# Safety data sheet
**according to Regulation (EC) No 1907/2006, Article 31**

Printing date 14.04.2026 Version: 1.00 Revision: 13.04.2026

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

**1.1 Product identifier**
**Safety Data Sheet**
This product is defined as an article under REACH and does not require a Safety Data Sheet under Article 31 of Regulation (EC) No. 1907/2006. Since an SDS is not required, this document does not contain all of the information that is required for substance and mixture SDSs under REACH.

**Trade name:**
**Gloxil light K 25 MAM**
**Nanoform:**
According to the REACH Regulation (EC) 1907/2006, the product is not defined as 'nanoform'.
**1.2 Relevant identified uses of the substance or mixture and uses advised against**
**Application of the substance / the mixture**
Filler
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!)

## SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture**
**Classification according to Regulation (EC) No 1272/2008**
The product is not classified, according to the CLP regulation.

**2.2 Label elements**
**Labelling according to Regulation (EC) No 1272/2008** Void
**Hazard pictograms** Void
**Signal word** Void
**Hazard statements** Void
**Additional information:**
This material is exempt from hazard classification according to Regulation (EC) No. 1272/2008, as amended, on classification, labelling, and packaging of substances and mixtures.
**2.3 Other hazards**
**Results of PBT and vPvB assessment**
**PBT:** Not applicable.
**vPvB:** Not applicable.
**Determination of endocrine-disrupting properties**
The substance/mixture does not contain components considered to have endocrine disrupting properties according to 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

**Ingredients:**

| | | |
|---|---|---|
| CAS: 65997-17-3<br>EINECS: 266-046-0 | Glass, oxide, chemicals (not fibrous) | 75-100% |
| CAS: 7631-86-9<br>EINECS: 231-545-4 | Silicon dioxide (amorphous silica) | 1-<3% |

**Additional information:**
**Bonding agents:**
Various organofunctional silanes and/or paraffinis: The exact chemical composition and concentration of the bonding agents is part of company know-how and, therefore, confidential.

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***Nanoform***
*According to the REACH Regulation (EC) 1907/2006, the product is not defined as 'nanoform'.*

## SECTION 4: First aid measures

***4.1 Description of first aid measures***
***General information:*** *In any cases of doubt or if symptoms are present, seek medical advice.*
***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. If symptoms persist, consult a doctor.*
*Possible discomfort is due to foreign substance effect.*
***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***
*See Section 11.1 Information on toxicological effects.*

***4.3 Indication of any immediate medical attention and special treatment needed***
*No further relevant information available.*

## SECTION 5: Firefighting measures

***5.1 Extinguishing media***
***Suitable extinguishing agents:***
*The product is not flammable.*
*Use fire extinguishing methods suitable to surrounding conditions.*
***5.2 Special hazards arising from the substance or mixture***
*None inherent in this product.*
*In case of fire, the following can be released:*
*Poisonous gases/vapours*
***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*
*Avoid formation of dust.*
*If the atmosphere is particularly dusty, breathing apparatus must be worn.*
***For non-emergency personnel***
*The usual precautionary measures are to be adhered to when handling chemicals.*
***For emergency responders*** *Wear protective equipment. Keep unprotected persons away.*
***6.2 Environmental precautions:*** *Avoid release to the environment.*
***6.3 Methods and material for containment and cleaning up:***
*Pick up mechanically.*
*Collect as much of the spilled material as possible. Use wet sweeping compound or water to avoid dusting.*
*Sweep up.*
*Clean up residue.*
*Dispose contaminated material as waste according to section 13.*
***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.*


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## SECTION 7: Handling and storage

**7.1 Precautions for safe handling**
Prevent formation of dust.
Do not breathe dust/fume/gas/mist/vapours/spray.
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.
Handle packaged products carefully to prevent accidental bursting.
Do not eat, drink, smoke or sniff while working.
Wash hands before breaks and at the end of work.

