

Safety Data Sheet
acc. to OSHA HCS

Printing date 05/07/2020

Reviewed on 05/07/2020

1 Identification**Product identifier****Trade name:** *Gloxil WW-SL***Application of the substance / the mixture** *Matting paste for water-based coating systems***Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

HOFFMANN MINERAL GmbH

Münchener Straße 75

D - 86633 Neuburg (Donau)

Phone: +49 (0) 8431 53-0

Fax: +49 (0) 8431 53-3 30

www.hoffmann-mineral.com

info@hoffmann-mineral.com

Importer:

AZELIS AMERICAS CASE LLC.

225 PICTORIA DRIVE SUITE 550

CINCINNATI OHIO 45246, UNITED STATES OF AMERICA

PHONE: +1 800 5431121

E-mail competent person: info@hoffmannn-mineral.com**Emergency telephone number:***For Hazardous Materials [or Dangerous Goods] Incidents**Spill, Leak, Fire, Exposure, or Accident**Call CHEMTREC Day or Night**Within USA and Canada: 1-800-424-9300**Outside USA and Canada: +1 703-741-5970 (collect calls accepted)***2 Hazard(s) identification****Classification of the substance or mixture***This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).**Eye Irrit. 2A H319 Causes serious eye irritation.***Label elements****Hazard pictograms****Signal word** *Warning***Hazard statements***Causes serious eye irritation.***Precautionary statements***Wear eye protection.**If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.**Continue rinsing.**If eye irritation persists: Get medical advice/attention.***Classification system:****NFPA ratings (scale 0 - 4)**

Health = 2

Fire = 1

Reactivity = 0

Hazards not otherwise classified *None known.*

US

(Contd. on page 2)

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/07/2020

Reviewed on 05/07/2020

Trade name: Gloxil WW-SL

(Contd. of page 1)

3 Composition/information on ingredients

Chemical characterization: Mixtures
Description: Slurry of Silica with additives in water.

Ingredient:

CAS: 7631-86-9	silicon dioxide	10 - 20%
CAS: 577-11-7	Sodium diisooctyl sulphosuccinate	1-<3%

Additional information:

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

4 First-aid measures

Description of first aid measures
Inhalation:

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Skin contact:

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.

Eye contact:

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

Ingestion:

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

Most important symptoms and effects, both acute and delayed
Eye contact: Causes serious eye irritation.

Inhalation: No known significant effects or critical hazards.

Skin contact: No known significant effects or critical hazards.

Ingestion: No known significant effects or critical hazards.

Over-exposure signs/symptoms
Eye contact: Adverse symptoms may include the following:
pain or irritation

watering

redness

Inhalation: No specific data.

Skin contact: No specific data.

Ingestion: No specific data.

Indication of any immediate medical attention and special treatment needed
Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

Specific treatments: No specific treatment.

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

(Contd. on page 3)

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/07/2020

Reviewed on 05/07/2020

Trade name: **Gloxil WW-SL**

See toxicological information (Section 11)

(Contd. of page 2)

5 Fire-fighting measures

Extinguishing media

Suitable extinguishing agents:

Use dry chemical, CO₂, water spray (fog) or foam. Use an extinguishing agent suitable for the surrounding fire

For safety reasons unsuitable extinguishing agents: Water with full jet

Special hazards arising from the substance or mixture

No specific fire or explosion hazard.

In case of fire, the following can be released:

Carbon monoxide (CO)

Carbon dioxide (CO₂)

Sulfur oxides (SO_x)

metal oxide/oxides

Advice for firefighters

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Protective equipment:

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Additional information

Remark (Explosibility): Not considered to be a product presenting a risk of explosion.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

No action shall be taken involving any personal risk or without suitable training.

Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

For emergency responders:

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions:

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up:

Small spill: Move containers from spill area. Avoid dust generation. Using a vacuum with HEPA filter will reduce dust dispersal. Place spilled material in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor.

Large spill: Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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.

