



Trade name: Natrii silicas neutralis pulvis

Substance number: 066535

Version: 2 / CH

Date revised: 14.08.12

Replaces Version: 1 / CH

Date of printing: 14.08.12

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

### 1.1. Product identifier

Natrii silicas neutralis pulvis

Item-No. 06653500

### 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)

|               |      |
|---------------|------|
| Acute Tox. 4  | H302 |
| Skin Irrit. 2 | H315 |
| Eye Dam. 1    | H318 |
| STOT SE 1     | H335 |

#### Classification in accordance with EC directives

Classification Xi, R36/37/38

### 2.2. Label elements

#### Labelling according to regulation (EC) No 1272/2008

#### Hazard pictograms



#### Signal Word

Danger

#### Hazard statements

|      |                                   |
|------|-----------------------------------|
| H302 | Harmful if swallowed.             |
| H315 | Causes skin irritation.           |
| H318 | Causes serious eye damage.        |
| H335 | May cause respiratory irritation. |

#### Precautionary statements



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P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**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**

Irritant

**R phrases**

36/37/38

Irritating to eyes, respiratory system and skin.

**S phrases**

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

**3. Composition/information on ingredients****Molecular weight**

|       |        |       |
|-------|--------|-------|
| Value | 242.23 | g/mol |
|-------|--------|-------|

**Hazardous ingredients****Silicic acid, sodium salt**

|                |               |    |    |   |
|----------------|---------------|----|----|---|
| CAS No.        | 1344-09-8     |    |    |   |
| EINECS no.     | 215-687-4     |    |    |   |
| Concentration  |               | >= | 50 | % |
| Classification | Xi, R36/37/38 |    |    |   |

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

|               |      |
|---------------|------|
| Acute Tox. 4  | H302 |
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| STOT SE 1     | H335 |

**4. First aid measures****4.1. Description of first aid measures****After inhalation**

Remove the casualty into fresh air and keep him calm. Irregular breathing/no breathing: artificial respiration. Seek medical advice immediately.

**After skin contact**

Wash off immediately with soap and water and rinse well.

**After eye contact**

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

**After ingestion**

Never give anything by mouth to an unconscious person. Summon a doctor immediately. Rinse mouth



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thoroughly with water.

## **5. Firefighting measures**

### **5.1. Extinguishing media**

#### **Suitable extinguishing media**

Water spray jet, Carbon dioxide, Dry chemical extinguisher, Alcohol-resistant foam

### **5.2. Special hazards arising from the substance or mixture**

Silicon dioxide

### **5.3. Advice for firefighters**

#### **Special protective equipment for fire-fighting**

Use self-contained breathing apparatus. Use personal protective clothing.

## **6. Accidental release measures**

### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Avoid dust formation. Do not inhale dust. Do not inhale vapours. Ensure adequate ventilation. Remove persons to safety.

### **6.2. Environmental precautions**

Do not allow to enter drains.

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

Pick up mechanically. Avoid raising dust. Clean up affected area. Provide adequate ventilation. When picked up, treat material as prescribed under heading "Disposal".

### **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**

Avoid contact with skin and eyes. Avoid formation of aerosols. Avoid dust formation.

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

#### **Further information on storage conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Product is hygroscopic.

## **8. Exposure controls/personal protection**

### **8.2. Exposure controls**

#### **General protective and hygiene measures**

Observe the usual precautions when handling chemicals. Wash hands and face before breaks and after work.

#### **Respiratory protection**

Full mask

#### **Hand protection**

Gloves

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



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location.

**Eye protection**

Safety glasses; Face shield

**Body protection**

Clothing as usual in the chemical industry.

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

|                            |                   |
|----------------------------|-------------------|
| <b>Form</b>                | Powder            |
| <b>Colour</b>              | white             |
| <b>pH</b>                  |                   |
| Remarks                    | No data available |
| <b>Melting point</b>       |                   |
| Remarks                    | No data available |
| <b>Boiling point</b>       |                   |
| Remarks                    | No data available |
| <b>Flash point</b>         |                   |
| Remarks                    | No data available |
| <b>Vapour pressure</b>     |                   |
| Remarks                    | No data available |
| <b>Density</b>             |                   |
| Remarks                    | No data available |
| <b>Solubility in water</b> |                   |
| Remarks                    | No data available |

**10. Stability and reactivity****10.5. Incompatible materials**

Reactions with strong acids. Metals

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

Remarks No data available.

**Acute inhalational toxicity**

Remarks No data available.

**Skin corrosion/irritation**

Remarks No data available.

**Serious eye damage/irritation**

Remarks No data available.

**Sensitization**

Remarks No data available.

**Mutagenicity**

Remarks No data available.

**Reproduction toxicity**



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Remarks No data available.

**Carcinogenicity**

|           |                     |
|-----------|---------------------|
| Species   | Human               |
| valuation | No negative effects |
| Source    | IARC                |

**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.

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

In accordance with regulations for special waste, must be taken to an authorised special waste disposal site or incineration plant.

**Disposal recommendations for packaging**

Dispose of as unused product.

**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.

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

36/37/38 Irritating to eyes, respiratory system and skin.

**Hazard statements listed in chapter 3**

|      |                                   |
|------|-----------------------------------|
| H302 | Harmful if swallowed.             |
| H315 | Causes skin irritation.           |
| H318 | Causes serious eye damage.        |
| H335 | May cause respiratory irritation. |

**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



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guarantee for any specific product properties and shall not establish a legally valid relationship.