

# Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 01.07.2024

Version: 4.00 (replaces version 3.01)

Revision: 01.07.2024

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

### 1.1 Product identifier

Trade name: GLOXIL WW SL

UFI: TF00-Q07C-400Q-43HR

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

#### Application of the substance / the mixture

Matting paste for water-based coating systems

Industrial uses

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

#### Manufacturer/Supplier:

HOFFMANN MINERAL GmbH

Münchener Straße 75

D - 86633 Neuburg/Donau

Tel.: +49 (8431) 53-0

www.hoffmann-mineral.com

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 Further information obtainable from: [info@hoffmann-mineral.com](mailto:info@hoffmann-mineral.com)


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### 1.4 Emergency telephone number:

+49 (0) 84 31 53-0

(Not available outside office hours!)

#### Emergency CONTACT (24-Hour-Number):

GBK/Infotrac ID 91785 : (USA domestic) 1 800 535 5053 / international (001) 352 323 3500

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

#### Hazard pictograms



GHS07

#### Signal word Warning

#### Hazard-determining components of labelling:

2-methylisothiazol-3(2H)-one

1,2-benzisothiazol-3(2H)-one

#### Hazard statements

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

#### Precautionary statements

P280 Wear eye protection / face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

### 2.3 Other hazards

#### Results of PBT and vPvB assessment

##### PBT:

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as PBT

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**vPvB:**

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as vPvB.

**Determination of endocrine-disrupting properties**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to UK REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures****Description:**

Slurry of Silica (Amorphous Silica 10-20% / CAS: 7631-86-9 / EG: 231-545-4 / UK REACH: 01-2119379499-16-XXXX) with additives in water.

**Dangerous components:**

CAS: 7631-86-9 EINECS: 231-545-4	Amorphous Silica Nanoform: amorphous nanoform, set including amorphous nanoforms, amorphous forms, non-surface-treated nanoforms	15-<20%
CAS: 577-11-7 EINECS: 209-406-4 Reg.nr.: 01-2119491296-29-xxxx	Sodium diisooctyl sulphosuccinate ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315	1-<3%
CAS: 2682-20-4 EINECS: 220-239-6 Reg.nr.: 01-2120764690-50-xxxx	2-methylisothiazol-3(2H)-one ⚠ Acute Tox. 3, H301; ⚠ Acute Tox. 3, H311; ⚠ Acute Tox. 2, H330; ⚠ Skin Corr. 1B, H314; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=10); ⚠ Aquatic Chronic 1, H410 (M=1); ⚠ Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.0015 %	>0.0015-<0.01%
CAS: 2634-33-5 EINECS: 220-120-9 Reg.nr.: 01-2120761540-60-xxxx	1,2-benzisothiazol-3(2H)-one ⚠ Acute Tox. 2, H301; ⚠ Eye Dam. 1, H318; ⚠ Aquatic Acute 1, H400 (M=1); ⚠ Aquatic Chronic 1, H410 (M=1); ⚠ Acute Tox. 4, H302; ⚠ Skin Irrit. 2, H315; ⚠ Skin Sens. 1A, H317 Specific concentration limit: Skin Sens. 1A; H317: C ≥ 0.036 %	>0.0015-<0.01%

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**4.1 Description of first aid measures**

**General information:** Immediately remove any clothing soiled by the product.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:**

Wash the areas of skin affected with water and a mild detergent.

If symptoms persist consult doctor.

**After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

**After swallowing:**

Rinse out mouth and then drink plenty of water.

If symptoms persist consult doctor.

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

sensitization

Allergic reactions

Eye irritation

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

Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

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### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

#### 5.3 Advice for firefighters

##### Protective equipment:

The normal measures for firefighting are to be taken.

Do not enter the hazardous area without a self-contained breathing apparatus.

See Section 8 for information on personal protection equipment.

### SECTION 6: Accidental release measures

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

Ensure adequate ventilation  
**For non-emergency personnel**

The usual precautionary measures are to be adhered to when handling chemicals.

Avoid contact with the eyes and skin.

**For emergency responders** Wear protective equipment. Keep unprotected persons away.

#### 6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

Do not allow to penetrate the ground/soil.

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

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Pick up mechanically.

Send for recovery or disposal in suitable receptacles.

#### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

**Information about fire - and explosion protection:** No special measures required.

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

##### Storage:

**Requirements to be met by storerooms and receptacles:**

Prevent any seepage into the ground.

No special requirements.

**Information about storage in one common storage facility:**

No special measures required.

Observe local/state/federal regulations.

