

Trade name: Naphazolini nitratis solutio 0,1%

Substance number: 182000

Version: 1 / CH

Date revised: 15.06.2016

Replaces Version: - / CH

Print date: 15.06.16

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

1.1. Product identifier

Naphazolini nitratis solutio 0,1%

Item No. 18200000

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

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.

SECTION 3: Composition/information on ingredients

Further ingredients

Water

CAS No. 7732-18-5

EINECS no. 231-791-2

Concentration >= 95 %

Advice: [4]

sodium chloride

CAS No. 7647-14-5

EINECS no. 231-598-3

Concentration < 1 %

Advice: [4]

disodium hydrogenorthophosphate, dihydrate

CAS No. 10028-24-7

EINECS no. 231-448-7

Registration no. 01-2119489797-11

Concentration < 1 %

Trade name: Naphazolini nitratis solutio 0,1%

Substance number: 182000

Version: 1 / CH

Date revised: 15.06.2016

Replaces Version: - / CH

Print date: 15.06.16

Advice: [4]

Sodiumdihydrogenphosphate, dihydrate

CAS No. 13472-35-0

EINECS no. 231-449-2

Registration no. 01-2119489796-13-XXXX

Concentration < 1 %

Advice: [4]

Naphazoline nitrate

CAS No. 5144-52-5

EINECS no. 225-915-4

Concentration < 1 %

Advice: [4]

Classification Xn, R22

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

Acute Tox. 4 H302

Benzalkonium chloride

CAS No. 8001-54-5

Concentration < 1 %

Advice: [4]

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

Acute Tox. 4 H302

Acute Tox. 4 H312

Skin Corr. 1B H314

Acute Tox. 4 H332

Advice:

[4] Voluntary information

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

Trade name: Naphazolini nitratis solutio 0,1%

Substance number: 182000

Version: 1 / CH

Date revised: 15.06.2016

Replaces Version: - / CH

Print date: 15.06.16

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**

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

5.2. Special hazards arising from the substance or mixture

None known

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

Use personal protective clothing.

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**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.

Further information on storage conditions

Keep container tightly closed and dry.

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

Trade name: Naphazolini nitratis solutio 0,1%

Substance number: 182000

Version: 1 / CH

Date revised: 15.06.2016

Replaces Version: - / CH

Print date: 15.06.16

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**

Form	liquid
Colour	colourless, clear
Odour	odourless
Odour threshold	
Remarks	not determined
pH value	
Value	6.8 to 7.4
Melting point	
Remarks	not determined
Freezing point	
Remarks	not determined
Initial boiling point and boiling range	
Value	appr. 100 °C
Source	Estimated value
Flash point	
Remarks	Not applicable
Evaporation rate (ether = 1) :	
Remarks	not determined
Flammability (solid, gas)	
Remarks	not determined
Upper/lower flammability or explosive limits	
Remarks	not determined
Vapour pressure	
Remarks	Not applicable
Vapour density	
Remarks	not determined
Density	
Remarks	not determined

Trade name: Naphazolini nitratis solutio 0,1%

Substance number: 182000

Version: 1 / CH

Date revised: 15.06.2016

Replaces Version: - / CH

Print date: 15.06.16

Solubility in water

Remarks not determined

Solubility(ies)

Remarks not determined

Partition coefficient: n-octanol/water

Remarks not determined

Ignition temperature

Remarks not determined

Decomposition temperature

Remarks not determined

Viscosity

Remarks not determined

Explosive properties

evaluation not determined

Oxidising properties

Remarks not determined

9.2. Other information**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

No hazardous reactions known.

10.4. Conditions to avoid

No hazardous reactions known.

Decomposition temperature

Remarks not determined

10.5. Incompatible materials

None known

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute oral toxicity**

Remarks not determined

Acute oral toxicity (Components)**Naphazoline nitrate**

Species mouse

LD50 265

mg/kg

Naphazoline nitrate

Trade name: Naphazolini nitratis solutio 0,1%

Substance number: 182000

Version: 1 / CH

Date revised: 15.06.2016

Replaces Version: - / CH

Print date: 15.06.16

Species	rat		
LD50		1260	mg/kg

sodium chloride

Species	rat		
LD50		3550	mg/kg

disodium hydrogenorthophosphate, dihydrate

Species	rat		
LD50		17000	mg/kg

Sodiumdihydrogenphosphate, dihydrate

Species	rat		
LD50		7100	mg/kg

Acute dermal toxicity

Remarks not determined

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

Species	rabbit		
LD50	>	10000	mg/kg

Sodiumdihydrogenphosphate, dihydrate

Species	rabbit		
LD50	>	7940	mg/kg

Acute inhalational toxicity

Remarks not determined

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

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

Skin corrosion/irritation

Remarks not determined

Serious eye damage/irritation

Remarks not determined

Sensitization

Remarks not determined

Sensitization (Components)**Naphazoline nitrate**

evaluation non-sensitizing

Subacute, subchronic, chronic toxicity

Remarks not determined

Mutagenicity

Remarks not determined

Reproductive toxicity

Remarks not determined

Carcinogenicity

Remarks not determined

Other information

No toxicological data are available.

Trade name: Naphazolini nitratis solutio 0,1%

Substance number: 182000

Version: 1 / CH

Date revised: 15.06.2016

Replaces Version: - / CH

Print date: 15.06.16

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	

disodium hydrogenorthophosphate, dihydrate

Species	Gambusia affinis		
LC50	467		mg/l
Duration of exposure	48	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	

disodium hydrogenorthophosphate, dihydrate

Species	Daphnia magna		
EC50	1089		mg/l
Duration of exposure	48	h	

Algae toxicity (Components)

disodium hydrogenorthophosphate, dihydrate

Species	Desmodesmus subspicatus		
	> 100		mg/l
Duration of exposure	72	h	

12.2. Persistence and degradability

General information

not determined

12.3. Bioaccumulative potential

General information

not determined

Partition coefficient: n-octanol/water

Remarks not determined

12.4. Mobility in soil

General information

not determined

12.5. Results of PBT and vPvB assessment

General information

not determined

Trade name: Naphazolini nitratis solutio 0,1%

Substance number: 182000

Version: 1 / CH

Date revised: 15.06.2016

Replaces Version: - / CH

Print date: 15.06.16

12.6. 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

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 WGK 3

(Germany)

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

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.