

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 58675 Quartz Sand, light gray, 0 - 0.2 mm

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Revised edition: 11.05.2023

Version: 1.1

Printed: 25.10.2023

### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Quartz Sand, light gray, 0 - 0.2 mm

*Article No.:* 58675

*UFI:* --

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*  
Intermediate product

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* www.kremer-pigmente.com

*E-Mail:* info@kremer-pigmente.com

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

#### 1.4.2 Poison Center:

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Possible Environmental Effects:*

#### 2.2. Label Elements

*Classification according to Regulation (EC) No. 1272/2008 (CLP/GHS)*

*This product does not require classification and labelling as hazardous according to CLP/GHS.*

*Hazard designation:*  
Not applicable.

*Signal word:*

*Hazard designation:*

*Safety designation:*

*Hazardous components for labelling:*

#### 2.3. Other Hazards

*No special hazards known.*

### Composition/Information on Ingredients

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### 3.

#### 3.1. Substance

#### 3.2. Mixture

*Chemical Characterization:*

*Information on Components / Hazardous Ingredients:*

Quartz, Silica (STOT RE1, H372)	100 %	CAS-Nr: 14808-60-7
		EINECS-Nr: 238-878-4
		EC-Nr:

*Additional information:*

*Exempted from the mandatory REACH Registration (Annex V No. 7)*

### 4. First Aid Measures

#### 4.1. Description of the First Aid Measures

*General information:*

*No special measures required.*

*After inhalation:*

*Supply fresh air. Consult physician if symptoms persist.*

*After skin contact:*

*No special measures required.*

*After eye contact:*

*Rinse open eyes with plenty of water. In case of discomfort seek medical help.*

*Remove contact lenses, if present and easy to do. Continue rinsing.*

*After ingestion:*

*Rinse mouth. Do not induce vomiting.*

*If symptoms persist, call a physician.*

#### 4.2. Most important Symptoms and Effects, both Acute and Delayed

*Symptoms:*

*No further information available.*

*Effects:*

*No further information available.*

#### 4.3. Indication of any Immediate Medical Attention and special Treatment needed

*Treatment:*

### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

*Suitable extinguishing media:*

*Product itself does not burn.*

*Use extinguishing media for surrounding fire.*

*Unsuitable extinguishing media:*

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### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

*No special hazards.*

### 5.3. Advice for Firefighters

*Protective equipment:*

*Wear suitable protective clothing.*

*Wear self-contained respiratory protective device.*

*Further information:*

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## 6. Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

*Avoid formation of dust, wear protective clothing.*

*Ensure adequate ventilation.*

### 6.2. Environmental Precautions

*Environmental precautions:*

*Prevent contamination of soil, drains and surface waters.*

### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

*Take up mechanically.*

*Transfer liquids and solid diking material to separate suitable containers for recovery or disposal.*

### 6.4. Reference to other Sections

*Protective clothing, see Section 8.*

*See Section 13 for information on disposal.*

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## 7. Handling and Storage

### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

*Avoid formation and deposition of dust. Provide adequate ventilation.*

*Do not swallow or inhale.*

*Provide adequate ventilation.*

*Hygienic measures:*

*Wash hands at the end of work. Preventive skin protection recommended.*

*Do not eat or drink during work. Do not smoke.*

*Remove contaminated clothing before entering dining areas.*

### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

*Store in tightly sealed containers in a dry and cool room.*

*Requirements for storage areas and containers:*

*No special measures necessary.*

*Information on fire and explosion*

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*protection:*

*No special measures necessary.*

*Storage class:*

*13; Non combustible solids (TRGS 510)*

*Further Information:*

### 7.3. Specific End Use(s)

*Further information:*

## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*TRGS 900*

*TLV: 1.25 mg/m<sup>3</sup> air-borne fraction (general dust limit)*

*TLV: 10 mg/m<sup>3</sup> inhalable fraction (general dust limit)*

*Parameters to be controlled:*

*Silica, Quartz (8h, air-borne; TWA): 0.15 mg/m<sup>3</sup> (AT; CH); 0.1 mg/m<sup>3</sup> (FR; NO; GB; SE; BE; DK); 0.05 mg/m<sup>3</sup> (IT; ES)*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*Use appropriate local exhaust ventilation to control airborne levels.*

*Personal Protection*

*General protective measures:*

*Do not inhale dust. Do not eat, drink or smoke while working.  
Wash hands before breaks and at the end of work.  
Wash contaminated clothes before reuse.*

