

Trade name: Terra silicea pura ad us.inter.

Substance number: 068184

Version: 5 / CH

Date revised: 21.08.2023

Replaces Version: 4 / CH

Print date: 21.08.23

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

### **1.1. Product identifier**

Terra silicea pura ad us.inter.

Item No. 06818400

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

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

Manufacture of pharmaceutical products, Manufacture of cosmetics

### **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**

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

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

STOT RE 1 H372

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**



##### **Signal word**

Danger

##### **Hazard statements**

H372 Causes damage to organs through prolonged or repeated exposure.

##### **Precautionary statements**

P260 Do not breathe dust/fume/gas/mist/vapours/spray.  
P264.1 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke when using this product.  
P314 Get medical advice/attention if you feel unwell.  
P501.3 Disposal in compliance with local and national regulations.

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

contains Kieselguhr, soda ash flux-calcined

**2.3. Other hazards**

The Substance does not meet PBT-criteria. This substance does not meet the vPvB-criteria. This substance does not have endocrine disrupting properties with respect to humans. This substance does not have endocrine disrupting properties with respect to non-target organisms.

**SECTION 3: Composition/information on ingredients****Hazardous ingredients****Kieselguhr, soda ash flux-calcined**

CAS No. 68855-54-9

EINECS no. 272-489-0

Registration no. 01-2119488518-22-XXXX

Concentration  $\geq$  50 %

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

STOT RE 2 H373

Lungs; Route of exposure:  
inhalative

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

STOT RE 2 H373  $\geq$  1 < 10 %STOT RE 1 H372  $\geq$  10 %**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

In any case show the physician the Safety Data Sheet.

**After inhalation**

Ensure supply of fresh air. Take medical treatment.

**After skin contact**

Remove contaminated, soaked clothing immediately and dispose of safely. After contact with skin, wash immediately with plenty of water.

**After eye contact**

Remove contact lenses. Separate eyelids, wash the eyes thoroughly with water (15 min.).

**After ingestion**

If swallowed, rinse mouth with water (only if the person is conscious). Drink water in small gulps. Take medical treatment.

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

Pneumokoniose (Silikose)

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**Extinguishing measures to suit surroundings, recommended: alcohol resistant foam, CO<sub>2</sub>, powders, water spray/mist**Non suitable extinguishing media**

not applicable

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

The product is not combustible. If a fire breaks out nearby evolution of dangerous gases possible.

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

Use self-contained breathing apparatus.

**Other information**

Do not discharge into surface waters/groundwater.

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

Avoid dust formation. Avoid breathing dust. Ensure adequate ventilation. Refer to protective measures listed in Sections 7 and 8.

**6.2. Environmental precautions**

Do not empty into drains.

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

To pick up dry. For small amounts: take up with appropriate instrument and dispose. Clean up affected area. Avoid raising dust.

**6.4. Reference to other sections**

Information regarding waste disposal, see Section 13.

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

Observe safety references and application instructions mentioned on can. Avoid contact with skin, eyes and clothing.

**7.2. Conditions for safe storage, including any incompatibilities****Storage classes**

Storage class according to TRGS 510	6.1D	Non-combustible substances of acute toxicity, category 3 / hazardous substances that are toxic or produce chronic effects
Storage category (Switzerland)	6.1	

Toxic substances

**Further information on storage conditions**

Keep container tightly closed and dry.

**7.3. Specific end use(s)**

Manufacture of cosmetics; Manufacture of pharmaceutical products

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limit values****Kieselguhr, soda ash flux-calcined**

List	SUVA
Type	MAK

Remarks: LungenfibKT AN

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## 8.2. Exposure controls

### Respiratory protection

Breathing apparatus in the event of aerosol. Particle filter P2

### 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.

Use	Permanent hand contact
Appropriate Material	nitrile rubber - NBR
Material thickness	0.11 mm
Breakthrough time	> 480 min

