



Trade name: Silica colloid anhydr

Substance number: 067620

Version: 1 / CH

Replaces Version: - / CH

Date revised: 19.01.12

Date of printing: 25.09.12

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

1.1. Product identifier

Silica colloid anhydr

Item-No. 06762000

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 person responsible for this SDS sdb@haenseler.ch

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.

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/information on ingredients

Substance / product identification

CAS-Nr. 112945-52-5

EINECS-Nr. 231-545-4

INCI silicon dioxide

4. First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off immediately with plenty of water.

After eye contact

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

After ingestion

Rinse out mouth and give plenty of water to drink. Consult a physician if necessary.

5. Firefighting measures

5.1. Extinguishing media



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Suitable extinguishing media

Water, Foam, Dry chemical extinguisher, Carbon dioxide

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

Use personal protective clothing.

Other information

Collect contaminated fire-fighting water separately, must not be discharged into the drains.

6. Accidental release measures**6.3. Methods and material for containment and cleaning up**

For tall amounts: Take up mechanically and collect in suitable container for disposal.

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

Take precautionary measures against electrostatic loading.

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

Keep tightly closed in a dry and cool place.

VCI storage category

VCI storage category 10

Combustible liquids, if not classified in LGK 3 A or 3 B

8. Exposure controls/personal protection**8.2. Exposure controls****General protective and hygiene measures**

Remove contaminated, soaked clothing immediately and dispose of safely. Wash hands and face before breaks and after work. General industrial hygiene practice.

Respiratory protection

Breathing apparatus in the event of aerosol, mist or fume formation.

Hand protection

necessary

Eye protection

Safety glasses with side protection shield

Body protection

Protective clothing

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties****Form** Solid substance**Colour** white**Odour** odourless**pH**

Value	-	3.7	to	4.7
Concentration/H ₂ O		40		g/l



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Temperature	20	°C		
Melting point				
Value	appr.	to	1700	°C
Density				
Value	appr.	to	2.2	g/cm ³
Temperature	20	°C		

10. Stability and reactivity

10.4. Conditions to avoid

No hazardous reactions known.

11. Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

Species	rat			
LD50	>	to	10000	mg/kg

Acute dermal toxicity

Species	rabbit			
LD50	>	to	5000	mg/kg

Skin corrosion/irritation

Remarks No effect of irritation known.

Serious eye damage/irritation

Remarks No effect of irritation known

12. Ecological information

12.1. Toxicity

Fish toxicity

LC50	>	to	10000	mg/l
Duration of exposure	96	h		

Daphnia toxicity

EC50	>	to	10000	mg/l
Duration of exposure	24	h		

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.



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Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

15. Regulatory information

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.