

## SILL580/SILL58S

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier:

**Product name** : SILL580/SILL58S  
**Registration number REACH** : Not applicable (mixture)  
**Product type REACH** : Mixture

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

##### 1.2.1 Relevant identified uses

Binding agent  
 Coating  
 Paint  
 Surface treatment product

##### 1.2.2 Uses advised against

No uses advised against known

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

##### Supplier of the safety data sheet

SILMACO nv  
 Industrieweg 90  
 B-3620 Lanaken  
 ☎ +32 89 73 02 22  
 📠 +32 89 72 27 24  
 info@silmaco.com

#### 1.4 Emergency telephone number:

During business hours, 8:00-17:00:  
 +32 89 73 02 22

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture:

Classified as dangerous according to the criteria of Regulation (EC) No 1272/2008

Class	Category	Hazard statements
Skin Irrit.	category 2	H315: Causes skin irritation.
Eye Dam.	category 1	H318: Causes serious eye damage.

#### 2.2 Label elements:



Contains: lithium hydroxide, monohydrate.

**Signal word** Danger

##### H-statements

H315 Causes skin irritation.  
 H318 Causes serious eye damage.

##### P-statements

P280 Wear protective gloves, protective clothing and eye protection/face protection.  
 P264 Wash hands thoroughly after handling.  
 P302 + P352 IF ON SKIN: Wash with plenty of water and soap.  
 P332 + P313 If skin irritation occurs: Get medical advice/attention.  
 P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER/doctor.

#### 2.3 Other hazards:

No other hazards known

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## SECTION 3: Composition/information on ingredients

### 3.1 Substances:

Not applicable

### 3.2 Mixtures:

Name REACH Registration No	CAS No EC No	Conc. (C)	Classification according to CLP	Note	Remark
silicon dioxide 01-2119379499-16-xxxx	7631-86-9 231-545-4	15%<C<25%		(2)	Constituent
lithium hydroxide, monohydrate 01-2119560576-31-xxxx	1310-66-3	1%<C<5%	Acute Tox. 4; H302 Skin Corr. 1B; H314	(1)(2)	Constituent

(1) For H-statements in full: see heading 16

(2) Substance with a Community workplace exposure limit

## SECTION 4: First aid measures

### 4.1 Description of first aid measures:

#### General:

Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.

#### After inhalation:

Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.

#### After skin contact:

Wash immediately with lots of water. Soap may be used. Take victim to a doctor if irritation persists.

#### After eye contact:

Rinse immediately with plenty of water for 15 minutes. Do not apply neutralizing agents. Take victim to an ophthalmologist.

#### After ingestion:

Rinse mouth with water. Do not induce vomiting. Consult a doctor/medical service if you feel unwell.

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

#### 4.2.1 Acute symptoms

##### After inhalation:

No effects known.

##### After skin contact:

Tingling/irritation of the skin.

##### After eye contact:

Corrosion of the eye tissue.

##### After ingestion:

Headache. Dizziness. Vomiting. Disturbances of consciousness.

#### 4.2.2 Delayed symptoms

No effects known.

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

If applicable and available it will be listed below.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media:

#### 5.1.1 Suitable extinguishing media:

Adapt extinguishing media to the environment.

#### 5.1.2 Unsuitable extinguishing media:

No unsuitable extinguishing media known.

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

### 5.3 Advice for firefighters:

#### 5.3.1 Instructions:

Dilute toxic gases with water spray. Take account of toxic/corrosive precipitation water.

#### 5.3.2 Special protective equipment for fire-fighters:

Gloves. Face-shield. Protective clothing. Heat/fire exposure: compressed air/oxygen apparatus.

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## SECTION 6: Accidental release measures

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

No naked flames.

#### 6.1.1 Protective equipment for non-emergency personnel

See heading 8.2

#### 6.1.2 Protective equipment for emergency responders

Gloves. Face-shield. Protective clothing.

Suitable protective clothing

See heading 8.2

### 6.2 Environmental precautions:

Contain released substance, pump into suitable containers.

### 6.3 Methods and material for containment and cleaning up:

Take up liquid spill into absorbent material, e.g.: sand. Scoop absorbed substance into closing containers. Clean contaminated surfaces with an excess of water. Wash clothing and equipment after handling.

### 6.4 Reference to other sections:

See heading 13.

