

Trade name: Natrii hypochlorosi 14% solut

Substance number: 213700

Version: 16 / CH

Date revised: 11.09.2025

Replaces Version: 15 / CH

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

### **1.1. Product identifier**

Natrii hypochlorosi 14% solut

Item No. 21370000

#### **Registration no.**

EC No.: 231-668-3

Registration no. 01-2119488154-34-XXXX

CAS No. 7681-52-9

#### **Substance / product identification**

UFI R7KM-70NA-7008-S09P

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

#### **Uses advised against**

PC8 Biocidal products (e.g. Disinfectants, pest control)

### **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  
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**

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

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

Met. Corr. 1 H290

Skin Corr. 1 H314

Eye Dam. 1 H318

Aquatic Acute 1 H400

Aquatic Chronic 2 H411

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**



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**Signal word**

Danger

**Hazard statements**

H290 May be corrosive to metals.  
H314 Causes severe skin burns and eye damage.  
H400 Very toxic to aquatic life.  
H411 Toxic to aquatic life with long lasting effects.  
EUH031 Contact with acids liberates toxic gas.

**Precautionary statements**

P234 Keep only in original packaging.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor.

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

contains sodium hypochlorite, solution (Cl active); sodium hydroxide

**Reduced labeling (<= 125 ml)****Hazard pictograms****Signal word**

Danger

**Hazard statements**

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P264.1 Wash hands thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P310 Immediately call a POISON CENTER or doctor.  
P501.3 Disposal in compliance with local and national regulations.

**2.3. Other hazards**

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****Hazardous ingredients**

sodium hypochlorite, solution (Cl active)

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EINECS no. 231-668-3  
 Registration no. 01-2119488154-34-XXXX  
 Concentration  $\geq 10$  < 25 %  
 Classification (Regulation (EC) No. 1272/2008)  
 Skin Corr. 1B H314  
 Eye Dam. 1 H318  
 Aquatic Acute 1 H400  
 Aquatic Chronic 1 H410

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

EUH03  $\geq 5$  %

1

Aquatic Acute 1 M = 10

Aquatic Chronic M = 1

1

ATE oral 5 mg/kg

Additional remarks:

CLP Regulation (EC) No 1272/2008, Annex VI, Note B

**sodium hydroxide**

CAS No. 1310-73-2  
 EINECS no. 215-185-5  
 Registration no. 01-2119457892-27-XXXX  
 Concentration  $\geq 1$  < 2 %  
 Classification (Regulation (EC) No. 1272/2008)  
 Met. Corr. 1 H290  
 Skin Corr. 1A H314

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

Eye Irrit. 2 H319  $\geq 0.5$  < 2 %Skin Corr. 1A H314  $\geq 5$  %Skin Corr. 1B H314  $\geq 2$  < 5 %Skin Irrit. 2 H315  $\geq 0.5$  < 2 %

ATE oral 325 mg/kg

ATE dermal 1'350 mg/kg

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

Remove affected person from danger area, lay him down. Adhere to personal protective measures when giving first aid. Keep under medical supervision for at least 48 hours. Remove contaminated, soaked clothing immediately and dispose of safely.

**After inhalation**

If the patient is likely to become unconscious, place and transport in stable sideways position.

**After skin contact**

Summon a doctor immediately. Wash off immediately with soap and water and rinse well. Wash skin thoroughly with water (15 min.).

**After eye contact**

Shield unaffected eye. Separate eyelids, wash the eyes thoroughly with water (15 min.). Summon a doctor immediately.

**After ingestion**

If swallowed, rinse mouth with water (only if the person is conscious). Do not induce vomiting. If individual is drowsy or unconscious place in recovery position (on left side, with head down). Summon a

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doctor immediately.

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

Irritating to respiratory system. Irritation of mucosa, Gastrointestinal complaints, Chemical burn

**4.3. Indication of any immediate medical attention and special treatment needed****Hints for the physician / hazards**

Frequent and persistent contact with the skin can cause dermatitis. Risk of pulmonary oedema

**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**

In the event of fire the following can be released: Hydrogen chloride (HCl); Chlorine (Cl<sub>2</sub>)

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

Wear full protective suit. Use self-contained breathing apparatus.

