Safety data sheet
according to UK REACH

Printing date 19.03.2025 *Version: 4.01 (replaces version 4.00)* *Revision: 19.03.2025*

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

1.1 Product identifier

Trade name: GLOXIL matt 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

Further information obtainable from: info@hoffmann-mineral.com

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. 1A 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: 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, H330; 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. 1, 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.

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.*

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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: 577-11-7 Sodium diisooctyl sulphosuccinate		
Oral	DNEL	17.86 mg/kg (consumer long-term systemic effects)
Dermal	DNEL	267.86 mg/kg bw/day (worker long-term systemic effects)
	DNEL	160.71 mg/kg (consumer long-term systemic effects)
Inhalative	DNEL	1,889.1 mg/m³ (worker long-term systemic effects)
	DNEL	559.01 mg/m³ (consumer long-term systemic effects)

PNECs	
CAS: 577-11-7 Sodium diisooctyl sulphosuccinate	
PNEC	12.2 mg/l (sewage plant)

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PNEC	0.18 mg/l (water (fresh water)) 0.018 mg/l (water (sea water)) 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: ≥ 0.11 mm
[EN 374]
Penetration time of glove material
Value for the permeation: Level 6 (≥480min)
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	>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
Viscosity:	
Kinematic viscosity at 40 °C	>20.5 mm²/s
Solubility	
water:	Fully miscible.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	23 hPa (CAS: 7732-18-5 water, distilled, conductivity or of similar purity)

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Density and/or relative density	
Density at 20 °C:	1.05 - 1.15 g/cm³
Vapour density	Not determined.
9.2 Other information	
Appearance:	
Form:	Pasty
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Change in condition	
Evaporation rate	Not determined.
Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	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: 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.

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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.

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.

SECTION 12: Ecological information

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

Aquatic toxicity:	
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 (Oncorhynchus mykiss) (OECD 203)
EC 20 / 3h	3.3 mg/l (sewage sludge)
EC50/3h	13 mg/l (sewage sludge)
NOEC / 28d	0.21 mg/l (Oncorhynchus mykiss) (OECD 215)
EC10 / 72 h	0.04 mg/l (Selenastrum capricornutum) (OECD 201)
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 conatins less than 0.1% of any substances classified as PBT

vPvB:

According to information provided in the supply chain, the mix conatins 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.

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SECTION 13: Disposal considerations

13.1 Waste treatment methods
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.*
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.

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National regulations:

Information about limitation of use:
Employment restrictions concerning pregnant and lactating women must be observed.
Employment restrictions concerning juveniles must be observed.

Waterhazard class: *Water hazard class 1 (Self-assessment): slightly hazardous for water.*
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.
The information provided here is accurate and reliable to the best of HOFFMANN MINERAL's knowledge and belief. However, no warranty or guarantee is made as to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability and completeness of the information provided for his own specific application.
This Safety Data Sheets is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

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.*

Date of previous version: *01.07.2024*
Version number of previous version: *4.00*
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
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.***