## SECTION 7: Handling and storage

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 7.1 Precautions for safe handling:

Keep away from naked flames/heat. Observe normal hygiene standards. Keep container tightly closed. Do not discharge the waste into the drain.

### 7.2 Conditions for safe storage, including any incompatibilities:

#### 7.2.1 Safe storage requirements:

Storage temperature: <50 °C. Protect against frost. Meet the legal requirements.

#### 7.2.2 Keep away from:

Heat sources, (strong) acids, metals.

#### 7.2.3 Suitable packaging material:

Steel, HDPE.

#### 7.2.4 Non suitable packaging material:

Zinc, tin, aluminium, copper.

### 7.3 Specific end use(s):

If applicable and available, exposure scenarios are attached in annex. See information supplied by the manufacturer.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters:

#### 8.1.1 Occupational exposure

##### a) Occupational exposure limit values

If limit values are applicable and available these will be listed below.

##### Belgium

Silices amorphes : silice fondue SiO <sub>2</sub> (poussières alvéolaires)	Time-weighted average exposure limit 8 h	0.1 mg/m <sup>3</sup>
Silices amorphes : terre de diatomées, non calcinées (fraction inhalable)	Time-weighted average exposure limit 8 h	10 mg/m <sup>3</sup>
Silices amorphes : fumées (fraction alvéolaire)	Time-weighted average exposure limit 8 h	2 mg/m <sup>3</sup>

##### Germany

Kieselsäuren, amorphe	Time-weighted average exposure limit 8 h (TRGS 900)	4 mg/m <sup>3</sup>
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##### UK

Silica, amorphous inhalable dust	Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	6 mg/m <sup>3</sup>
Silica, amorphous respirable dust	Time-weighted average exposure limit 8 h (Workplace exposure limit (EH40/2005))	2.4 mg/m <sup>3</sup>

##### b) National biological limit values

If limit values are applicable and available these will be listed below.

#### 8.1.2 Sampling methods

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If applicable and available it will be listed below.

Silica, Amorphous (Respirable)	NIOSH	7501
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## 8.1.3 Applicable limit values when using the substance or mixture as intended

If limit values are applicable and available these will be listed below.

## 8.1.4 DNEL/PNEC values

### DNEL - Workers

silicon dioxide

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	4 mg/m <sup>3</sup>	

lithium hydroxide, monohydrate

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	10 mg/m <sup>3</sup>	
	Acute systemic effects inhalation	30 mg/m <sup>3</sup>	
	Long-term systemic effects dermal	41.35 mg/kg bw/day	
	Acute systemic effects dermal	100 mg/kg bw/day	

### DNEL - General population

lithium hydroxide, monohydrate

Effect level (DNEL/DMEL)	Type	Value	Remark
DNEL	Long-term systemic effects inhalation	6.21 mg/m <sup>3</sup>	
	Acute systemic effects inhalation	18.63 mg/m <sup>3</sup>	
	Long-term systemic effects dermal	41.35 mg/kg bw/day	
	Acute systemic effects dermal	50 mg/kg bw/day	
	Long-term systemic effects oral	4.13 mg/kg bw/day	
	Acute systemic effects oral	12.4 mg/kg bw/day	

### PNEC

lithium hydroxide, monohydrate

Compartments	Value	Remark
Fresh water	2.3 mg/l	
Marine water	0.23 mg/l	
Aqua (intermittent releases)	0.344 mg/l	
STP	79.2 mg/l	
Fresh water sediment	9 mg/kg sediment dw	
Marine water sediment	0.9 mg/kg sediment dw	
Soil	0.45 mg/kg soil dw	

## 8.1.5 Control banding

If applicable and available it will be listed below.

## 8.2 Exposure controls:

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 8.2.1 Appropriate engineering controls

Keep away from naked flames/heat. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection.

### 8.2.2 Individual protection measures, such as personal protective equipment

Observe normal hygiene standards. Keep container tightly closed. Do not eat, drink or smoke during work.

#### a) Respiratory protection:

Respiratory protection not required in normal conditions.

#### b) Hand protection:

Gloves.

- materials (good resistance)

PVC, latex, rubber.

#### c) Eye protection:

Face shield.

#### d) Skin protection:

Protective clothing.