**Other information**

Cool endangered containers with water spray jet.

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

Respiratory protection. Wear protective equipment. Keep away unprotected persons.

**6.2. Environmental precautions**

Suppress gases/vapours/mists with water spray jet. Dilute with lot of water. Do not discharge into the drains/surface waters/groundwater.

**6.3. Methods and material for containment and cleaning up**

Neutralize. When picked up, treat material as prescribed under Section 13 "Disposal". Ensure adequate ventilation.

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

Provide good ventilation of working area (local exhaust ventilation if necessary). Handle and open container with care. Avoid formation of aerosols.

**Advice on protection against fire and explosion**

The product is not combustible. Oxidizing

**7.2. Conditions for safe storage, including any incompatibilities****Recommended storage temperature**

Value	15	25	°C
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**Requirements for storage rooms and vessels**

Only use containers that are approved specifically for the substance/product. Do not use metal containers and metal pinings.

**Hints on storage assembly**

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Do not store with combustible materials. Do not store with acids.

**Storage classes**

Storage class according to TRGS 510	8B	Non-combustible corrosive hazardous substances
Storage category (Switzerland)	8	Caustic and corrosive substances

**Further information on storage conditions**

Protect from frost. Protect from light. Keep container tightly closed.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Derived No/Minimal Effect Levels (DNEL/DMEL)****sodium hypochlorite, solution (Cl active)**

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Short term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	3.1	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	1.55	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	dermal	
Mode of action	Local effects	
Concentration	0.5	%

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Systemic effects	
Concentration	1.55	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Short term	
Route of exposure	inhalative	
Concentration	3.1	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	oral	
Mode of action	Systemic effects	
Concentration	0.26	mg/kg/d

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**sodium hydroxide**

Type of value	Derived No Effect Level (DNEL)	
Reference group	Worker	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	1	mg/m <sup>3</sup>

Type of value	Derived No Effect Level (DNEL)	
Reference group	Consumer	
Duration of exposure	Long term	
Route of exposure	inhalative	
Mode of action	Local effects	
Concentration	1	mg/m <sup>3</sup>

**Predicted No Effect Concentration (PNEC)****sodium hypochlorite, solution (Cl active)**

Type of value	PNEC	
Type	Freshwater	
Concentration	0.21	µg/l

Type of value	PNEC	
Type	Saltwater	
Concentration	0.042	µg/l

Type of value	PNEC	
Type	Sewage treatment plant (STP)	
Concentration	0.03	mg/l

Type of value	PNEC	
Conditions	Intermittend	
Concentration	0.26	µg/l

**8.2. Exposure controls****Exposure controls**

See Section 7. No measures exceeding the ones mentioned necessary.

**General protective and hygiene measures**

Hold eye wash fountain available. Keep away from food-stuffs, beverages and feed-stocks. Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands before breaks and after work. Avoid contact with skin and eyes.

**Respiratory protection**

Breathing apparatus in the event of aerosol or mist formation. Short term: filter apparatus, combination filter B-P2; At intensive and longer exposition use self-contained breathing apparatus. EN 141

**Hand protection**

Gloves (alkali-resistant)		
Appropriate Material	Polychloroprene	
Material thickness	0.5	mm
Breakthrough time	>= 8	h
Hand protection must comply with EN 374.		
Gloves (alkali-resistant)		
Appropriate Material	Fluoro carbon rubber - FKM	
Material thickness	0.4	mm
Breakthrough time	>= 8	h

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Gloves (alkali-resistant)  
 Appropriate Material PVC  
 Material thickness 0.5 mm  
 Breakthrough time  $\geq$  8 h  
 Protective gloves  
 Not suitable: gloves made of thick material  
 Not suitable: leather gloves

**Eye protection**

Tightly fitting safety glasses

**Body protection**

Alkali-resistant protective clothing

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

<b>Physical state</b>	liquid
<b>Colour</b>	yellow-green
<b>Odour</b>	Chlorine.
<b>Melting point</b>	
Value	-30 to -20 °C
<b>Flash point</b>	
Value	°C
Remarks	Not applicable
<b>Decomposition temperature</b>	
Value	> 111 °C
<b>pH value</b>	
Value	12 to 13
<b>Viscosity</b>	
<b>dynamic</b>	
Value	3 to 4 mPa.s
<b>Partition coefficient n-octanol/water (log value)</b>	
log Pow	-3.42
Temperature	20 °C
<b>Vapour pressure</b>	
Value	appr. 20 hPa
<b>Density and/or relative density</b>	
Value	1.21 to 1.23 g/cm <sup>3</sup>
Temperature	20 °C