**7.2 Conditions for safe storage, including any incompatibilities**
**Storage:**
**Requirements to be met by storerooms and receptacles:** No special requirements.
**Information about storage in one common storage facility:** Observe local/state/federal regulations.
**Further information about storage conditions:**
Store in dry conditions.
Keep container tightly sealed.
**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:** | |
|---|---|
| **CAS: 65997-17-3 Glass, oxide, chemicals (not fibrous)** | |
| TWA (EU) | Long-term value: 10(E) / 3(A) mg/m³<br>TWA = Ime weighted average 8h |
| **CAS: 7631-86-9 Silicon dioxide (amorphous silica)** | |
| AGW (Germany) | Long-term value: 4 E mg/m³<br>DFG, 2, Y (TRGS 900) |
| MAK LT. DFG (Germany) | Long-term value: 4 E mg/m³<br>Schwangerschaft Gruppe C |
| HSC -TWA (Great Britain) | Long-term value: 2.4 mg/m³<br>as respirable dust |
| HSC-TWA (Great Britain) | Long-term value: 6 mg/m³<br>as inhalable dust |

**Regulatory information** AGW (Germany): TRGS 900

**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:** Remove soiled clothing and wash it before wearing again.
**Respiratory protection:**
An exposure assessment may be needed to decide if a respirator is required. If a respirator is needed, use respirators as part of a full respiratory protection program. Based on the results of the exposure assessment, select from the following respirator type(s) to reduce inhalation exposure:
Half facepiece or full facepiece air-purifying respirator suitable for particulates
For questions about suitability for a specific application, consult with your respirator manufacturer.
**Hand protection** Not required in normal cases.
**Eye/face protection**
Safety glasses with side shields
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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| **General Information** | |
| **Physical state** | Solid |
| **Colour:** | White |
| **Odour:** | Characteristic |
| **Melting point/freezing point:** | Undetermined. |
| **Boiling point or initial boiling point and boiling range** | Not applicable |
| **Flammability** | Product is not flammable. |
| **Lower and upper explosion limit** | |
| **Lower:** | Not applicable |
| **Upper:** | Not applicable |
| **Flash point:** | Not applicable. |
| **Decomposition temperature:** | Not determined. |
| **pH at 20 °C** | 9-10 (10%) |
| **Viscosity:** | |
| **Kinematic viscosity** | Not applicable. |
| **Solubility** | |
| **water:** | Not miscible or difficult to mix. |
| **Partition coefficient n-octanol/water (log value)** | Not determined. |
| **Vapour pressure:** | Not applicable. |
| **Density and/or relative density** | |
| **Density at 20 °C:** | 0.24 g/cm³ |
| **Particle characteristics** | D50: ~49 µm (ISO 13320 Teil 1 / Cilas)<br>**Nanoform:**<br>According to the REACH Regulation (EC) 1907/2006, the product is not defined as 'nanoform'. |

### 9.2 Other information

| | |
|---|---|
| **Appearance:** | |
| **Form:** | Powder |
| **Important information on protection of health and environment, and on safety.** | |
| **Ignition temperature:** | Not applicable |
| **Explosive properties:** | Not classified |
| **Change in condition** | |
| **Softening point/range** | |
| **Oxidising properties** | Not classified |
| **Evaporation rate** | Not applicable. |

| | |
|---|---|
| **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 |



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## SECTION 10: Stability and reactivity

**10.1 Reactivity** This material is considered to be non reactive under normal use conditions.
**10.2 Chemical stability** Stable under normal conditions.
**10.3 Possibility of hazardous reactions** Hazardous polymerisation will not occur.
**10.4 Conditions to avoid** No further relevant information available.
**10.5 Incompatible materials:** Peroxide
**10.6 Hazardous decomposition products:**
Refer to section 5.2 for hazardous decomposition products during combustion.