### 8.2.3 Environmental exposure controls:

See headings 6.2, 6.3 and 13

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties:

Physical form	Liquid
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Odour	Odourless
Odour threshold	No data available
Colour	Colourless
Particle size	Not applicable (liquid)
Explosion limits	No data available
Flammability	Non combustible
Log Kow	Not applicable (mixture)
Dynamic viscosity	23 mPa.s
Kinematic viscosity	No data available
Melting point	0 °C - 12 °C
Boiling point	100 °C
Flash point	No data available
Evaporation rate	No data available
Relative vapour density	No data available
Vapour pressure	23 hPa
Solubility	water ; soluble
Relative density	1.1 - 1.3
Decomposition temperature	No data available
Auto-ignition temperature	Not required: exemption according to REACH
Explosive properties	No chemical group associated with explosive properties
Oxidising properties	No chemical group associated with oxidising properties
pH	10 - 12 ; 1 %

## 9.2 Other information:

Absolute density	1100 kg/m <sup>3</sup> - 1300 kg/m <sup>3</sup>
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## SECTION 10: Stability and reactivity

### 10.1 Reactivity:

Substance has basic reaction.

### 10.2 Chemical stability:

No data available.

### 10.3 Possibility of hazardous reactions:

Reacts exothermically with (some) acids.

### 10.4 Conditions to avoid:

Keep away from naked flames/heat.

### 10.5 Incompatible materials:

(strong) acids, metals.

### 10.6 Hazardous decomposition products:

Reacts with (some) metals: release of highly flammable gases/vapours (hydrogen) with (increased) risk of fire/explosion.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects:

#### 11.1.1 Test results

#### Acute toxicity

##### SILL580

No (test)data on the mixture available

##### silicon dioxide

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50		> 10000 mg/kg		Rat		
Dermal	LD50		> 5000 mg/kg		Rabbit		

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# SILL580

lithium hydroxide, monohydrate

Route of exposure	Parameter	Method	Value	Exposure time	Species	Value determination	Remark
Oral	LD50		368 mg/kg bw		Rat (female)	Experimental value	
Oral	LD50		491 mg/kg bw		Rat (male)	Experimental value	
Dermal	LD50	OECD 402	> 2000 mg/kg bw		Rat (male/female)	Read-across	
Inhalation (dust)	LC50	OECD 403	> 6.15 mg/l	4 h	Rat (male/female)	Experimental value	

Judgement is based on the relevant ingredients

## Conclusion

Not classified for acute toxicity

## Corrosion/irritation

SILL580

No (test)data on the mixture available

lithium hydroxide, monohydrate

Route of exposure	Result	Method	Exposure time	Time point	Species	Value determination	Remark
Eye	Serious eye damage; category 1					Literature study	
Not applicable (in vitro test)	Corrosive	In vitro skin irritation/corrosion				Experimental value	

Classification is based on the relevant ingredients

## Conclusion

Causes skin irritation.

Causes serious eye damage.

Not classified as irritating to the respiratory system

## Respiratory or skin sensitisation

SILL580

No (test)data on the mixture available

lithium hydroxide, monohydrate

Route of exposure	Result	Method	Exposure time	Observation time point	Species	Value determination	Remark
Skin	Not sensitizing	OECD 406			Guinea pig (male/female)	Read-across	

Judgement is based on the relevant ingredients

## Conclusion

Not classified as sensitizing for skin

Not classified as sensitizing for inhalation

## Specific target organ toxicity

SILL580

No (test)data on the mixture available

lithium hydroxide, monohydrate

Route of exposure	Parameter	Method	Value	Organ	Effect	Exposure time	Species	Value determination
Oral	NOAEL		84 mg/kg bw/day		No effect	2 year(s)	Rat (female)	Read-across

Judgement is based on the relevant ingredients

## Conclusion

Not classified for subchronic toxicity

## Mutagenicity (in vitro)

SILL580

No (test)data on the mixture available

lithium hydroxide, monohydrate

Result	Method	Test substrate	Effect	Value determination
Negative	OECD 473	Human lymphocytes	No effect	Experimental value
Negative	OECD 476	Mouse (lymphoma L5178Y cells)	No effect	Experimental value
Negative	OECD 471	Bacteria (S.typhimurium)	No effect	Experimental value

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## Mutagenicity (in vivo)

### SILL580

No (test)data on the mixture available

## Carcinogenicity

### SILL580

No (test)data on the mixture available

## Reproductive toxicity

### SILL580

No (test)data on the mixture available

#### lithium hydroxide, monohydrate

	Parameter	Method	Value	Exposure time	Species	Effect	Organ	Value determination
Developmental toxicity	NOAEL (P)	OECD 414	34.1 mg/kg bw/day	2 weeks (daily)	Rat (female)	Maternal toxicity		Read-across
	NOAEL (F1)	OECD 414	102 mg/kg bw/day	2 weeks (daily)	Rat (male/female)	Embryotoxicity		Read-across

Judgement is based on the relevant ingredients

### Conclusion CMR

Not classified for carcinogenicity

Not classified for mutagenic or genotoxic toxicity

Not classified for reprotoxic or developmental toxicity

## Toxicity other effects

### SILL580

No (test)data on the mixture available

## Chronic effects from short and long-term exposure

### SILL580

No effects known.