### Eye protection

Safety glasses

### Body protection

Protective clothing

### Environmental exposure controls

Do not allow to enter drains or water courses.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Physical state</b>	solid
<b>Colour</b>	white
<b>Odour</b>	odourless
<b>Melting point</b>	
Value	> 450 °C
Method	OECD 102
<b>Flash point</b>	
Value	°C
Remarks	Not applicable
<b>Ignition temperature</b>	
Remarks	non flammable
<b>pH value</b>	
Value	appr. 10
Concentration/H <sub>2</sub> O	100 g/l
Temperature	20 °C
<b>Vapour pressure</b>	
Remarks	No data available
<b>Density and/or relative density</b>	
Value	2.36 g/cm <sup>3</sup>
Temperature	20 °C

### 9.2. Other information

#### Solubility in water

Value	0.0037 g/l
Temperature	20 °C
Method	OECD 105

#### Bulk density

Value	300 kg/m <sup>3</sup>
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## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

None known

### **10.2. Chemical stability**

Stable under recommended storage and handling conditions (see section 7).

### **10.3. Possibility of hazardous reactions**

No hazardous reactions known.

### **10.4. Conditions to avoid**

No decomposition if stored and applied as directed.

### **10.5. Incompatible materials**

None known

### **10.6. Hazardous decomposition products**

None known

## **SECTION 11: Toxicological information**

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

#### **Acute oral toxicity (Components)**

##### **Kieselguhr, soda ash flux-calcined**

Species	rat	
LD50	> 2000	mg/kg
Method	OECD 401	

#### **Acute inhalative toxicity (Components)**

##### **Kieselguhr, soda ash flux-calcined**

Species	rat	
LC50	> 2.6	mg/l
Method	OECD 403	

#### **Skin corrosion/irritation (Components)**

##### **Kieselguhr, soda ash flux-calcined**

Duration of exposure	4	h
evaluation	non-irritant	
Method	OECD 431	

#### **Serious eye damage/irritation (Components)**

##### **Kieselguhr, soda ash flux-calcined**

Species	rabbit
evaluation	non-irritant
Method	OECD 405

#### **Sensitization (Components)**

##### **Kieselguhr, soda ash flux-calcined**

Species	mouse
evaluation	non-sensitizing
Method	OECD 429

#### **Mutagenicity (Components)**

##### **Kieselguhr, soda ash flux-calcined**

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

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**Reproduction toxicity (Components)****Kieselguhr, soda ash flux-calcined**

Remarks No data available.

**Carcinogenicity (Components)****Kieselguhr, soda ash flux-calcined**

Remarks No data available.

**Specific Target Organ Toxicity (STOT) (Components)****Kieselguhr, soda ash flux-calcined****Single exposure**

Remarks No data available.

**11.2 Information on other hazards****Endocrine disrupting properties with respect to humans**

This substance does not have endocrine disrupting properties with respect to humans.

**Experience in practice**

Can cause silicosis.

**SECTION 12: Ecological information****12.1. Toxicity****General information**

There is no data available on the product apart from the information given in this subsection.

**Fish toxicity (Components)****Kieselguhr, soda ash flux-calcined**Species rainbow trout (*Oncorhynchus mykiss*)

LC50 &gt;= 50 mg/l

Duration of exposure 96 h

Method OECD 203

Remarks The product was tested above its maximum solubility.

**Daphnia toxicity (Components)****Kieselguhr, soda ash flux-calcined**Species *Daphnia magna*

EC50 &gt;= 50 mg/l

Duration of exposure 48 h

Method OECD 201

Remarks The product was tested above its maximum solubility.

**Algae toxicity (Components)****Kieselguhr, soda ash flux-calcined**Species *Desmodesmus subspicatus*

ErC50 &gt;= 50 mg/l

Duration of exposure 72 h

Method OECD 201

Remarks The product was tested above its maximum solubility.

**Bacteria toxicity (Components)****Kieselguhr, soda ash flux-calcined**

Species activated sludge

&gt; 1000 mg/l

Duration of exposure 3 h

Method OECD 209



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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 is not required.

**SECTION 16: Other information****Hazard statements listed in Chapter 3**

H372

Causes damage to organs through prolonged or repeated exposure.

H373

May cause damage to organs through prolonged or repeated exposure.

**CLP categories listed in Chapter 3**

STOT RE 1

Specific target organ toxicity - repeated exposure, Category 1

STOT RE 2

Specific target organ toxicity - repeated exposure, Category 2

**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.