

# Safety data sheet

In the style to regulation (EG) No. 1907/2006

Trade name: **SioXaL**

Revision: 02.05.2017

Into force on: 02.05.2017

Version: 1.0

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## SECTION 1: Identification of the substances/mixtures and the company/undertaking

### 1.1 Product identifier

SioXaL

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

Surface sealing, binding- and filling agent

### 1.3 Details of the supplier of the safety data sheet

**Company:** IBZ-Salzchemie GmbH & Co.KG

**Address:** Schwarze Kiefern 4; DE-09633 Halsbruecke

**Phone/fax/e-mail:** +49 (0) 3731 200 155 / +49 (0) 3737 200 156

info@ibz-freiberg.de

### 1.4 Emergency telephone number

Germany: +49 (0) 3731 200 155 (Mo.-Fr.: 7.30a.m. - 16.15 p.m.)

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

According regulation (EG) No. 1272/2008

No classification necessary.

### 2.2 Label elements

Regulation (EG) No. 1272/2008

#### Hazard pictograms and signal word

Pictograms: no, not classified

signal word: no, not classified

#### Precautionary statements:

P262 Do not get in eyes, on skin, or on clothing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if present and easy to do – continue rinsing.

### 2.3 Other Hazards

No additional remarks.

## SECTION 3: Composition/information on ingredients

### 3.1 Substance

The product is a mixture.

## 3.2 Mixture

### Composition/information on ingredients

Amorphous silica (aqueous); EG-No.: 231-545-4; CAS-No.: 7631-86-9;  
Amount: 15-50%

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Avoid inhalation of dust.

#### Inhalation

Get the person into fresh air and stay with them. Get medical advice if respiratory irritation.

#### Skin contact

Skin that has come in contact with the material must be washed thoroughly with water and soap.

#### Eye contact

Remove contact lenses. Flush eyes with plenty of water for several minutes and continue until irritation stops. Make sure you flush under the upper and lower eyelids. If eye irritation persists: Get medical advice/attention.

#### Ingestion

Rinse mouth with 1-2 glasses of water.

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

No additional information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No additional information available.

## SECTION 5: Fire fighting measures

### 5.1 Extinguishing media

#### Suited extinguishing media

Product not flammable.

Water spray, alcohol-resistant foam, powder, CO<sub>2</sub>

#### Unsuitable extinguishing media:

No additional information available.

### 5.2 Special hazards arising from the substance or mixture

No additional information available.

### 5.3 Advice for firefighters

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Not required.

## 6.2 Environmental precautions

No special actions required

A water hazard is not expected

## 6.3 Methods and material for containment and cleaning up

For large amounts: Pump off product. For small amounts take up with inert absorbent and collect in suitable containers.

## 6.4 Reference to other sections

See section 7,8 und 13.

# SECTION 7: Handling and storage

## 7.1 Precautions for safe handling

Avoid unnecessary exposure. See Section 8 for personal protective equipment. Wash exposed areas thoroughly after handling. Keep away from sources of ignition - No Smoking. Avoid skin and eye contact. Avoid breathing vapour and spray mist. Smoking, eating and drinking are not allowed in the rooms. Product may charge electrostatically.

## 7.2 Conditions for safe storage, including any incompatibilities

Store at room temperature (20°C). The bottle should be tightly closed. Protect from direct sunlight, heat or overheat, and frost.

## 7.3 Specific end use(s)

Additional remarks are written in the technical sheet.

# SECTION 8: Exposure controls/personal protection

## 8.1 Control parameters

No additional information available.

## 8.2 Exposure controls

### Appropriate technical measures

None known

### Personal protective equipment

Personal protective equipment should be used depending on concentration and amount of hazardous substance.

### Respiratory protection

Not required

### Hand protection

Use chemical resistant protective gloves (Nitril rubber standard EN 420 and EN 374). Gloves should be selected in consultation with the glove supplier, with information on effects from other chemical substances in the work place.

### Eye protection

Tightly sealed goggles/face shield. EN 166:2001

# SECTION 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties:

**Color:** colourless-white

**Odour:** odourless

**Appearance:** fluid

Parameter	Value
pH-value (50 g/L H <sub>2</sub> O; at 20°C)	8-10,5
Vapour pressure (at 20 °C)	20 hPa*
Flammability	Not determined
Flash point	Not determined
Odour threshold	Not determined
Water solubility (at 20°C)	full miscible
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Oxidizing characteristics	Not determined
Density	Not determined
Boiling point	100°C*
Melting point	Not determined
Decomposition temperature	Not determined
Distribution coefficient n-octanol/water (K <sub>ow</sub> )	Not determined
Viscosity dynamic (at 20°C)	Not determined
Decomposition temperature	Not determined
Explosive properties	The product is not explosive.

\*concerning water

## 9.2 Other information

There are no additional remarks.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No additional information available.

### 10.2 Chemical stability

The product is under normal conditions stable.

### 10.3 Possibility of hazardous reactions

No additional information available.

### 10.4 Conditions to avoid

Keep away from heat and frost. Do not allow to dry out.

### 10.5 Incompatible materials

No additional information available.

### 10.6 Hazardous decomposition products

No additional information available.

## SECTION 11: Toxicological information

### 11.1 Information on Toxicological effects

#### a) Acute toxicity

Not classified.

#### b) Skin corrosion/ irritation

Not classified.

- c) **Serious eye damage/irritation**  
Causes severe eye irritation.
- d) **Respiratory or skin sensitisation**  
Dust could severe respiratory irritation.
- e) **Germ cell mutagenicity**  
Not classified.
- f) **Carcinogenicity**  
Not classified.
- g) **Reproductive toxicity**  
Not classified.
- h) **Specific target organ toxicity - single exposure**  
Not classified.
- i) **Specific target organ toxicity - repeated exposure**  
Not classified.
- j) **Aspiration hazard**  
Not classified.

## SECTION 12: Ecological information

### 12.1 Toxicity

The product is not toxic.

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

### 12.4 Mobility in soil

No data available.

### 12.5 Results of PBT and vPvB assessment

No data available.

### 12.6 Other adverse effects

No data available.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

The product is not a dangerous waste.

## SECTION 14: Transport information

There are no additional transport information.

## SECTION 15: Regulatory information

There are no additional regulatory information.

## SECTION 16: Other information

There are no additional information.

*The information contained is based on the present state of our knowledge and is intended to describe the product with regard to the safety precautions to be taken. They do not constitute a guarantee for the properties of the described product.*

### Legend

ADR	European agreement concerning the international carriage of dangerous goods by road
AwSV	Ordinance on installations for the handling of substances hazardous to water
CAS	Chemical Abstracts Service
EG	European community
IATA/DGR	International Air Transport Association-Dangerous Goods Regulations
ICAO-TI	International Civil Aviation Organization-Technical Instructions
IMDG-Code	International Maritime Code for Dangerous Goods
LD	Lethal dose
PBT	Persistent, bioaccumulative, toxic
RID	Regulations concerning the international carriage of dangerous
UN	united nations
vPvB	very persistent and very bioaccumulative