## SECTION 12: Ecological information

### 12.1 Toxicity:

#### SILL580

No (test)data on the mixture available

#### silicon dioxide

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50		> 10000 mg/l	96 h	Brachydanio rerio			
Acute toxicity invertebrates	EC50		> 10000 mg/l	24 h	Daphnia magna			
Toxicity algae and other aquatic plants	EC50		440 mg/l	72 h	Selenastrum capricornutum			Growth rate

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# SILL580/SILL58S

## lithium hydroxide, monohydrate

	Parameter	Method	Value	Duration	Species	Test design	Fresh/salt water	Value determination
Acute toxicity fishes	LC50	OECD 203	109 mg/l	96 h	Danio rerio	Static system	Fresh water	Experimental value; Lethal
Acute toxicity invertebrates	EC50	OECD 202	33.5 mg/l	48 h	Daphnia magna	Static system	Fresh water	Calculated value; pH > 7
Toxicity algae and other aquatic plants	EC50	OECD 201	41.62 mg/l	72 h	Pseudokirchneriella subcapitata	Static system	Fresh water	Experimental value; Biomass
	EC50	OECD 201	153.44 mg/l	72 h	Pseudokirchneriella subcapitata	Static system	Fresh water	Experimental value; Growth rate
Long-term toxicity fish	NOEC	EPA OTS 797.1000	1.19 mg/l	26 day(s)	Pimephales promelas	Flow-through system	Fresh water	Calculated value
	LOEC	EPA OTS 797.1000	1.88 mg/l	26 day(s)	Pimephales promelas	Flow-through system	Fresh water	Calculated value
Long-term toxicity aquatic invertebrates	NOEC	OECD 211	4 mg/l	21 day(s)	Daphnia magna	Semi-static system	Fresh water	Experimental value; Reproduction
	LOEC	OECD 211	8 mg/l	21 day(s)	Daphnia magna	Semi-static system	Fresh water	Experimental value; Reproduction
Toxicity aquatic micro-organisms	EC10	OECD 209	138.8 mg/l	3 h	Activated sludge	Static system	Fresh water	Calculated value

Judgement of the mixture is based on the relevant ingredients

### **Conclusion**

pH shift

Not classified as dangerous for the environment according to the criteria of Regulation (EC) No 1272/2008

### **12.2 Persistence and degradability:**

Biodegradability: not applicable

### **12.3 Bioaccumulative potential:**

#### SILL580

#### **Log Kow**

Method	Remark	Value	Temperature	Value determination
	Not applicable (mixture)			

#### silicon dioxide

#### **Log Kow**

Method	Remark	Value	Temperature	Value determination
	No data available			

#### lithium hydroxide, monohydrate

#### **Log Kow**

Method	Remark	Value	Temperature	Value determination
	No data available			

### **Conclusion**

Not bioaccumulative

### **12.4 Mobility in soil:**

No (test) data on mobility of the components available

### **12.5 Results of PBT and vPvB assessment:**

The criteria of PBT and vPvB as listed in Annex XIII of Regulation (EC) No 1907/2006 do not apply to inorganic substances.

### **12.6 Other adverse effects:**

#### SILL580

#### **Global warming potential (GWP)**

None of the known components is included in the list of fluorinated greenhouse gases (Regulation (EC) No 517/2014)

#### **Ozone-depleting potential (ODP)**

Not classified as dangerous for the ozone layer (Regulation (EC) No 1005/2009)

#### **Ground water**

Ground water pollutant

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# SILL580/SILL58S

lithium hydroxide, monohydrate

## Ground water

Ground water pollutant

## SECTION 13: Disposal considerations

The information in this section is a general description. If applicable and available, exposure scenarios are attached in annex. Always use the relevant exposure scenarios that correspond to your identified use.

