

# Quartz Sand

## Safety Data Sheet

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### SECTION 1: Identification

#### 1.1. Identification

**Product name** : Quartz Sand  
**Product form** : Mixture  
**EC number** : 238-878-4  
**CAS-No.** : 14808-60-7  
**Formula** : SiO<sub>2</sub>

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Relevant identified uses** : Main applications (non-exhaustive list):  
Glass, silicate chemistry, abrasives, foundry sand, fillers for textured coatings, adhesives and mortar, filtration, sports and recreation, specialist construction, etc.

**Uses advised against** : Do not use for products which come into contact with foodstuffs.

#### 1.3. Supplier

FARSA Group Ltd  
[Sales@farsagroup.az](mailto:Sales@farsagroup.az)

#### 1.4. Emergency contacts

**Emergency number** : +994512306565

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

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

Not a hazardous substance or mixture.

#### 2.2. Label elements

**Labelling (REGULATION (EC) No 1272/2008)** : Not a hazardous substance or mixture.

#### 2.3. Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not relevant (mixture)

#### 3.2. Mixtures

##### Hazardous component

Name of substance	Identifier	Wt. %
Quartz sand	CAS No: 14808-60-7 EC No: 238-878-4	50 – 100

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

**General advice** : No hazards which require special first aid measures.

**If inhaled** : Move to fresh air.

**In case of skin contact** : Take off contaminated clothing and shoes immediately.  
Wash off with soap and plenty of water.

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- In case of eye contact** : Flush eyes with water as a precaution.  
Remove contact lenses.  
Keep eye wide open while rinsing.
- If swallowed** : Do not induce vomiting without medical advice.  
Rinse mouth with water.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.

### 4.2. Most important symptoms and effects, both acute and delayed

- Symptoms** : See Section 11 for more detailed information on health effects and symptoms.  
**Risk** : No known significant effects or hazards.

### 4.3. Indication of any immediate medical attention and special treatment needed

- Treatment** : Treat symptomatically.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media** : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

### 5.2. Special hazards arising from the substance or mixture

- Hazardous combustion products** : No hazardous combustion products are known.

### 5.3. Advice for firefighters

- Special protective equipment for firefighters** : In the event of fire, wear self-contained breathing apparatus.  
**Further information** : Standard procedure for chemical fires.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- Personal precautions** : Avoid breathing dust.

### 6.2. Environmental precautions

- Environmental precautions** : No special environmental precautions required.

### 6.3. Methods and materials for containment and cleaning up

- Method for cleaning up** : Keep in suitable, closed containers for disposal.

### 6.4. Reference to other section

For personal protection see section 8.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- Advice on safe handling** : For personal protection see section 8. No special handling advice required. Follow standard hygiene measures when handling chemical products.
- Advice on protection against fire and explosion** : Avoid dust formation. Provide appropriate exhaust ventilation at places where dust is formed.
- Hygiene measures** : When using do not eat or drink. When using do not smoke.

### 7.2. Conditions for safe storage, including any incompatibilities

- Requirements for storage areas and containers** : Keep container tightly closed in a dry and well-ventilated place. Store in accordance with local regulations.
- Advice on common storage** : No special restrictions on storage with other products.
- Other data** : Keep in a dry place. No decomposition if stored and applied as directed.

### 7.3. Specific end use(s)

No data available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Components with workplace control parameters

Components	CAS-No.	Value	Control parameters *	Basis *
Quartz (SiO <sub>2</sub> )	14808-60-7	TWA	0,1 mg/m <sup>3</sup>	GB EH40

### 8.2. Exposure controls

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### Personal protective equipment

Eye protection : Safety glasses.

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- Hand protection** : Chemical-resistant, impervious gloves complying with an approved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manufacturer specifications.
- Skin and body protection** : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345, long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing and stirring work.
- Respiratory protection** : Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.  
particulate filter P  
P1: Inert material; P2, P3: hazardous substances  
Ensure adequate ventilation. This can be achieved by local exhaust extraction or by general ventilation. (EN 689 - Methods for determining inhalation exposure). This applies in particular to the mixing / stirring area. In case this is not sufficient to keep the concentrations under the occupational exposure limits then respiration protection measures must be used.
- Environmental exposure controls**
- General advice** : No special environmental precautions required.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Powder	<b>Auto-ignition temperature</b>	No data available
<b>Colour</b>	No data available	<b>Kinematic viscosity</b>	Not applicable
<b>Odour</b>	No data available	<b>Water solubility</b>	Not data available
<b>pH</b>	No data available	<b>Partition coefficient n-octanol/water (log value)</b>	No data available
<b>Melting/freezing point</b>	No data available	<b>Vapour pressure</b>	No data available
<b>Boiling point/range</b>	No data available	<b>Density</b>	ca.2,65 g/cm <sup>3</sup> at 20 °C
<b>Flammability</b>	No data available	<b>Bulk density</b>	ca.1.500 kg/m <sup>3</sup>
<b>Lower/upper explosion limit</b>	No data available	<b>Relative vapour density</b>	No data available
<b>Flash point</b>	Not applicable	<b>Oxidizing properties</b>	No data available

### 9.2. Other information

No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2. Chemical stability

The product is chemically stable.

### 10.3. Possibility of hazardous reaction

No hazards to be specially mentioned.

### 10.4. Conditions to avoid

No data available.

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

No data available.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

- Acute toxicity** : Not classified based on available information.
- Skin corrosion/irritation** : Not classified based on available information.
- Serious eye damage/eye irritation** : Not classified based on available information.
- Respiratory or skin sensitisation** : Skin sensitisation: Not classified based on available information.  
Respiratory sensitisation: Not classified based on available information.
- Germ cell mutagenicity** : Not classified based on available information.
- Carcinogenicity** : Not classified based on available information.
- Reproductive toxicity** : Not classified based on available information.
- STOT - single exposure** : Not classified based on available information.
- STOT - repeated exposure** : Not classified based on available information.
- Aspiration hazard** : Not classified based on available information.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

No data available.

#### 12.2. Persistence and degradability

No data available.

#### 12.3. Bioaccumulative potential

No data available.

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

#### Product:

**Assessment** : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Product** : The generation of waste should be avoided or minimized wherever possible.  
Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.  
Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.  
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.  
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

### SECTION 14: Transport information

**ADR/IATA/IMDG** : Not dangerous goods.

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Prohibition/Restriction

**REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)** : Not applicable.

**REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).** : None of the components are listed (=> 0.1 %).

**REACH - List of substances subject to authorisation (Annex XIV)** : Not applicable.

**REACH information** : All substances contained in our Products are  
- preregistered or registered by our upstream suppliers, and/or  
- preregistered or registered by us, and/or  
- excluded from the regulation, and/or  
- exempted from the registration.

#### 15.2. Chemical safety assessment

This product contains substances for which Chemical Safety Assessments are still required.

### SECTION 16: Other information

ADR	Accord European relative au transport international des marchandises Dangereuses par Route
CAS	Chemical Abstracts Service
DNEL	Derived no-effect level
EC50	Half maximal effective concentration
GHS	Globally Harmonized System
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
LD50 animals)	Median lethal doses (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)

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LC50 period)	Median lethal concentration (concentrations of the chemical in air that kills 50% of the test animals during the observation
MARPOL	International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative and toxic
PNEC	Predicted no effect concentration
REACH	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency
SVHC	Substances of Very High Concern
vPvB	Very persistent and very bioaccumulative

**Disclaimer:**

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