

Trade name: Terra silicea pura ad us.inter.

Substance number: 068184

Version: 4 / CH

Date revised: 14.06.2021

Replaces Version: 3 / CH

Print date: 14.06.21

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

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 ≥ 10 %**SECTION 4: First aid measures****4.1. Description of first aid measures****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

Non suitable extinguishing media

not applicable

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.

SECTION 6: Accidental release measures

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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

No special measures required.

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
Toxic substances

Storage category (Switzerland) 6.1

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	
Value	0,3	mg/m ³
Remarks: LungenfibKT AN		

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

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Breakthrough time > 480 min

Eye protection

Safety glasses

Body protection

Protective clothing

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties****Form** solid**Colour** white**Odour** odourless**pH value**

Value	appr.	10	
Concentration/H ₂ O		100	g/l
Temperature		20	°C

Melting point

Value	>	450	°C
Method	OECD 102		

Flash point

Value	°C
Remarks	Not applicable

Vapour pressure

Remarks	No data available
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Density

Value	2.36	g/cm ³
Temperature	20	°C

Solubility in water

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

Ignition temperature

Remarks	non flammable
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9.2. Other information**Bulk density**

Value	300	kg/m ³
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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.

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10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

None known

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

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

Single exposure	
evaluation	Causes damage to organs. Route of exposure inhalative
Source	Pneumokoniose (Silikose)

Experience in practice

Can cause silicosis.

SECTION 12: Ecological information

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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 (<i>Oncorhynchus mykiss</i>)		
LC50	>=	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	>=	50	mg/l
Duration of exposure	48	h	
Method	OECD 202		
Remarks	The product was tested above its maximum solubility.		

Algae toxicity (Components)

Kieselguhr, soda ash flux-calcined

Species	Desmodesmus subspicatus		
ErC50	>=	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		
	>	1000	mg/l
Duration of exposure	3	h	
Method	OECD 209		
Remarks	The product was tested above its maximum solubility.		

12.2. Persistence and degradability

General information

No data available

Biodegradability (Components)

Kieselguhr, soda ash flux-calcined

Remarks	Inorganic product, cannot be eliminated from the water by biological purification processes.
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12.3. Bioaccumulative potential

General information

No data available

12.4. Mobility in soil

General information

No data available

12.5. Results of PBT and vPvB assessment

General information

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not determined

SECTION 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.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	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 (Germany) WGK 3

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**

H373 May cause damage to organs through prolonged or repeated exposure.

CLP categories listed in Chapter 3

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.