7 Handling and storage

Precautions for safe handling

Protective measures:

Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Avoid dust generation. Do not dry sweep. Vacuum dust with equipment fitted

(Contd. on page 4)

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/07/2020

Reviewed on 05/07/2020

Trade name: Gloxil WW-SL

(Contd. of page 3)

with a HEPA filter and place in a closed, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Advice on general occupational hygiene:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Information about protection against explosions and fires: No special measures required.

Conditions for safe storage, including any incompatibilities
Storage:

Requirements to be met by storerooms and receptacles: Store in accordance with local regulations.

Information about storage in one common storage facility:

Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink.

See Section 10 for incompatible materials before handling or use.

Further information about storage conditions:

Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

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

8 Exposure controls/personal protection

Control parameters
Components with limit values that require monitoring at the workplace:
CAS: 7631-86-9 silicon dioxide

TWA	Long-term value: 6 mg/m ³ NIOSH REL (United States, 10/2016).
-----	---

Additional Occupational Exposure Limit Values for possible hazards during processing:

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Additional information: The lists that were valid during the creation were used as basis.

Exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Personal protective equipment:
General protective and hygienic measures:

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Breathing equipment:

Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: Ensure an MSHA/NIOSH-approved respirator or equivalent is used.

Protection of hands:

Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated. Recommended:

Material of gloves

Nitrile rubber, NBR

(Contd. on page 5)

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/07/2020

Reviewed on 05/07/2020

Trade name: Gloxil WW-SL

(Contd. of page 4)

 Recommended thickness of the material: ≥ 0.11 mm

[EN 374]

Eye protection:

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Body protection:

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

9 Physical and chemical properties

Information on basic physical and chemical properties
General Information
Appearance:

Form:	Pasty
Color:	White
Odor:	Characteristic
Odor threshold:	Not determined.

pH-value at 20°C (68°F) at 20 °C (68 °F): 6.0 - 7.5

Change in condition

Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	80 - 170 °C (176 - 338 °F)

Flash point: Not applicable.

Flammability (solid, gaseous): Not applicable.

Ignition temperature: Not determined.

Decomposition temperature: Not determined.

Auto igniting: Product is not selfigniting.

Danger of explosion: Not considered to be a product presenting a risk of explosion.

Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

Vapor pressure: Not determined.

Density at 20°C (68 °F) at 20 °C (68 °F): 1.05 - 1.15 g/cm³ (8.76225 - 9.59675 lbs/gal)

Relative density Not determined.

Vapor density Not determined.

Evaporation rate Not determined.

Solubility in / Miscibility with

Water: Fully miscible.

Partition coefficient (n-octanol/water): Not determined.

Viscosity:

Kinematic: Not determined.

Other information No further relevant information available.

US

(Contd. on page 6)

Safety Data Sheet
acc. to OSHA HCS

Printing date 05/07/2020

Reviewed on 05/07/2020

Trade name: Gloxil WW-SL

(Contd. of page 5)

10 Stability and reactivity

Reactivity No specific test data related to reactivity available for this product or its ingredients.

Chemical stability The product is stable.

Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

Conditions to avoid No specific data.

Incompatible materials: Reactive or incompatible with the following materials: Strong oxidizer.

Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11 Toxicological information

Information on toxicological effects

Acute toxicity:

LD/LC50 values that are relevant for classification:

CAS: 577-11-7 docusate sodium

Oral	LD50	>2,100 mg/kg (rat)
Dermal	LD50	>10,000 mg/kg (rat)
Inhalative	LC 50 / 96h	20 mg/l (rat)

Conclusion/Summary: Based on available data, the classification criteria are not met.

Primary irritant effect:

on the skin: Based on available data, the classification criteria are not met.

on the eye: Irritating effect.

Sensitization: Conclusion/Summary: Not available.

Additional toxicological information:

Carcinogenic categories

IARC (International Agency for Research on Cancer)

CAS: 7631-86-9	silicon dioxide	3
----------------	-----------------	---

NTP (National Toxicology Program)

None of the ingredients is listed.

OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction):

Germ cell mutagenicity No known significant effects or critical hazards.

Carcinogenicity

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

No known significant effects or critical hazards.

Reproductive toxicity No known significant effects or critical hazards.

STOT-single exposure Not available.

STOT-repeated exposure Not available.

Aspiration hazard Not available.

US

(Contd. on page 7)

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/07/2020

Reviewed on 05/07/2020

Trade name: **Gloxil WW-SL**

(Contd. of page 6)

12 Ecological information

Toxicity

Aquatic toxicity:

CAS: 577-11-7 docusate sodium

LC50 / 96h 49 mg/l (Danio rerio)

EC50 / 48h 6.6 mg/l (Daphnia magna)

EC50 / 72h 82.5 mg/l (algae)

Conclusion/Summary: Based on available data, the classification criteria are not met.

Persistence and degradability No further relevant information available.

Bioaccumulative potential No further relevant information available.

Mobility in soil No further relevant information available.

Additional ecological information:

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

Other adverse effects No known significant effects or critical hazards.

13 Disposal considerations

Waste treatment methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14 Transport information

UN-Number

DOT, ADR, IMDG, IATA Void

UN proper shipping name

DOT, ADR, IMDG, IATA Void

Transport hazard class(es)

DOT, ADR, ADN, IMDG, IATA
Class Void

Packing group

DOT, ADR, IMDG, IATA Void

Environmental hazards:

Not applicable.

Special precautions for user

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

UN "Model Regulation":

Void

(Contd. on page 8)

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/07/2020

Reviewed on 05/07/2020

Trade name: **Gloxil WW-SL**

(Contd. of page 7)

15 Regulatory information

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:

- 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)

Sara

SARA 302/304

Composition/information on ingredients

No products were found.

SARA 304 RQ: Not applicable.

SARA 311/312

Classification: EYE IRRITATION - Category 2A

Composition/information on ingredients

docusate sodium 1 - <3 %

classification: SKIN IRRITATION - Category 2 SERIOUS EYE DAMAGE - Category 1

TSCA (Toxic Substances Control Act):

All components have the value ACTIVE.

Hazardous Air Pollutants

None of the ingredients is listed.

Proposition 65 This product does not require a Safe Harbor warning under California Prop. 65.

Chemicals known to cause cancer:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

Carcinogenic categories

EPA (Environmental Protection Agency)

void

NIOSH-Ca (National Institute for Occupational Safety and Health)

void

National regulations:

Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs): Not listed

Clean Air Act Section 602 Class I Substances: Not listed

Clean Air Act Section 602 Class II Substances: Not listed

DEA List I Chemicals (Precursor Chemicals): Not listed

DEA List II Chemicals (Essential Chemicals): Not listed

State regulations:

Massachusetts: The following components are listed: DIATOMACEOUS EARTH; AMORPHOUS SILICA

New York: None of the components are listed.

New Jersey: None of the components are listed.

Pennsylvania: The following components are listed: SILICA

(Contd. on page 9)

Safety Data Sheet

acc. to OSHA HCS

Printing date 05/07/2020

Reviewed on 05/07/2020

Trade name: Gloxil WW-SL

(Contd. of page 8)

Further information:**International regulations****Chemical Weapon Convention List Schedules I, II & III Chemicals**

Not listed

Montreal Protocol

Not listed

Stockholm Convention on Persistent Organic Pollutants

Not listed

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed

16 Other information

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Procedure used to derive the classification

EYE IRRITATION - Category 2A (Calculation method)

Date of preparation / last revision 05/07/2020 / -**Abbreviations and acronyms:**

NOEL = No Observed Effect Level

NOEC = No Observed Effect Concentration

LC = Lethal 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 européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

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)

NFPA: National Fire Protection Association (USA)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

IOELV = indicative occupational exposure limit values

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

Version history and indication of changes: No previous validation