



Safety Data Sheet

According to 1907/2006 EC

01. Identification of the substance/preparation and the company

Productname: CRISTAL-GEL, white, standard bag
Article-No. 160.001-160.033
CRISTAL-GEL, white, standard bag, sealed in Al-bag
Article-No. 160.101-160.133

Use of the substance/mixture: Desiccant for chemical and pharmaceutical products, food, electronic and optical components

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02. Hazards identification

GHS Classification: no classification

Classification (67/548/EEC, 1999/45EC):
no classification

02. Composition/information on ingredients

Chemical nature: Substance

Hazardous components

Chemical name:	CAS-No.	Classification	R-phrase(s)	GHS classification
Silicon dioxide	EC-No. Registration No. 7631-86-9 231-545-4 01-2119379499-16			

Concentration (%): >= 93



04. First-aid measures

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

05. Fire-fighting 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:	None known
Specific hazards during firefighting:	In the event of fire, wear self-contained breathing apparatus.
Further information:	None known

06. Accidental release measures

Personal precautions:	Avoid formation and deposition of dust. Use personal protective equipment.
Environmental precautions:	No special environmental precautions required.
Methods for cleaning up:	Use mechanical handling equipment. Avoid dust formation. Fill into labelled, sealable containers.

07. 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 and containers:

No special requirements required.

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

08. 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: ---

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

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

General advice: No special environmental precautions required.

09. Physical and Chemical Properties

Appearance

Form: granular hygroscopic



Colour: white
Odour: odourless

Safety data

pH-value: 3,5 – 8,0 at 20 °C
Note: aqueous suspension
Melting point/range: > 1000 °C
Bulk density: 380 – 720 kg/m³
Water solubility: Note: practically insoluble

10. Stability and reactivity

Conditions to avoid: none known
Materials to avoid: none known
Hazardous decomposition products: not applicable
Thermal decomposition: Note: not applicable

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.

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

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15. Regulatory Information

GHS-Labeling: No labelling required

Labelling according to EC Directives: Directive 67/548/EEC
No labelling required

National legislation

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

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.

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Die Echtheit der neutralisierten Kopie wird bestätigt

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Beat Bütler QM –Transportverpackung der MEDEWO Gruppe