### 13.1 Waste treatment methods:

#### 13.1.1 Provisions relating to waste

Waste material code (Directive 2008/98/EC, Decision 2000/0532/EC).

06 02 99 (wastes from the MFSU of bases: wastes not otherwise specified). Depending on branch of industry and production process, also other waste codes may be applicable. Can be considered as non hazardous waste according to Directive 2008/98/EC.

#### 13.1.2 Disposal methods

Recycle/reuse. Neutralize. Remove waste in accordance with local and/or national regulations.

#### 13.1.3 Packaging/Container

No data available.

## SECTION 14: Transport information

### Road (ADR)

#### 14.1 UN number:

Transport	Not subject
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#### 14.2 UN proper shipping name:

#### 14.3 Transport hazard class(es):

Hazard identification number	
Class	
Classification code	

#### 14.4 Packing group:

Packing group	
Labels	

#### 14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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#### 14.6 Special precautions for user:

Special provisions	
Limited quantities	

### Rail (RID)

#### 14.1 UN number:

Transport	Not subject
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#### 14.2 UN proper shipping name:

#### 14.3 Transport hazard class(es):

Hazard identification number	
Class	
Classification code	

#### 14.4 Packing group:

Packing group	
Labels	

#### 14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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#### 14.6 Special precautions for user:

Special provisions	
Limited quantities	

### Inland waterways (ADN)

#### 14.1 UN number:

Transport	Not subject
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#### 14.2 UN proper shipping name:

#### 14.3 Transport hazard class(es):

Class	
Classification code	

#### 14.4 Packing group:

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# SILL580/SILL58S

Packing group	
Labels	

## 14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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## 14.6 Special precautions for user:

Special provisions	
Limited quantities	

## Sea (IMDG/IMSBC)

### 14.1 UN number:

Transport	Not subject
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### 14.2 UN proper shipping name:

### 14.3 Transport hazard class(es):

Class	
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### 14.4 Packing group:

Packing group	
Labels	

### 14.5 Environmental hazards:

Marine pollutant	-
Environmentally hazardous substance mark	no

### 14.6 Special precautions for user:

Special provisions	
Limited quantities	

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code:

Annex II of MARPOL 73/78	
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## Air (ICAO-TI/IATA-DGR)

### 14.1 UN number:

Transport	Not subject
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### 14.2 UN proper shipping name:

### 14.3 Transport hazard class(es):

Class	
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### 14.4 Packing group:

Packing group	
Labels	

### 14.5 Environmental hazards:

Environmentally hazardous substance mark	no
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### 14.6 Special precautions for user:

Special provisions	
Passenger and cargo transport: limited quantities: maximum net quantity per packaging	

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

#### European legislation:

VOC content Directive 2010/75/EU

VOC content	Remark
	Not applicable (inorganic)

#### National legislation The Netherlands

##### SILL580

Waste identification (the Netherlands)	LWCA (the Netherlands): KGA category 05
Waterbezwaarlijkheid	11

#### National legislation Germany

##### SILL580

WGK	1; Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)
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## silicon dioxide

Schwangerschaft Gruppe	C
Schwangerschaft Gruppe	C
MAK 8-Stunden-Mittelwert mg/m <sup>3</sup>	Kieselsäuren, amorphe a) kolloidale amorphe Kieselsäure einschl. pyrogener Kieselsäure und im Naßverfahren hergestellter Kieselsäure (Fällungskieselssäure, Kieselgel) und ungebrannter Kieselgur; 4 mg/m <sup>3</sup> ; gemessen als einatembare Fraktion (vgl. Abschn. Vd) S. 191)
	Kieselsäuren, amorphe b) Kieselglas, Kieselgut, Kieselrauch, gebrannte Kieselgur; 0.3 mg/m <sup>3</sup> ; gemessen als alveolengängige Fraktion (vgl. Abschn. Vd) S. 191)

### National legislation France

#### SILL580

No data available

### National legislation Belgium

#### SILL580

No data available

### Other relevant data

#### SILL580

No data available

## silicon dioxide

IARC - classification	3; Silica
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### 15.2 Chemical safety assessment:

No chemical safety assessment is required.

## SECTION 16: Other information

### Full text of any H-statements referred to under headings 2 and 3:

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H318 Causes serious eye damage.

(\*) = INTERNAL CLASSIFICATION BY BIG

PBT-substances = persistent, bioaccumulative and toxic substances

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

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