## 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: 65997-17-3 Glass, oxide, chemicals (not fibrous)** | | |
| Oral | LD50 | 2,000-5,000 mg/kg (estimated) |
| Dermal | LD50 | >5,000 mg/kg (estimated) |
| **CAS: 7631-86-9 Silicon dioxide (amorphous silica)** | | |
| Oral | LD50 | >5,110 mg/kg (rat) |
| Dermal | LD50 | >5,000 mg/kg (rabbit) |
| Inhalative | LC50 / 4h | >0.691 mg/l (rat) |

**Primary irritant effect:**

**Skin corrosion/irritation**
Mechanical Skin irritation: Signs/symptoms may include abrasion, redness, pain, and itching.

**Values relevant for classification:**

**Serious eye damage/irritation**
Mechanical eye irritation: Signs/symptoms may include pain, redness, tearing and corneal abrasion.
Based on available data, the classification criteria are not met.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**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:**

| **Values relevant for classification:** | | |
|---|---|---|
| **CAS: 7631-86-9 Silicon dioxide (amorphous silica)** | | |
| Oral | NOAEL | 509 mg/kg/day (rate (female)) (1 generation)<br>497 mg/kg/day (rat (male)) (1 generation)<br>1,350 mg/kg/day (rat) (during organogenesis) |

**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 product.

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| **Aquatic toxicity:** | |
|---|---|
| **CAS: 65997-17-3 Glass, oxide, chemicals (not fibrous)** | |
| Konzentration ohne Wirkung | ≥1,000 mg/l (algae) (experimentelles Ergebnis) |
| LC50 / 96h | >1,000 mg/l (Danio rerio) (experimentelles Ergebnis) |
| EC50 | >1,000 mg/l (algae) (experimentelles Ergebnis) |
| EC50 / 72h | >1,000 mg/l (algae) (experimentelles Ergebnis) |
| | >1,000 mg/l (Daphnia magna) (experimentelles Ergebnis) |

**12.2 Persistence and degradability** No further relevant information available.
**12.3 Bioaccumulative potential** No further relevant information available.
**12.4 Mobility in soil**
Please contact the address or phone number listed on the first page of the SDS for additional ecotoxicological information on this material
and/or its components.
**12.5 Results of PBT and vPvB assessment**
**PBT:** Not applicable.
**vPvB:** Not applicable.
**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**
Can be landfilled in compliance with local regulations. Where possible, recycling is preferred to disposal. The material should be stored in sealed containers to prevent the formation of dust.
**Waste disposal key:**
The coding of a waste stream is based on the application of the product by the consumer. Since this is out of the control, no waste code(s) for products after use will be provided. Please refer to the European Waste Code (EWC - 2000/532/EC
and amendments) to assign the correct waste code to your waste stream. Ensure national and/or regional regulations are
complied with and always use a licensed waste contractor.

| **European waste catalogue** | |
|---|---|
| 10 11 12 | waste glass other than those mentioned in 10 11 11 |

**Uncleaned packaging:**
**Recommendation:** Disposal must be made according to official regulations.

## SECTION 14: Transport information

| | |
|---|---|
| **14.1 UN number or ID number**<br>**ADR/RID/ADN, IMDG, IATA** | Void |
| **14.2 UN proper shipping name**<br>**ADR/RID/ADN, IMDG, IATA** | Void |
| **14.3 Transport hazard class(es)**<br>**ADR/RID/ADN, ADN, IMDG, IATA**<br>**Class** | Void |
| **14.4 Packing group**<br>**ADR/RID/ADN, IMDG, IATA** | Void |
| **14.5 Environmental hazards:**<br>**Marine pollutant:** | No |

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| | |
|---|---|
| **14.6 Special precautions for user** | Not applicable. |
| **14.7 Maritime transport in bulk according to IMO instruments** | Not applicable. |
| **UN "Model Regulation":** | Void |

## SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
**Carcinogenicity**
**CAS: 7631-86-9 - Silicon dioxide**
Gr. 3: Not classifiable
[International Agency for Research on Cancer]
**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

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 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.

**Date of previous version:** 22.06.2023
**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
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
IOELV = indicative occupational exposure limit values