



Trade name: Syloid 244 FP / Pharmaton

Substance number: 067670

Version: 1 / CH

Date revised: 29.04.08

Replaces Version: - / CH

Date of printing: 25.09.12

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

1.1. Product identifier

Syloid 244 FP / Pharmaton

Item-No. 06767000

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

2.2. Label elements

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

S phrases

29 Do not empty into drains.

2.3. Other hazards

The product does not require a hazard warning label in accordance with Directive 67/548/EC

3. Composition/information on ingredients

Substance / product identification

CAS-Nr. 7631-86-9

EINECS-Nr. 231-545-4

Chemical characterization

Single substance

4. First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air. In the event of symptoms take medical treatment.

After skin contact

In general the product isn't skin irritating. Wash immediately with plenty of water for several minutes.

After eye contact

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



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After ingestion

By continuous complaints consult a physician.

5. Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Extinguishing measures to suit surroundings

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

Use personal protective clothing.

Other information

Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

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

Use personal protective clothing. Avoid dust formation.

6.2. Environmental precautions

Knock down dust with water spray jet.

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Avoid raising dust.

6.4. Reference to other sections

Information regarding Safe handling, see chapter 7. Information regarding personal protective measures see, chapter 8. Information regarding Waste Disposal, see chapter 13. Dangerous substances are not released.

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

Keep container tightly closed. Avoid dust formation. Provide exhaust ventilation if dust is formed.

Suitable industrial vacuum cleaners or central exhaust ventilation equipment must be used for taking up dust. Take precautionary measures against electrostatic loading.

Advice on protection against fire and explosion

Take precautionary measures against static charges. The product is not combustible.

7.2. Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

No special requirements.

Hints on storage assembly

Do not store together with foodstuffs.

VCI storage category

VCI storage category 13 Non- combustible solids

Further information on storage conditions

Keep container tightly closed and dry. Product is hygroscopic.



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8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Silicon dioxide, chemically prepared, amorphous

List	SUVA	
Type	MAK	
Value	4	mg/m ³

Pregnancy group: C; Status: 2012;

8.2. Exposure controls

General protective and hygiene measures

Observe the usual precautions when handling chemicals.

Respiratory protection

If workplace limits are exceeded, a respirations protection approved for this particular job must be worn.
Short term: filter apparatus, Filter P2

Hand protection

Gloves

Appropriate Material	nitrile	
Penetrating time	480	min

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.

Protective gloves

Appropriate Material	Butyl rubber	
Material thickness	>= 0.11	mm

Not suitable: gloves made of thick material

Eye protection

Safety glasses

Body protection

Clothing as usual in the chemical industry.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form	Powder
Colour	white
Odour	odourless

pH

Value	4.0	to	9.0
Temperature	20	°C	

Melting point

Value	1610	°C
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Boiling point

Value	2230	°C
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Flash point

Remarks	Not determined
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Flammability

Not ignitable



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Vapour pressure

Value	-			hPa
Temperature	20	°C		

Density

Value	2.17	to	2.20	g/cm ³
Temperature	20	°C		

Solubility in water

Remarks insoluble

Thermal decomposition

Remarks No decomposition if used as prescribed.

Viscosity**dynamic**

Value	-			mPa.s
Temperature	20	°C		

9.2. Other information**Bulk density**

Value	70	to	600	kg/m ³
Temperature	20	°C		

Other information

The product is not dangerous for explosions.

10. Stability and reactivity**10.4. Conditions to avoid**

No decomposition if stored and applied as directed.

Thermal decomposition

Remarks No decomposition if used as prescribed.

10.6. Hazardous decomposition products

None known

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

Species	rat			
LD50	>	5110		mg/kg
method	OECD 401			
Source	IUCLID			

Acute dermal toxicity

Species	rabbit			
LD50	>	5000		mg/kg
Source	IUCLID			

Acute inhalational toxicity

Species	rat			
LC0		0.139		mg/l
Duration of exposure	4		h	
method	OECD 403			
Source	IUCLID			



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Skin corrosion/irritation

Remarks No effect of irritation known.

Serious eye damage/irritation

Remarks Irritates the eyes.

Sensitization

Remarks No sensitisation effect known.

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

Species	zebra fish (Brachydanio rerio)	
LC0	10000	mg/l
Duration of exposure	96 h	
Source	IUCLID	

Daphnia toxicity

Species	Daphnia magna	
EC50	> 1000	mg/l
Duration of exposure	24 h	
Source	IUCLID	

Algae toxicity

Species	Scenedesmus subspicatus	
EC50	> 10000	mg/l
Duration of exposure	72 h	
Source	IUCLID	

12.6. Other adverse effects**General information / ecology**

In general not water hazardous.

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.

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



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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.