*Respiratory protection:*

*Dust mask recommended when very dusty (with particle filter P1/P2/P3; EN 143).*

*Hand protection:*

*Not required*

*Protective glove material:*

*Eye protection:*

*Safety glasses with protective shields (EN 166).*

*Body protection:*

*Environmental precautions:*

*Prevent from getting into the soil, surface water and sewage system.*

## 9. Physical and Chemical Properties

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### 9. 1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>grains</i>
<i>Color:</i>	<i>white</i>
<i>Odor:</i>	<i>odorless</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>not applicable</i>
<i>Melting temperature:</i>	<i>not applicable</i>
<i>Boiling temperature:</i>	<i>not applicable</i>
<i>Flash point:</i>	<i>not applicable</i>
<i>Evaporation rate:</i>	<i>not applicable</i>
<i>Flammability (solid, gas):</i>	<i>non-combustible</i>
<i>Upper explosion limit:</i>	<i>no information available</i>
<i>Lower explosion limit:</i>	<i>no information available</i>
<i>Vapor pressure:</i>	<i>not applicable</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>2.56 - 3.0 g/cm<sup>3</sup> (20°C)</i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not applicable</i>
<i>Auto-ignition temperature:</i>	<i>No information available.</i>
<i>Decomposition temperature:</i>	<i>No data available.</i>
<i>Viscosity, dynamic:</i>	<i>not applicable</i>
<i>Explosive properties:</i>	<i>Product does not present an explosion hazard.</i>
<i>Oxidizing properties:</i>	

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*none*

*Bulk density:*

*not determined*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*No further information.*

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## 10. Stability and Reactivity

### 10.1. Reactivity

*Stable if used according to specifications.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*None if used according to specifications.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*No information available.*

*Thermal decomposition:*

### 10.5. Incompatible Materials

*Hydrogen fluoride*

### 10.6. Hazardous Decomposition Products

*None if handled according to specifications.*

### 10.7. Further Information

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## 11. Toxicological Information

### 11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

*Acute Toxicity*

*No information available.*

*LD50, oral:*

*LD50, dermal:*

*LC50, inhalation:*

*Primary effects*

*Irritant effect on skin:*

*No information available*

*Irritant effect on eyes:*

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*No information available.*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No relevant data found.*

*Mutagenicity:*

*No relevant data found.*

*Reproductive toxicity:*

*No information available.*

*Carcinogenicity:*

*No relevant data found.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*No relevant data found.*

*Aspiration hazard:*

*No risk of aspiration.*

### 11. 2. Information on other Hazards

*Inhalation of dust can irritate the respiratory tract.*

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## 12. Ecological Information

### 12. 1. Aquatic Toxicity

*No information available.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

### 12. 2. Persistency and Degradability

*Methods for the evaluation of the biological degradability are not applicable for inorganic substances.*

### 12. 3. Bioaccumulation

*Not relevant.*

### 12. 4. Mobility

*Product is not water soluble.*

### 12. 5. Results of PBT- und vPvP Assessment

*No data available.*

### 12. 6. Endocrine Disrupting Properties

*No data available.*

### 12. 7. Other Adverse Effects

*Water hazard class:*

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*Not hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*Not considered to be environmentally harmful.*

*AOX Value:*

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### 13. Disposal Considerations

#### 13.1. Waste Treatment Methods

*Product:*

*If product cannot be reused or recycled, it has to be disposed of according to current local regulations.*

*Do not let product enter water systems.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Dispose of according to official local regulations.*

*Waste Code No.:*

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### 14. Transport Information

#### 14.1. UN Number

*ADR, IMDG, IATA*

#### 14.2. UN Proper Shipping Name

*ADR/RID:*

*No hazardous goods according to ADR / DOT (US) (land transportation).*

*IMDG/IATA:*

*Not hazardous goods*

#### 14.3. Transport Hazard Classes

*ADR Class:*

*not applicable*

*Hazard no.:*

*Classification code:*

*Tunnel restriction code:*

*IMDG Class (sea):*

*not applicable*

*Hazard no.:*

*EmS No.:*

*IATA Class:*

*not applicable*

*Hazard no.:*

#### 14.4. Packaging Group

*ADR/RID:*

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*not applicable*

*IMDG:*

*IATA:*

14. 5. Environmental Hazards

*None*

14. 6. Special Precautions for User

*Not classified as a dangerous good under transport regulations.*

14. 7. Maritime Transport in Bulk according to IMO Instruments

*not applicable*

14. 8. Further Information

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### 15. Regulatory Information

15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*0, not hazardous (German Regulation)*

*Local regulations on chemical accidents:*

*Employment restrictions:*

*The employment restrictions for young workers in accordance with the Youth Employment Protection Law (§ 22 JArbSchG) are to be observed.*

*Restriction and prohibition of application:*

*Technical instructions on air quality:*

15. 2. Chemical Safety Assessment

*Exempted from the mandatory REACH Registration (Annex V No. 7)*

15. 3. Further Information

*RoHS Directive 2011/65/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS): not listed.*

*Regulation (EC) No. 166/2006 concerning the establishment of a European Pollutant Release and Transfer Register (PRTR): Not listed*

*Regulation (EU) No. 98/2013 on the marketing and use of explosives precursors: Not listed*

*Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable*

*Regulation (EC) 649/2012 concerning the export and import of dangerous chemicals: Not applicable*

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### 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*