

SAFETY DATA SHEET

according to the Global Harmonized System

Rubingel

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

Use of the Substance/Preparation	Desiccant
REACH No.	01-2119379499-16-0036
Company/Undertaking Identification	Zeochem AG Seestrasse 108 CH-8707 Uetikon Schweiz Tel. +41 44 922 93 93 info@zeochem.ch
Emergency telephone number	Tox-Zentrum Zürich : 145 / +41 44 251 51 51 [24h/7d]
Revision Date	10.06.2010
Version	GHS 1

2. Hazards identification**3. Composition/information on ingredients**

Chemical characterization Synthetic amorphous silica Humidity Indicator (0.1%)

Components		Health hazards	CAS	REACH No.
Amorphous silica	> 90%		7631-86-9	01-2119379499-16-0036

4. First aid measures

Inhalation	No special measures required.
Skin contact	Wash with water and soap as a precaution.

Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

5. Fire-fighting measures

Suitable extinguishing media	Use dry chemical, CO ₂ , water spray or alcohol foam.
Extinguishing media which must not be used for safety reasons	High volume water jet.
Specific hazards	The product is not flammable.
Special protective equipment for firefighters	Standard procedure for chemical fires.

6. Accidental release measures

Personal precautions	No special measures required.
Environmental precautions	No special environmental precautions required.
Methods for cleaning up	Use mechanical handling equipment. After cleaning, flush away traces with water.

7. Handling and storage

Handling	No special technical protective measures required.
Storage	Store at room temperature in the original container.

8. Exposure controls / personal protection

Occupational exposure controls	General industrial hygiene practice.
Personal protection equipment	
Respiratory protection	No special protective equipment required.
Hand protection	PVC disposable gloves
Eye protection	Avoid contact with eyes.

9. Physical and chemical properties

Form	Solid.
Colour	Red.
Odour	Odorless
Physical and chemical properties	pH: 6.5 - 7.5 (10 %). Water solubility: insoluble Fat solubility: insoluble Bulk density 400 - 700 kg/m ³ .

10. Stability and reactivity

Stability	No decomposition if used as directed.
Hazardous decomposition products	None under normal use.

11. Toxicological information

Acute toxicity	Amorphous silica LD50/oral/rat = 3160 mg/kg.
Local effects	Contact with eyes may cause irritation.
Long term toxicity	Negligible.
Sensitization	None.
Human experience	This product has no known adverse effect on human health.

12. Ecological information

Bioaccumulative potential	Does not bioaccumulate.
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13. Disposal considerations

Waste from residues / unused products	Dispose of in accordance with local regulations.
Contaminated packaging	Offer rinsed packaging material to local recycling facilities.

14. Transport information

Further Information Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

GHS-Classification

GHS product identifier

Amorphous silica, CAS-No. 7631-86-9, EC-No. 231-545-4,
REACH No. 01-2119379499-16-0036

Regulatory Information

In accordance with Regulation (EC) No. 1272/2008 (GHS/CLP), the product does not need to be classified nor labelled.
In accordance with Directive 1999/45/EC, the product does not need to be classified nor labelled.

16. Other information

Further information

Not relevant.

Disclaimer

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. It is not to be considered a warranty or quality specification.