

Trade name: Natrii hypochlorosi 0,5% solut

Substance number: 213550

Version: 2 / CH

Date revised: 12.02.2016

Replaces Version: 1 / CH

Print date: 12.02.16

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

1.1. Product identifier

Natrii hypochlorosi 0,5% solut
Item No. 21355000

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

Use of the substance/preparation

Cleaning agent, Disinfectant

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 person responsible for this SDS
sdb@haenseler.ch

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.

SECTION 3: Composition/information on ingredients ***

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

Sodium hypochlorite

CAS No.	7681-52-9			
EINECS no.	231-668-3			
Concentration		<	1	%
Classification (Regulation (EC) No. 1272/2008)				
	Skin Corr. 1B		H314	
	Aquatic Acute 1		H400	

Concentration limits (Regulation (EC) No. 1272/2008)

EUH03 >= 5
1

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note B
DSD Directive 67/548/EEC, Annex I, Note B

SECTION 4: First aid measures

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4.1. Description of first aid measures

General information

No special measures necessary.

After inhalation

Remove the casualty into fresh air and keep him calm.. In the event of symptoms take medical treatment.

After skin contact

In general the product isn't skin irritating.

After eye contact

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

After ingestion

By continuous complaints consult a physician.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Carbon dioxide, Dry powder, Water spray jet, Extinguish greater fire with water spray or alcohol-resistant foam.

5.2. Special hazards arising from the substance or mixture

None known

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

Not required.

6.2. Environmental precautions

Dilute with lot of water.. Do not allow to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Pick up with absorbent material (eg sand, kieselgur, acid binder, universal binder, sawdust).

6.4. Reference to other sections

Dangerous substances are not released.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special requirements.

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

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No special requirements.

Hints on storage assembly

Not required.

Further information on storage conditions

None.

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**

General industrial hygiene practice.

Hand protection

Appropriate Material	Gloves / resistant to chemicals
Appropriate Material	PVC
Appropriate Material	Polyethylene
Appropriate Material	Natural Latex

Eye protection

Safety glasses

Body protection

Protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form	liquid
Colour	colourless
Odour	odourless
pH value	
Value	11
Temperature	20 °C
Melting point	
Value	1 °C
Initial boiling point and boiling range	
Remarks	not determined
Flash point	
Value	°C
Remarks	Not applicable
Flammability (solid, gas)	
Not applicable	
Upper/lower flammability or explosive limits	
Remarks	not determined
Vapour pressure	
Value	23 hPa
Temperature	20 °C

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Vapour density

Remarks not determined

DensityValue 1 g/cm³
Temperature 20 °C**Solubility in water**

Remarks miscible in all proportions

Partition coefficient: n-octanol/water

Remarks not determined

Decomposition temperature

Remarks not determined

Viscosity

Remarks not determined

9.2. Other information**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., Reactions with light metals, with evolution of hydrogen., Reactions with base metals, with evolution of hydrogen., Evolution of chlorine under influence of acids.

10.4. Conditions to avoid**Decomposition temperature**

Remarks not determined

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Skin corrosion/irritation**

Remarks No effect of irritation known.

Serious eye damage/irritation

Remarks No effect of irritation known

Sensitization

Remarks No sensitization effect known.

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

For this subsection there is no ecotoxicological data available on the product as such.

12.2. Persistence and degradability**General information**

For this subsection there is no ecotoxicological data available on the product as such.

12.3. Bioaccumulative potential

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General information

For this subsection there is no ecotoxicological data available on the product as such.

Partition coefficient: n-octanol/water

Remarks not determined

12.4. Mobility in soil**General information**

For this subsection there is no ecotoxicological data available on the product as such.

12.5. Results of PBT and vPvB assessment**General information**

Not applicable

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

EWC waste code Small amounts can be disposed together with rubbish.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

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

15.2. Chemical safety assessment

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

SECTION 16: Other information**R-phrases listed in Chapter 3**

31	Contact with acids liberates toxic gas.
34	Causes burns.
50	Very toxic to aquatic organisms.

Hazard statements listed in Chapter 3

H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.

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CLP categories listed in Chapter 3

Aquatic Acute 1

Hazardous to the aquatic environment, acute, Category 1

Skin Corr. 1B

Skin corrosion, Category 1B

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.