**Further information about storage conditions:** Protect from frost.

**7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

##### DNELs

**CAS: 7631-86-9 Amorphous Silica**

Inhalative	DNEL	4 mg/m <sup>3</sup> (worker) (acute-local)
	DNEL	4 mg/m <sup>3</sup> (worker) (long-local)

**CAS: 577-11-7 Sodium diisooctyl sulphosuccinate**

Oral	DNEL	17.86 mg/kg (vls)
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Dermal	DNEL	267.86 mg/kg bw/day (wls)
	DNEL	160.71 mg/kg (vls)
Inhalative	DNEL	1,889.1 mg/m <sup>3</sup> (wls)
	DNEL	559.01 mg/m <sup>3</sup> (vls)

**PNECs****CAS: 577-11-7 Sodium diisooctyl sulphosuccinate**

PNEC	12.2 mg/l (sewage plant)
	0.18 mg/l (water (fresh water))
	0.018 mg/l (water (sea water))
PNEC	17.789 mg/kg (sediment (fresh water))
	1.779 mg/kg (sediment (sea water))
	1.04 mg/kg (soil)

**Additional information:** The lists valid during the making were used as basis.

**8.2 Exposure controls****Suitable technical control devices**

Ensure good ventilation. This can be achieved by localised extraction or general ventilation. If this is not sufficient to keep the concentration below the occupational exposure limit, suitable breathing protection is to be worn.

**Individual protection measures, such as personal protective equipment****General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Immediately remove all soiled and contaminated clothing

Avoid contact with the eyes and skin.

**Respiratory protection:** Not required in normal cases

**Hand protection** Protective gloves

**Material of gloves**

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.11$  mm

[EN 374]

**Penetration time of glove material**

Value for the permeation: Level 6 ( $\geq 480$ min)

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye/face protection**

Safety glasses

[EN 166]

## SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties****General Information****Physical state**

Fluid

**Colour:**

White

**Odour:**

Specific type

**Melting point/freezing point:**

Undetermined.

**Boiling point or initial boiling point and boiling range**

&gt;100 °C

**Flammability**

Not applicable.

**Lower and upper explosion limit****Lower:**

Not applicable

**Upper:**

Not applicable

**Flash point:**

Not applicable.

**Auto-ignition temperature:**

Not determined.

**Decomposition temperature:**

Not determined.

**pH at 20 °C**

6 - 7.5

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<b>Viscosity:</b>	
<b>Kinematic viscosity at 40 °C</b>	>20.5 mm <sup>2</sup> /s
<b>Solubility</b>	
<b>water:</b>	Fully miscible.
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure at 20 °C:</b>	23 hPa (CAS: 7732-18-5 water, distilled, conductivity or of similar purity)
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	1.05 - 1.15 g/cm <sup>3</sup>
<b>Vapour density</b>	Not determined.

<b>9.2 Other information</b>	
<b>Appearance:</b>	
<b>Form:</b>	Pasty
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Product is not selfigniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Change in condition</b>	
<b>Evaporation rate</b>	Not determined.

<b>Information with regard to physical hazard classes</b>	
<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

- 10.1 Reactivity** No dangerous reactions known.  
**10.2 Chemical stability** Stable under normal conditions.  
**10.3 Possibility of hazardous reactions** No dangerous reactions known.  
**10.4 Conditions to avoid** See Section 7 for information on safe handling.  
**10.5 Incompatible materials:** strong oxidizing agents  
**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**  
**Acute toxicity** Based on available data, the classification criteria are not met.

#### LD/LC50 values relevant for classification:

#### CAS: 7631-86-9 Amorphous Silica

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>6,000 mg/kg (rabbit)
Inhalative	LC0/4h	>140->2,000 mg/l (rat) (OECD 403)

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**CAS: 577-11-7 Sodium diisooctyl sulphosuccinate**

Oral	LD50	>2,100 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rat)

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Causes serious eye irritation.

**Respiratory or skin sensitisation** May cause an allergic skin reaction.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

**Additional toxicological information:****Repeated dose toxicity****CAS: 7631-86-9 Amorphous Silica**

Oral	NOAEL	9,000 mg/kg (rat) (90d / OECD 408)
Inhalative	NOAEC	1 mg/m <sup>3</sup> (rat) (90d / OECD 413)

**Values relevant for classification:****CAS: 7631-86-9 Amorphous Silica**

Oral	NOAEL	1,350 mg/kg/day (rat) (OECD 414)
	AMES test	>5 mg/plate (in-vitro) (OECD 471)

**11.2 Information on other hazards****Endocrine disrupting properties**

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with health effects.

None of the ingredients is listed.

## SECTION 12: Ecological information

**12.1 Toxicity** There are no ecotoxicological data available on this mixture.

**Aquatic toxicity:****CAS: 7631-86-9 Amorphous Silica**

LC50 / 96h	10,000 mg/l (Danio rerio) (OECD 203)
EC50 / 24h	>1,000 mg/l (Daphnia magna) (OECD 202)
EC50 / 72h	>10,000 mg/l (Scenedesmus subspicatus) (OECD 201)

**CAS: 577-11-7 Sodium diisooctyl sulphosuccinate**

LC50 / 96h	49 mg/l (Danio rerio)
EC50 / 48h	15.2 mg/l (Daphnia magna)
EC50 / 72h	82.5 mg/l (algae)

**CAS: 2682-20-4 2-methylisothiazol-3(2H)-one**

EC 20 / 3h	2.8 mg/l (activated sludge) (DIN 38412-3 (TTC-Test))
EC50/3h	34.6 mg/l (activated sludge) (DIN 38412-3 (TTC-Test))

**CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one**

NOEL 21 d	1.2 mg/l (daphnia) (OECD 211)
LC50/4d	2.2 mg/l (Regenbogenforelle) (OECD 203)
EC 20 / 3h	3.3 mg/l (KS)
EC50/3h	13 mg/l (KS)
NOEC / 28d	0.21 mg/l (Regenbogenforelle) (OECD 215)
EC10 / 72 h	0.04 mg/l (Selenastrum capricornutum) (OECD 201)

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EC50 / 2 d	3.27 mg/l (daphnia) (OECD 202)
EC50 / 3 d	0.11 mg/l (Selenastrum capricornutum) (OECD 201)

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential**

**CAS: 2682-20-4 2-methylisothiazol-3(2H)-one**

BCF	3.16
log Kow	≤0.32

**CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one**

BCF	6.95 (fish) (OECD 305)
log Kow	0.7 (octan-1-ol/water (OECD 117))

**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:**

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as PBT

**vPvB:**

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as vPvB

**12.6 Endocrine disrupting properties**

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with effects on the environment.

**12.7 Other adverse effects**

**Additional ecological information:**

**General notes:** The product may not be released into the environment without control.

## SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

Waste classified as hazardous according to Annex III to Directive 2008/98/EC.

**Recommendation** Waste must be disposed of while observing the local, official regulations.

**Waste disposal key:**

For this product no waste code are defined according to the European Waste Catalogue, as the intended use by the user enables an allocation.

The waste code must be defined in agreement with the regional waste disposers.

**Uncleaned packaging:**

**Recommendation:**

Disposal must be made according to official regulations.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

## SECTION 14: Transport information

**14.1 UN number or ID number**

ADR/RID/ADN, IMDG, IATA Void

**14.2 UN proper shipping name**

ADR/RID/ADN, IMDG, IATA Void

**14.3 Transport hazard class(es)**

ADR/RID/ADN, ADN, IMDG, IATA  
Class Void

**14.4 Packing group**

ADR/RID/ADN, IMDG, IATA Void

**14.5 Environmental hazards:**

Not applicable.

**14.6 Special precautions for user**

Not applicable.

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

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**UN "Model Regulation":**

Void

### SECTION 15: Regulatory information

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

All Substances are either listed in or exempt from each of the following substance lists/inventories:

- UK REACH (European Union)
- IECSC (China)
- ENCS/CSCL (Japan)
- TSCA (USA)
- AICS (Australia)
- DSL/NDSL (Canada)
- KECI (Republic of Korea)
- NZIoC (New Zealand)
- PICCS (Philippines)
- TCSCA/TCSI (Taiwan)

#### European Directives:

Directive 2010/75/EU (VOC) not subject to

Catégorie SEVESO (DIRECTIVE 2012/18/EU) not subject to  
REGULATION (EU) 2019/1148

#### Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))

None of the ingredients is listed.

#### Annex II - REPORTABLE EXPLOSIVES PRECURSORS

None of the ingredients is listed.

#### National regulations:

#### Information about limitation of use:

Employment restrictions concerning pregnant and lactating women must be observed.

Employment restrictions concerning juveniles must be observed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

#### Relevant phrases

- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H330 Fatal if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- EUH071 Corrosive to the respiratory tract.

#### Classification according to Regulation (EC) No 1272/2008

Serious eye damage/irritation Skin sensitisation	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.
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**Date of previous version:** 22.06.2023

**Version number of previous version:** 3.01

#### Abbreviations and acronyms:

- NOEL = No Observed Effect Level
- NOEC = No Observed Effect Concentration
- LC = letal Concentration
- EC50 = half maximal effective concentration
- log POW = Octanol / water partition coefficient

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*GHS: Globally Harmonized System of Classification and Labelling of Chemicals**ATE: acute toxicity estimate**ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)**IMDG: International Maritime Code for Dangerous Goods**IATA: International Air Transport Association**EINECS: European Inventory of Existing Commercial Chemical Substances**ELINCS: European List of Notified Chemical Substances**CAS: Chemical Abstracts Service (division of the American Chemical Society)**DNEL: Derived No-Effect Level (UK REACH)**PNEC: Predicted No-Effect Concentration (UK REACH)**LC50: Lethal concentration, 50 percent**LD50: Lethal dose, 50 percent**IOELV = indicative occupational exposure limit values**Acute Tox. 3: Acute toxicity – Category 3**Acute Tox. 4: Acute toxicity – Category 4**Acute Tox. 2: Acute toxicity – Category 2**Skin Corr. 1B: Skin corrosion/irritation – Category 1B**Skin Irrit. 2: Skin corrosion/irritation – Category 2**Eye Dam. 1: Serious eye damage/eye irritation – Category 1**Eye Irrit. 2: Serious eye damage/eye irritation – Category 2**Skin Sens. 1: Skin sensitisation – Category 1**Skin Sens. 1A: Skin sensitisation – Category 1A**Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1**Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1***\* Data compared to the previous version altered.**

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