

## 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.

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

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## **5. Fire-fighting measures**

<b>Suitable extinguishing media</b>	Use dry chemical, CO2, water spray or alcohol foam.
<b>Extinguishing media which must not be used for safety reasons</b>	High volume water jet.
<b>Specific hazards</b>	The product is not flammable.
<b>Special protective equipment for firefighters</b>	Standard procedure for chemical fires.

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## **6. Accidental release measures**

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

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## **7. Handling and storage**

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

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## **8. Exposure controls / personal protection**

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

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## **9. Physical and chemical properties**

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

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## **10. Stability and reactivity**

<b>Stability</b>	No decomposition if used as directed.
<b>Hazardous decomposition products</b>	None under normal use.

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## **11. Toxicological information**

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

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## **12. Ecological information**

<b>Bioaccumulative potential</b>	Does not bioaccumulate.
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## **13. Disposal considerations**

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

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## **14. Transport information**

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

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## **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.

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## **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.