**9.2. Other information****Solubility in water**

Remarks Completely miscible

**Explosive properties**

evaluation no

**Oxidising properties**

evaluation oxidizing

**Other information**

The product is not dangerous for explosions. The product is not combustible.

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Contact with acids liberates toxic gases. Corrosive to metals.

### 10.2. Chemical stability

Protect from light. Heat

### 10.3. Possibility of hazardous reactions

Protect from light and atmospheric moisture. Keep away from sources of heat and ignition. Possible incompatibility with materials listed under section 10.5.

### 10.4. Conditions to avoid

To avoid thermal decomposition, do not overheat.

### 10.5. Incompatible materials

Reactions with strong acids. Do not store with combustible materials. Evolution of chlorine under influence of acids. Reactions with reducing agents. Corrosive to metals. Violent reaction with organic compounds like wood, paper, grease. hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>), Salts of metals (iron), copper (Cu)

### 10.6. Hazardous decomposition products

Chlorine, Hydrogen chloride (HCl), Chlorine compounds

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute oral toxicity

ATE	33.2992	mg/kg
Method	calculated value according to GHS (e.g see UN GHS)	
Remarks	Based on available data, the classification criteria are not met.	

#### Acute oral toxicity (Components)

##### sodium hypochlorite, solution (Cl active)

Species	mouse	
LD50	5800	mg/kg

##### sodium hypochlorite, solution (Cl active)

Species	rat	
LD50	> 1100	mg/kg
Method	OECD 401	
Source	Test substance: Cl	

##### sodium hypochlorite, solution (Cl active)

Species	rat	
NOAEL	5	mg/kg

##### sodium hydroxide

Species	rat	
LD50	2000	mg/kg
Source	NLM HSDB	

##### sodium hydroxide

Species	rat	
LD50	325	mg/kg
Source	OECD SIDS	

#### Acute dermal toxicity

ATE	> 10'000	mg/kg
Method	calculated value according to GHS (e.g see UN GHS)	



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Remarks Based on available data, the classification criteria are not met.

**Acute dermal toxicity (Components)****sodium hypochlorite, solution (Cl active)**

Species rabbit  
 LD50 > 20000 mg/kg  
 Method OECD 402  
 Source Test substance: Cl

**sodium hydroxide**

Remarks Strong corrosive action on the skin and mucous membrane.

**sodium hydroxide**

Species rabbit  
 LD50 1350 mg/kg  
 Source NLM HSDB

**Acute inhalational toxicity**

Remarks Based on available data, the classification criteria are not met.

**Acute inhalative toxicity (Components)****sodium hypochlorite, solution (Cl active)**

Species rat  
 LC50 > 10.5 mg/l  
 Duration of exposure 1 h  
 Method OECD 403  
 Source Chlor

**sodium hydroxide**

Remarks Strong corrosive action on the skin and mucous membrane.

**Skin corrosion/irritation**

evaluation corrosive  
 Remarks The classification criteria are met.

**Skin corrosion/irritation (Components)****sodium hypochlorite, solution (Cl active)**

Species Human  
 evaluation corrosive

**sodium hypochlorite, solution (Cl active)**

Species rabbit  
 evaluation strongly irritant  
 Method OECD 404

**sodium hydroxide**

Species rabbit  
 Duration of exposure 24 h  
 Remarks Corrosive

**Serious eye damage/irritation**

evaluation corrosive  
 Remarks The classification criteria are met.

**Serious eye damage/irritation (Components)****sodium hypochlorite, solution (Cl active)**

Species rabbit  
 evaluation irritant - risk of serious damage to eyes  
 Method OECD 405

**sodium hydroxide**

Species rabbit

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Duration of exposure evaluation	24 h
Method	strongly corrosive
Remarks	Draize method
	Influence of the product with the eyes can lead to blindness.

