

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 06.12.2016

Version number 2

Revision: 06.12.2016

SECTION 1: Identification of the substance/mixture and of the company/undertaking*** 1.1 Product identifier***** Trade name** **Gliding Agent***** Article number:** 4588*** CAS Number:**
65997-17-3*** 1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

*** Application of the substance / the mixture** Additive*** 1.3 Details of the supplier of the safety data sheet***** Manufacturer/Supplier:**Remmers GmbH
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D-49624 Lönningen / Germany
Tel.: +49(0)5432/83-0
Fax: +49(0)5432/3985Remmers (UK) Limited
Unit B1 The Fleming Centre
West Sussex RH10 9NN
fon +44 (0) 1293 594 010
fax +44 (0) 1293 594 037*** Informing department:**Product Safety department: Tel.: Steve Dunn Tel.: +44 (0) 1293 594 010
E-Mail: sales@remmers.co.uk*** 1.4 Emergency telephone number:**during working hours:
U.K.: Tel.: +44 (0) 1293 594 010
sales@remmers.co.uk
Head Office Germany: Tel.: +49 (0)5432 83 187
info@remmers.de
after working hours: Tel.: +49 (0)171 21 34 09124h-Transport Emergency Contact Phone Number:
within USA and Canada: 1-800-424-9300
outside USA and Canada: 001-703-527-3887**SECTION 2: Hazards identification***** 2.1 Classification of the substance or mixture***** Classification according to Regulation (EC) No 1272/2008**

The substance 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*** 2.3 Other hazards***** Results of PBT and vPvB assessment***** PBT:** Not applicable.*** vPvB:** Not applicable.**SECTION 3: Composition/information on ingredients***** 3.1 Chemical characterisation: Substances***** CAS No. Designation:**
65997-17-3 glass, oxide

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SECTION 4: First aid measures

- * **4.1 Description of first aid measures**
- * **General information** No special measures required.
- * **After inhalation** No special requirements.
- * **After skin contact** If skin irritation continues, consult a doctor.
- * **After eye contact** Rinse opened eye for several minutes under running water.
- * **After swallowing** Rinse out mouth and then drink plenty of water.
- * **4.2 Most important symptoms and effects, both acute and delayed**
In case of prolonged/repeated exposure or in high concentrations:
May cause irritation of the eyes.
Irritating effect on respiratory organs.
- * **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** No special measures required.
- * **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- * **5.3 Advice for firefighters**
- * **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

- * **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
- * **6.2 Environmental precautions:**
Do not allow to enter sewage system, surface or ground water.
Do not allow to enter the ground/soil.
- * **6.3 Methods and material for containment and cleaning up:** Collect mechanically.
- * **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 information on disposal.

SECTION 7: Handling and storage

- * **7.1 Precautions for safe handling** No special measures required.
- * **Information about protection against explosions and fires:** The product is not flammable
- * **7.2 Conditions for safe storage, including any incompatibilities**
- * **Storage**
- * **Requirements to be met by storerooms and containers:** No special requirements.
- * **Information on storage in a common storage facility:** none
- * **Further information about storage conditions:**
Store dry.
Store cool.
Protect from frost.
- * **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

- * **Additional information about design of technical systems:** No further data; see item 7.
- * **8.1 Control parameters**
- * **Components with limit values that require monitoring at the workplace:** not applicable
- * **Additional information:** The lists that were valid during compilation were used as a basis.
- * **8.2 Exposure controls**
- * **Personal protective equipment**
- * **General protective and hygienic measures**
Do not eat, drink or smoke while working.

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Use skin protection cream for preventive skin protection.

Be sure to clean skin thoroughly before pauses and after work.

*** Respiratory equipment:**

Short term filter device:

Particle-Filter P2.

*** Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

*** Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

*** Eye protection:** not required.

*** Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

*** 9.1 Information on basic physical and chemical properties**

*** General Information**

*** Appearance:**

Form: Powder

Colour: Whitish

*** Odour:** Odourless

*** Odour threshold:** Not determined.

*** pH-value:** Not applicable.

*** Change in condition**

Melting point/Melting range: 630 °C

Not determined

Boiling point/Boiling range: Not determined

*** Flash point:** Not applicable

*** Inflammability (solid, gaseous)** Product is not inflammable.

*** Ignition temperature:** not applicable

*** Decomposition temperature:** Not determined.

*** Self-inflammability:** Not determined.

*** Danger of explosion:** Product is not explosive.

*** Explosive Limits:**

Lower: Not determined.

Upper: Not determined.

*** Vapour pressure:** Not applicable.

*** Density at 20 °C** ca. 2.5 g/cm³

*** Relative density** Not determined.

*** Vapour density** Not applicable.

*** Evaporation rate** Not applicable.

*** Solubility in / Miscibility with**

Water: Insoluble

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

*** Viscosity:**

dynamic: Not applicable.

kinematic: Not applicable.

Organic solvents: 0.0 %

*** 9.2 Other information** No further relevant information available.

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SECTION 10: Stability and reactivity

- * **10.1 Reactivity** No further relevant information available.
- * **10.2 Chemical stability**
- * **Thermal decomposition / conditions to be avoided:**
No decomposition if handled and stored according to specifications.
- * **10.3 Possibility of hazardous reactions** No dangerous reactions known
- * **10.4 Conditions to avoid** No further relevant information available.
- * **10.5 Incompatible materials:** No further relevant information available.
- * **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- * **11.1 Information on toxicological effects**
- * **Acute toxicity:** Based on available data, the classification criteria are not met.
- * **LD/LC50 values that are relevant for classification:** No further relevant information available.
- * **Primary irritant effect:**
- * **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- * **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- * **Sensitisation:** Based on available data, the classification criteria are not met.
- * **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- * **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.

SECTION 12: Ecological information

- * **12.1 Toxicity**
- * **Aquatic toxicity:** No further relevant information available.
- * **12.2 Persistence and degradability** No further relevant information available.
- * **12.3 Bioaccumulative potential** No further relevant information available.
- * **12.4 Mobility in soil** No further relevant information available.
- * **Other information** It can be mechanically separated in sewage plant facilities.
- * **Additional ecological information:**
- * **General notes:**
not hazardous to water
Generally not hazardous to water.
- * **12.5 Results of PBT and vPvB assessment**
- * **PBT:** Not applicable.
- * **vPvB:** Not applicable.
- * **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- * **13.1 Waste treatment methods**
- * **Recommendation**
Smaller quantities can be disposed of together with household garbage.
The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.
- * **European waste catalogue**
10 11 05 particulates and dust
- * **Uncleaned packaging:**
- * **Recommendation:** Disposal must be made according to official regulations.

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SECTION 14: Transport information

* 14.1 UN-Number	
* ADR, ADN, IMDG, IATA	Void
* 14.2 UN proper shipping name	
* ADR, ADN, IMDG, IATA	Void
* 14.3 Transport hazard class(es)	
* ADR, ADN, IMDG, IATA	
* Class	Void
* 14.4 Packing group	
* ADR, IMDG, IATA	Void
* 14.5 Environmental hazards:	
* Marine pollutant:	No
* 14.6 Special precautions for user	Not applicable.
* 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
* Transport/Additional information:	Not a hazardous good according to the above regulations.
* UN "Model Regulation":	Void

SECTION 15: Regulatory information

- * **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- * **National regulations**
- * **Other regulations, limitations and prohibition ordinances**
Observe the usual protective measures when working and for storage.
- * **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship. Delivery specifications are found in the respective Technical Information Sheets.

- * **Department issuing data specification sheet:** Product Safety department / EHS
- * **Abbreviations and acronyms:**
 IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
 ICAO: International Civil Aviation Organisation
 ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO)
 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
 IATA: International Air Transport Association
 GHS: Globally Harmonised System of Classification and Labelling of Chemicals
 CAS: Chemical Abstracts Service (division of the American Chemical Society)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative