

Trade name: Natrii cyclamas

Substance number: 066080

Version: 3 / CH

Date revised: 01.11.2021

Replaces Version: 2 / CH

Print date: 01.11.21

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

### **1.1. Product identifier**

Natrii cyclamas

Item No. 06608000

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

E-No. 952

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

#### **Use of the substance/preparation**

food additive, Manufacture of pharmaceutical products

### **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 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.

## **SECTION 3: Composition/information on ingredients**

### **Further ingredients**

#### **sodium cyclamate**

CAS No. 139-05-9

EINECS no. 205-348-9

Registration no. EXCEMPT

Concentration &gt;= 95 %

Advice: [4]

#### **Note**

[4] Voluntary information

## **SECTION 4: First aid measures**

### **4.1. Description of first aid measures**

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**General information**

Remove contaminated, soaked clothing immediately and dispose of safely. Adhere to personal protective measures when giving first aid

**After inhalation**

Ensure supply of fresh air. Summon a doctor immediately. If the patient is likely to become unconscious, place and transport in stable sideways position.

**After skin contact**

After contact with skin, wash immediately with plenty of water. Consult a doctor if skin irritation persists.

**After eye contact**

Separate eyelids, wash the eyes thoroughly with water (15 min.). By continuous complaints consult a physician.

**After ingestion**

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Summon a doctor immediately.

**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**

In the event of fire the following can be released: Development of toxic gases; Carbon monoxide (CO); Carbon dioxide (CO<sub>2</sub>)

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

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

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

Ensure adequate ventilation. Avoid dust formation. Do not inhale dust. Avoid contact with eyes and skin. Wear protective equipment. Keep away unprotected persons.

**6.2. Environmental precautions**

Do not discharge into the drains/surface waters/groundwater.

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

Pick up mechanically. Dispose of absorbed material in accordance with the regulations. When picked up, treat material as prescribed under Section 13 "Disposal".

**6.4. Reference to other sections**

Information regarding Safe handling, see Section 7. Information regarding personal protective measures, see Section 8. Information regarding waste disposal, see Section 13.

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

Observe the usual precautions for handling chemicals. Provide good ventilation of working area (local exhaust ventilation if necessary). Avoid dust formation.

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## 7.2. Conditions for safe storage, including any incompatibilities

### Recommended storage temperature

|       |    |   |    |    |
|-------|----|---|----|----|
| Value | 15 | - | 25 | °C |
|-------|----|---|----|----|

### Hints on storage assembly

Do not store together with foodstuffs.

### Storage classes

|                                     |    |   |
|-------------------------------------|----|---|
| Storage class according to TRGS 510 | 13 | Non- combustible solids   |
| Storage category (Switzerland)      | NG | Other solid hazardous substances without classification/labelling hazardous |

### Further information on storage conditions

Protect from light. Store in a dry place

## SECTION 8: Exposure controls/personal protection

### 8.2. Exposure controls

#### General protective and hygiene measures

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. Do not breathe dust. Avoid contact with skin and eyes.

#### Respiratory protection

Dust mask

#### Hand protection

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.

|                      |                      |     |    |
|----------------------|----------------------|-----|----|
| Appropriate Material | nitrile rubber - NBR |     |    |
| Material thickness   | >=                   | 0.1 | mm |
| Breakthrough time    | >=                   | 6   | h  |

#### Eye protection

Tightly fitting 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

|             |                    |
|-------------|--------------------|
| <b>Form</b> | Crystalline powder |
|-------------|--------------------|

|               |       |
|---------------|-------|
| <b>Colour</b> | white |
|---------------|-------|

|              |           |
|--------------|-----------|
| <b>Odour</b> | odourless |
|--------------|-----------|

#### Odour threshold

|         |                |
|---------|----------------|
| Remarks | not determined |
|---------|----------------|

#### pH value

|                                |     |    |     |
|--------------------------------|-----|----|-----|
| Value                          | 5.5 | to | 7.5 |
| Concentration/H <sub>2</sub> O | 10  | %  |     |
| Temperature                    | 20  | °C |     |

#### Melting point

|       |     |    |
|-------|-----|----|
| Value | 265 | °C |
|-------|-----|----|

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**Initial boiling point and boiling range**

Remarks not determined

**Flash point**

Value °C

Remarks Not applicable

**Flammability (solid, gas)**

non flammable

**Vapour pressure**

Remarks Not applicable

**Density**

Remarks not determined

**Solubility in water**

Value 200 g/l

Temperature 20 °C

Remarks easily soluble

**Solubility(ies)**Diethyl ether  
Remarks insolubleBenzene  
Remarks insoluble**Partition coefficient: n-octanol/water**

log Pow -2.63

**Decomposition temperature**

Remarks No decomposition if used as prescribed.

**Viscosity****dynamic**

Remarks Not applicable

**kinematic**

Remarks Not applicable

**Explosive properties**

evaluation no

**Oxidising properties**

evaluation None known

**9.2. Other information****Bulk density**

Value 0.6 to 0.7 kg/l

Temperature 20 °C

**Solids content**

Value 100.0 %

**Other information**

The product is not dangerous for explosions.

**SECTION 10: Stability and reactivity****10.1. Reactivity**

None known

**10.2. Chemical stability**

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No decomposition if stored and applied as directed.

**10.3. Possibility of hazardous reactions**

No hazardous reactions known.

**10.4. Conditions to avoid**

Avoid dust formation.

**10.5. Incompatible materials**

Strong oxidising agents, Acids, Nitrites

**10.6. Hazardous decomposition products**

In the event of fire the following can be released: Carbon monoxide and carbon dioxide

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

Remarks No data available.

**Skin corrosion/irritation**

Method OECD 404  
Remarks No effect of irritation known.

**Serious eye damage/irritation**

Method OECD 405  
Remarks No effect of irritation known

**Sensitization**

Remarks No sensitisation effect known.

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

Remarks No data available.

**Daphnia toxicity**

Remarks No data available.

**12.2. Persistence and degradability****Biodegradability**

Remarks No data available.

**12.3. Bioaccumulative potential****Partition coefficient: n-octanol/water**

log Pow -2.63

**12.4. Mobility in soil****General information**

not determined

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

not determined

**12.6. Other adverse effects**

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**General information / ecology**

Product is slightly hazardous to water. Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

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

EWC waste code

No not dispose with rubbish.

EWC waste code

Should not be released into the sanitary sewer system.

**Disposal recommendations for packaging**

Disposal in compliance with local and national regulations.

**SECTION 14: Transport information**

|                        | Land transport ADR/RID   | Marine transport IMDG/GGVSee  | Air transport ICAO/IATA   |
|------------------------|--|---|---|
| <b>14.1. UN number</b> | The product does not constitute a hazardous substance in land transport. | The product does not constitute a hazardous substance in sea transport. | 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

Derivation of WGK according to Annex 1 No. 5.2 AwSV

**15.2. Chemical safety assessment**

For this substance 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.