



Trade name: Aerosil 300 / Pharmaton

Substance number: 067625

Version: 2 / CH

Date revised: 25.09.12

Replaces Version: 1 / CH

Date of printing: 25.09.12

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

1.1. Product identifier

Aerosil 300 / Pharmaton

Item-No. 06762500

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

Use of the substance/preparation

Colours, Adhesive agent, industry

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.

2.3. Other hazards

No special hazards have to be mentioned.

3. Composition/information on ingredients

Substance / product identification

CAS-Nr. 7631-86-9

CAS-Nr. 112945-25-5

EINECS-Nr. 231-545-4

4. First aid measures

4.1. Description of first aid measures

After inhalation

Remove the casualty into fresh air and keep him calm.

After skin contact

Wash off immediately with soap and water.

After eye contact

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

After ingestion



Trade name: Aerosil 300 / Pharmaton

Substance number: 067625

Version: 2 / CH

Date revised: 25.09.12

Replaces Version: 1 / CH

Date of printing: 25.09.12

Rinse out mouth and give plenty of water to drink. In the event of symptoms take medical treatment.

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

The following symptoms may occur: Coughing, sneezing

5. Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Compatible with all usual extinguishing media.

5.2. Special hazards arising from the substance or mixture

None known

5.3. Advice for firefighters

Other information

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

6.3. Methods and material for containment and cleaning up

Pick up mechanically. Dispose of absorbed material in accordance with the regulations.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary).

Advice on protection against fire and explosion

Take precautionary measures against static charges.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in a dry place.

8. Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Observe the usual precautions when handling chemicals. Clean skin thoroughly after work; apply skin cream. Preventative skin protection.

Respiratory protection

Dust mask; Particle filter P2

Hand protection

Gloves

Appropriate Material

rubber

Appropriate Material

Leather



Trade name: Aerosil 300 / Pharmaton

Substance number: 067625

Version: 2 / CH

Date revised: 25.09.12

Replaces Version: 1 / CH

Date of printing: 25.09.12

Eye protection

Safety glasses with side protection shield; Safety goggles

Body protection

Not required.

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

Form	Powder		
Colour	white		
Odour	odourless		
pH			
Value	3.7	to	4.7
Concentration/H ₂ O	40	g/l	
Temperature	20	°C	
Melting point			
Value	appr. 1700		°C
Boiling point			
Remarks	Not applicable		
Flash point			
Remarks	Not applicable		
Flammability			
Remarks	Not applicable		
Explosion limits			
Remarks	Not applicable		
Vapour pressure			
Remarks	Not applicable		
Density			
Value	appr. 2.2		g/cm ³
Temperature	20	°C	
Solubility in water			
Remarks	Difficult to dissolve		
Ignition temperature			
Remarks	Not applicable		
Thermal decomposition			
Value	> 2000		°C

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

Value > 2000 °C

10.6. Hazardous decomposition products

No hazardous decomposition products known.

11. Toxicological information



Trade name: Aerosil 300 / Pharmaton

Substance number: 067625

Version: 2 / CH

Date revised: 25.09.12

Replaces Version: 1 / CH

Date of printing: 25.09.12

11.1. Information on toxicological effects

Acute oral toxicity

Species	rat	
LD50	> 10000	mg/kg
method	Value taken from the literature	

Acute dermal toxicity

Species	rabbit	
LD50	> 5000	mg/kg
Source	Literature value	

Acute inhalational toxicity

Species	rat	
LC0	0.139	mg/l
Duration of exposure	4	h
method	Value taken from the literature	

Skin corrosion/irritation

Species	rabbit
valuation	non-irritant
method	Value taken from the literature

Serious eye damage/irritation

Species	rabbit
valuation	non-irritant
method	Value taken from the literature

Mutagenicity

valuation	Not considered mutagenic based on several in vitro and in vivo studies.
method	Value taken from the literature

Reproduction toxicity

valuation	No negative effects
-----------	---------------------

Carcinogenicity

valuation	No negative effects
-----------	---------------------

Experience in practice

Silicosis and other product specific diseases could not be observed in association with the product.

12. Ecological information

12.1. Toxicity

Fish toxicity

Species	zebra fish (Brachydanio rerio)	
LC50	> 10000	mg/l
Duration of exposure	96	h
method	OECD 203	

Daphnia toxicity

Species	Daphnia magna	
EC50	> 10000	mg/l
Duration of exposure	24	h
method	OECD 202	

13. Disposal considerations

13.1. Waste treatment methods



Trade name: Aerosil 300 / Pharmaton

Substance number: 067625

Version: 2 / CH

Date revised: 25.09.12

Replaces Version: 1 / CH

Date of printing: 25.09.12

Disposal recommendations for the product

EWC waste code

Small amounts can be disposed together with rubbish.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

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

15.2. Chemical safety assessment

For this substance a chemical safety assessment has not been carried out.

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.