Registration no.	01-2119485285-30-XXXX				
Concentration		<	1		%
Advice: [4]					

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

Acute Tox. 4	H332
Acute Tox. 4	H312
Eye Irrit. 2	H319
Skin Irrit. 2	H315
STOT RE 1	H372
STOT SE 3	H335

Thyroid; Route of exposure: oral
Respiratory tract; Route of exposure: inhalative

Aquatic Acute 1	H400
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Advice:

[4] Voluntary information

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

If you feel unwell, seek medical advice (show the label where possible).

After inhalation

Remove the casualty into fresh air and keep him calm. Irregular breathing/no breathing: artificial respiration. Seek medical advice immediately.

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After skin contact

Wash off immediately with soap and water and rinse well. Seek medical advice immediately.

After eye contact

In case of contact with the eyes, rinse immediately for at least 15 minutes with plenty of water.

After ingestion

Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Seek medical advice immediately.

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

Vomiting, Diarrhoea

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

5.2. Special hazards arising from the substance or mixture

sodium oxides; Hydrogen chloride gas

5.3. Advice for firefighters**Special protective equipment for fire-fighting**

Use self-contained breathing apparatus.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Avoid dust formation. Do not inhale vapours. Ensure adequate ventilation. Do not inhale dust.

6.2. Environmental precautions

Do not empty into drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically and collect in suitable container for disposal.

6.4. Reference to other sections

Information regarding waste disposal, see Section 13.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

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

7.2. Conditions for safe storage, including any incompatibilities**Further information on storage conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection *****8.1. Control parameters****Exposure limit values *****

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Magnesium carbonate

List	SUVA		
Type	MAK		
Value	3	mg/m ³	
Status:	2014		

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. Wash hands and face before breaks and after work.

Respiratory protection

Not necessary.

Hand protection

Gloves

Appropriate Material

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.

Eye protection

Safety glasses with side protection shield

Body protection

necessary

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Form** crystalline**Colour** white**Odour** odourless**pH value**

Value	7	to	9.5
Concentration/H ₂ O	100	g/l	

Melting point

Value 801 °C

Initial boiling point and boiling range

Value 1461 °C

Flash point

Value °C

Remarks Not applicable

Flammability (solid, gas)

Not self inflammable

Not ignitable

Vapour pressure

Remarks Not applicable

Solubility in water

Value	358		g/l
Temperature	20	°C	
Remarks	soluble		

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9.2. Other information**Bulk density**Value 1.1 to 1.3 g/m³**SECTION 10: Stability and reactivity****10.1. Reactivity**

No decomposition if stored and applied as directed.

10.2. Chemical stability

No decomposition if stored and applied as directed.

10.3. Possibility of hazardous reactions

No decomposition if stored and applied as directed.

10.5. Incompatible materials

Strong oxidising agents

10.6. Hazardous decomposition products

No data available.

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

Species	rat		
LD50		3550	mg/kg

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

Species	rabbit		
LD50	>	10000	mg/kg

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

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

SECTION 12: Ecological information *****12.1. Toxicity****Fish toxicity (Components)****Sodium chloride**

Species	Bluegill (Lepomis macrochirus)		
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	

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Sodium chloride

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

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**

Non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

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 3
Remarks	Classification according to Annex 4 VwVwS

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

H272	May intensify fire; oxidiser.
H301	Toxic if swallowed.
H400	Very toxic to aquatic life.

CLP categories listed in Chapter 3

Acute Tox. 3	Acute toxicity, Category 3
Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Ox. Sol. 3	Oxidising solid, Category 3

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.