**Sensitization**

Remarks	Based on available data, the classification criteria are not met.
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**Sensitization (Components)****sodium hypochlorite, solution (CI active)**

Species	guinea pig
evaluation	non-sensitizing
Method	OECD 406

**sodium hydroxide**

Remarks	No sensitisation effect known.
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**Subacute, subchronic, chronic toxicity (Components)****sodium hydroxide**

Remarks	No data available
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**Mutagenicity**

Remarks	Based on available data, the classification criteria are not met.
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**Mutagenicity (Components)****sodium hypochlorite, solution (CI active)**

evaluation	No experimental information on genotoxicity in vitro available.
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**sodium hypochlorite, solution (CI active)**

evaluation	No experimental indications on genotoxicity in vivo found.
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**sodium hypochlorite, solution (CI active)**

Species	Salmonella typhimurium
evaluation	No mutagenicity in the Ames-test.
Method	OECD 471

**sodium hypochlorite, solution (CI active)**

Species	hamster
evaluation	Information on genotoxicity in vitro available.
Method	OECD 473

**sodium hypochlorite, solution (CI active)**

Species	mouse
evaluation	No experimental indications on genotoxicity in vivo found.
Method	OECD 474

**sodium hypochlorite, solution (CI active)**

Species	mouse
evaluation	Information on genotoxicity in vivo available.

**sodium hydroxide**

Species	Escherichia coli
evaluation	No mutagenicity in the Ames-test.

**Reproductive toxicity**

Remarks	Based on available data, the classification criteria are not met.
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**Reproduction toxicity (Components)****sodium hypochlorite, solution (CI active)**

evaluation	No negative effects
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**sodium hydroxide**

Remarks	No data available
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**Carcinogenicity**

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Remarks Based on available data, the classification criteria are not met.

**Carcinogenicity (Components)****sodium hypochlorite, solution (CI active)**

evaluation No negative effects

**sodium hydroxide**

evaluation No negative effects

**Specific Target Organ Toxicity (STOT)****Single exposure**

Remarks Based on available data, the classification criteria are not met.

**Repeated exposure**

Remarks Based on available data, the classification criteria are not met.

**Specific Target Organ Toxicity (STOT) (Components)****sodium hypochlorite, solution (CI active)****Single exposure**

evaluation May cause respiratory irritation.

Route of exposure inhalative

Organs: Respiratory tract

Species

Human

**sodium hydroxide**

Remarks No data available

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**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.

**Experience in practice**

After Swallowing: burns in mouth, throat, oesophagus and gastrointetinal tract. Risk of perforation in the oesophagus and stomach.

**SECTION 12: Ecological information****12.1. Toxicity****Fish toxicity**

Species Fathead minnow (*Pimephales promelas*)  
 LC50 5.9 mg/l  
 Duration of exposure 96 h

**Fish toxicity (Components)****sodium hypochlorite, solution (CI active)**

Species *Salmo gairdneri*  
 LC50 0.06 mg/l  
 Duration of exposure 96 h

**sodium hypochlorite, solution (CI active)**

Species *Menidia peninsulæ*  
 NOEC 0.04 mg/l  
 Duration of exposure 96 h

**sodium hypochlorite, solution (CI active)**

Species *Menidia peninsulæ*

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NOEC	0.04		mg/l
Duration of exposure	28	d	

**sodium hydroxide**

Species	Gambusia affinis		
LC50	125		mg/l
Duration of exposure	96	h	

**sodium hydroxide**

Species	rainbow trout (Oncorhynchus mykiss)		
LC50	45.4		mg/l
Duration of exposure	96	h	

**sodium hydroxide**

Species	guppy (Poecilia reticulata)		
LC50	145		mg/l
Duration of exposure	24	h	

**Daphnia toxicity**

Species	Daphnia magna		
LC50	< 10		mg/l
Duration of exposure	24	h	

**Daphnia toxicity (Components)****sodium hypochlorite, solution (Cl active)**

Species	Daphnia magna		
EC50	0.141		mg/l
Duration of exposure	48	h	

**sodium hydroxide**

Species	Daphnia		
EC50	40.38		mg/l
Duration of exposure	48	h	
Remarks	Immobilization		

**sodium hydroxide**

Species	Daphnia magna		
EC50	76		mg/l
Duration of exposure	24	h	

**sodium hydroxide**

Species	Ceriodaphnia dubia		
EC50	40.4		mg/l
Duration of exposure	48	h	

**Algae toxicity (Components)****sodium hypochlorite, solution (Cl active)**

NOEC	0.0021		
Duration of exposure	7	d	

**sodium hydroxide**

Remarks	No data available.
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**Bacteria toxicity (Components)****sodium hypochlorite, solution (Cl active)**

Species	activated sludge		
EC50	> 3		mg/l
Duration of exposure	3	h	

**sodium hydroxide**

Species	Photobacterium phosphoreum		
EC50	22		mg/l
Duration of exposure	15	min	

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## 12.2. Persistence and degradability

### Physico-chemical eliminability (Components)

#### sodium hydroxide

Remarks No data available.

### Biodegradability

evaluation not degradable

### Biodegradability (Components)

#### sodium hypochlorite, solution (Cl active)

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

#### sodium hydroxide

evaluation not degradable

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

### Ready degradability (Components)

#### sodium hydroxide

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

## 12.3. Bioaccumulative potential

### General information

Not applicable

### Partition coefficient n-octanol/water (log value)

log Pow -3.42  
Temperature 20 °C

### Octanol/water partition coefficient (log Pow) (Components)

#### sodium hypochlorite, solution (Cl active)

log Pow -3.42  
Temperature 20 °C

## 12.4. Mobility in soil

### Mobility in soil

Highly mobile in soils

### Mobility in soil (Components)

#### sodium hypochlorite, solution (Cl active)

Highly mobile in soils

#### sodium hydroxide

Slightly mobile in soils

## 12.5. Results of PBT and vPvB assessment

### General information

No data available

### 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-

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target organisms.

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

Toxic for aquatic organisms. Do not allow it to reach ground water, water bodies or sewage system.  
 Hazard for drinking water supplies.







**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
<b>14.1. UN number or ID number</b>	1791	1791	1791
<b>14.2. UN proper shipping name</b>	HYPOCHLORITE SOLUTION, (sodium hypochlorite, solution (Cl active), sodium hydroxide)	HYPOCHLORITE SOLUTION, (sodium hypochlorite, solution (Cl active), sodium hydroxide)	HYPOCHLORITE SOLUTION, (sodium hypochlorite, solution (Cl active), sodium hydroxide)
<b>14.3. Transport hazard class(es)</b>	8	8	8
Label			
<b>14.4. Packing group</b>	II	II	II
Limited Quantity	1 I	1 I	
Transport category	2		
<b>14.5. Environmental hazards</b>	 ENVIRONMENTALLY HAZARDOUS	Marine Pollutant  ENVIRONMENTALLY HAZARDOUS	 ENVIRONMENTALLY HAZARDOUS
Tunnel restriction code	E		

**SECTION 15: Regulatory information**

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## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

### Water Hazard Class (Germany)

Water Hazard Class  
(Germany)

WGK 2

Remarks

Derivation of WGK according to Annex 1 No. 5.2 AwSV

### Other information

The product does not contain substances according to Candidate List for inclusion in Annex XIV of Regulation (EC) No. 1907/2006 (REACH) with a content of  $\geq 0.1\%$  w/w.

## SECTION 16: Other information

### Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

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

Met. Corr. 1	H290	On basis of test data
Skin Corr. 1	H314	Calculation method
Eye Dam. 1	H318	Calculation method
Aquatic Acute 1	H400	Calculation method
Aquatic Chronic 2	H411	Calculation method

### Hazard statements listed in Chapter 2/3

H290	May be corrosive to metals.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.

### CLP categories listed in Chapter 2/3

Aquatic Acute 1	Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1	Hazardous to the aquatic environment, chronic, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment, chronic, Category 2
Eye Dam. 1	Serious eye damage, Category 1
Met. Corr. 1	Substance or mixture corrosive to metals, Category 1
Skin Corr. 1	Skin corrosion, Category 1
Skin Corr. 1A	Skin corrosion, Category 1A
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.