



Trade name: Natronlauge 1,0 N

Substance number: 182125

Version: 1 / CH

Date revised: 11.05.12

Replaces Version: - / CH

Date of printing: 11.05.12

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Natronlauge 1,0 N

Item-No.

18212500

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

2. Hazards identification

2.1. Classification of the substance or mixture

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

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

Skin Corr. 1B

H314

Classification in accordance with EC directives

Classification

C, R34

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal Word

Danger

Hazard statements

H314

Causes severe skin burns and eye damage.

Precautionary statements

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331

IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P305+P351+P338

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P309+P311

IF exposed or if you feel unwell: CALL a POISON CENTER or doctor/physician.



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Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product is classified and labelled in accordance with EC directives/the relevant national laws.

Hazard symbols

Corrosive

R phrases

34 Causes burns.

S phrases

26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Hazardous component(s) to be indicated on label

contains Sodium hydroxide

3. Composition/information on ingredients**Chemical characterization**

Alcoholic solution

Hazardous ingredients**Sodium hydroxide**

CAS No. 1310-73-2

EINECS no. 215-185-5

Concentration ≥ 1 < 10 %

Classification C, R35

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

Skin Corr. 1A H314

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

Eye Irrit. 2 H319 $\leq 0,5 < 2$ Skin Corr. 1B H314 $\leq 2 < 5$ Skin Irrit. 2 H315 $\leq 0,5 < 2$ Skin Corr. 1A H314 ≥ 5 **4. First aid measures****4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. Summon a doctor immediately.

After skin contact

In case of contact with skin wash off immediately with plenty of water. Remove contaminated, soaked clothing immediately and dispose of safely. Summon a doctor immediately.

After eye contact

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



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a doctor immediately.

After ingestion

Let plenty of water be drunk in small gulps. Do NOT induce vomiting. No trials on neutralisation.
Summon a doctor immediately.

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

Chemical burn, Coughing, Shortness of breath, Death, Danger of blindness.

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

Extinguishing measures to suit surroundings

5.2. Special hazards arising from the substance or mixture

The product is not combustible. In case of combustion evolution of dangerous gases possible.

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

Use self-contained breathing apparatus. Wear protective clothing.

Other information

Do not discharge into surface waters/groundwater.

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

Do not inhale vapours. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

6.2. Environmental precautions

Do not allow to enter drains.

6.3. Methods and material for containment and cleaning up

Pick up rest with suitable absorbent materials. Send in suitable containers for recovery or disposal.
Clean up affected area.

6.4. Reference to other sections

Information regarding Waste Disposal, see chapter 13.

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

Observe safety references and application instructions mentioned on can.

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

Value 15 - 25 °C

Requirements for storage rooms and vessels

Do not use aluminium containers. Do not use zinc containers.

VCI storage category

VCI storage category 8B Non-combustible corrosive substances

Further information on storage conditions

Keep container tightly closed.



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8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Sodium hydroxide

List	SUVA		
Type	MAK		
Value	2	mg/m ³	
Short term exposure limit	2	mg/m ³	
Maximum limit value: 15 min; Pregnancy group: C; Status: 2005;			

8.2. Exposure controls

General protective and hygiene measures

Remove contaminated, soaked clothing immediately and dispose of safely. Preventative skin protection.
Wash hands and face after work.

Respiratory protection

Breathing apparatus in the event of aerosol or mist formation. Breathing apparatus in the event of vapours. Particle filter P2

Hand protection

Gloves			
Appropriate Material	nitrile rubber - NBR		
Material thickness	0.11	mm	
Penetrating time	> 480	min	

Eye protection

Tightly fitting safety glasses

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	liquid		
Colour	colourless		
Odour	odourless		
pH			
Value	appr. 13.7		
Temperature	20	°C	
Melting point			
Remarks	No data available		
Boiling point			
Remarks	No data available		
Flash point			
Remarks	No data available		
Flammability			
Not applicable			
Density			
Value	1.04		g/cm ³
Temperature	20	°C	
Solubility in water			
Temperature	20	°C	
Remarks	soluble		



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9.2. Other information

Other information

The product is not dangerous for explosions.

10. Stability and reactivity

10.5. Incompatible materials

Risk of explosion with: Metals, Reactions with light metals, with evolution of hydrogen. Reacts violently with: Reactions with earth alkali metals. Reaction with ammonium compounds, cyanide, Magnesium, combustible substances, organic substances, Phenols, Acids, Avoid contact with oxidizing substances. Incompatible with: Aluminium, Corrodes copper and brass. Metals, Zinc

10.6. Hazardous decomposition products

Toxic gases/vapours

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Remarks Quantitative data concerning toxicity are not available.

Serious eye damage/irritation

Remarks Influence of the product with the eyes can lead to blindness.

Experience in practice

collapse

Other information

Causes burns.
Observe the usual precautions for handling chemicals.

12. Ecological information

12.1. Toxicity

Fish toxicity

Remarks No data available.

12.2. Persistence and degradability

Biodegradability

Remarks No data available.

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.

14. Transport information

Land transport ADR/RID

14.1. UN number

UN 1824



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14.2. UN proper shipping name

SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

Class 8

Label 8

14.4. Packing group

Packing group II

Marine transport IMDG/GGVSee**14.1. UN number**

UN 1824

14.2. UN proper shipping name

SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

Class 8

14.4. Packing group

Packing group II

14.5. Environmental hazards

no

Air transport ICAO/IATA**14.1. UN number**

UN 1824

14.2. UN proper shipping name

SODIUM HYDROXIDE SOLUTION

14.3. Transport hazard class(es)

Class 8

14.4. Packing group

Packing group II

15. Regulatory information**15.2. Chemical safety assessment**

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

16. Other information**R-phrases listed in chapter 3**

35 Causes severe burns.

Hazard statements listed in chapter 3

H314 Causes severe skin burns and eye damage.

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.