



SORBSIL® CHAMELEON®

Version 2.1

Revision Date 24.01.2012

Print Date 24.01.2012

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

Trade name : SORBSIL® CHAMELEON®
Use of the Substance/Mixture : Desiccant for chemical and pharmaceutical products, Food, electronic and optical components

Company : OKER-CHEMIE GMBH
Im Schleeke 77
38642 Goslar
Germany

Telephone : +49 (0)53 21 - 7 51-34 15
E-mail address : infoSDS@hcstarck.com
Responsible Department : Corporate HSEQ
Emergency telephone : +49(0)551/19240

2. HAZARDS IDENTIFICATION

GHS Classification

No classification

Classification (67/548/EEC, 1999/45/EC)

No classification

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Mixture

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification	R-phrase(s)	GHS Classification	Concentration [%]
Silicon dioxide	7631-86-9 231-545-4 01-2119379499-16				>= 93
Ammonium iron(III) sulfate dodecahydrate	7783-83-7 233-382-4				<= 5

4. FIRST AID MEASURES

Inhalation : Remove to fresh air.
If symptoms persist, call a physician.



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- Skin contact : Wash off with soap and water.
If skin irritation occurs, seek medical advice/attention.
- Eye contact : Rinse with plenty of water.
If eye irritation persists, consult a specialist.
- Ingestion : Clean mouth with water and drink afterwards plenty of water.
Obtain medical attention.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Extinguishing methods depends upon fire in vicinity poses.
The product itself does not burn.
- Unsuitable extinguishing media : None known.
- Specific hazards during firefighting : nitrogen oxides (NO_x)
sulfuric oxides (SO_x)
- Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.
- Further information : Prevent fire extinguishing water from contaminating surface water or the ground water system.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions : Avoid formation and deposition of dust.
Use personal protective equipment.
- Environmental precautions : Do not flush into surface water or sanitary sewer system.
- Methods for cleaning up : Use mechanical handling equipment.
Avoid dust formation.
Fill into labelled, sealable containers.

7. HANDLING AND STORAGE

Handling

- Advice on safe handling : Avoid dust formation.
Ensure adequate ventilation and, if necessary, exhaust ventilation when handling or transferring the product.
Ensure that the occupational exposure limit value/s (OEL) and/or other limit values are complied with.
- Advice on protection against fire and explosion : No special precautions required.

Storage

- Requirements for storage areas : Comply with the directives governing water law



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and containers

Further information on storage conditions : Store in tightly closed containers in a dry place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values

Silica, amorphous; CAS-No.: 7631-86-9

Basis : EH40 (UK)

Threshold limits

TWA : 6 mg/m3 Inhalable dust

TWA : 2,4 mg/m3 Respirable dust

Note : —

Iron salts (as Fe); CAS-No.: 7783-83-7

Basis : EH40 (UK)

Threshold limits

TWA : 1 mg/m3

STEL : 2 mg/m3

Note : —

Silicon dioxide; CAS-No.: 7631-86-9

Basis : OEL (EU)

Note : No limit value established.

Ammonium iron(III) sulfate dodecahydrate; CAS-No.: 7783-83-7

Basis : OEL (EU)

Note : No limit value established.

Personal protective equipment

Respiratory protection : Avoid breathing dust.
In case of insufficient ventilation, wear suitable respiratory equipment.
Respiratory protective device with particle filter EN 143

Hand protection : Butyl-rubber, Natural rubber, Nitrile rubber
The data about break through time/strength of material is not valid for undissolved solids/dust.

Eye protection : Safety glasses

Skin and body protection : Protective suit

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.
Keep working clothes separately.

Environmental exposure controls



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General advice : Do not flush into surface water or sanitary sewer system.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : granular hygroscopic
Colour : orange
Odour : odourless

Safety data

pH : > 2,0 - 5,0
at
20 °C
Note: aqueous suspension
Melting point/range : > 1.000 °C
Bulk density : 680 - 780 kg/m³
Water solubility : Note: practically insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid : None known.
Materials to avoid : None known.
Hazardous decomposition products : Ammonia
Sulphur oxides
Thermal decomposition : >150 °C

11. TOXICOLOGICAL INFORMATION

Further information : No toxicology information is available.

12. ECOLOGICAL INFORMATION

Further information on ecology

Additional ecological information : No information on ecology is available.



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13. DISPOSAL CONSIDERATIONS

- Product** :
- The Federal, regional and local rules and regulations governing disposal must be complied with.
 - This product cannot be classified with disposal identification key acc. to the EU disposal directives as a classification results from the intended utilisation purpose of the consumer

14. TRANSPORT INFORMATION

ADR
Not dangerous goods

IATA
Not dangerous goods

IMDG
Not dangerous goods

15. REGULATORY INFORMATION

GHS-Labeling

No labelling required

Labelling according to EC Directives

Directive 1999/45/EC

No labelling required

National legislation

Major Accident Hazard Legislation : 96/82/EC
Annex I
Number: Is not subject to the Seveso II Directive.

SAFETY DATA SHEET
according to Regulation (EC) No. 1907/2006



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16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.