

**Sand**

**1. Identification of the substance/preparation and of the company/undertaking**

**1.1 Product Identifier**

Trade Name: Silica Sand

**1.2 Relevant Identified uses of the substance or mixture and uses advised against**

Uses: Treatment of Spa Water

**1.3 Details of the supplier of the safety data sheet**

Company: Complete Pool Controls Ltd  
Unit 2, The Park  
Stoke Orchard  
Bishops Cleeve  
Gloucestershire  
GL52 7RS

Telephone: +44 (0) 8712 229081

Fax: +44 (0) 8712 229083

E-mail: [sales@cpc-chemicals.co.uk](mailto:sales@cpc-chemicals.co.uk)

**1.4 Emergency Telephone**

Tel: +44 (0) 8712 229081 (office hours) +44 (0) 3712 229084 (outside of office hours)

**2. Hazard 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 regulations

**Label elements**

**Labelling according to Regulation (EC) No 1272/2008**

The product does not have to be labelled due to the calculation procedure of the 'General Classification guideline for preparations of the EU' in the latest version

**3. Composition/information on ingredients**

**3.1 Substances**

Chemical nature: Granulate

Silicon dioxide				
EINECS	CAS	PBT / WEL	CLP Classification	Percent
238-878-4	14808-60-7	-	-	ca.99

**4. First Aid measures**

**4.1 Description of first aid measures**

General advice Show this safety data sheet to the doctor in attendance. Remove from exposure, lie down.

If inhaled: Move to fresh air. Allow patient to assume the most comfortable position and keep warm. Keep at rest until fully recovered. Give drinks of water if required.

4. First Aid measures

4.1 Description of first aid measures

- If Ingested: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. If large quantities of this material are swallowed call a physician immediately. Loosen tight clothing such as a collar, tie, belt or waistband.
- In case of skin contact: Wash with plenty of water. Remove contaminated clothing and shoes.
- In case of eye contact: Rinse immediately with plenty of water, also under the eyelids for at least 15 minutes. Remove contact lenses. Seek medical attention immediately

4.2 Most important symptoms and effects, both acute and delayed

- Inhalation: Prolonged and/or massive exposure to respirable crystalline silica dust may cause silicosis, a nodular pulmonary fibrosis caused by a deposition in the lungs of fine respirable particles of crystalline silica.
- Skin contact: May be irritating. Skin contact may provoke the following symptoms; redness; pain.
- Eye contact: May be irritating. Eye contact may provoke the following symptoms; redness, pain.
- Ingestion: May cause irritation to mucous membranes.

4.3 Indication of immediate medical attention and special treatment needed

- Treatment: Treat Symptomatically.

5. Fire fighting measures

5.1 Extinguishing media:

- Suitable media: Small Fire: Use DRY chemical powder Large Fire: Use water spray, fog or foam.
- Unsuitable media: Water Jet

5.2 Special hazards arising from the substance or mixture

- Specific Hazards: No information available.

5.3 Advice for fire-fighters

- Protective equipment: Wear self contained breathing apparatus (SCBA) and full turn out gear.
- Further Information: No information available.

6. Accidental release Measures

6.1 Personal precautions, protective equipment and emergency procedures

- Personal Precautions: Provide adequate ventilation.  
Avoid prolonged contact with the skin and inhalation of dust concentrations  
An eyewash bottle with clean water should be available.

6.2 Environmental precautions

- Environmental precautions: Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation.  
Advise authorities if spillage has entered water course or sewer or had contaminated soil or vegetation.

6.3 Methods and materials for containment and cleaning up

- Cleaning up: Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation

6.4 Reference to other sections

For personal protection see section 8

## 7. Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling: Use personal protective equipment. Avoid handling which leads to dust formation.

Hygiene measures: Keep away from food, drink & animal feeding stuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of the day. Take off all contaminated clothing immediately. Provide adequate ventilation. Avoid contact with skin and eyes.

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

Storage areas : Store in dry, cool, well-ventilated area. Regularly check for damage to packaging. Keep container tightly closed and dry. Keep away from open flames, hot surfaces and the sources of ignition. Ground all equipment containing material. Do not breathe dust. Avoid airborne dust generation.

Fire and explosion: Keep away from sources of ignition

Further information : Keep container tightly closed. Keep container in a cool, well-ventilated area. Ensure abatement of dust produced during the loading of silos.

Common storage: Keep containers closed and store/handle bagged products so as to prevent accidental bursting  
No further data available

### 7.3 Specific end uses

Specific use(s) No further data available

## 8. Exposure control/personal protection

### 8.1 Control parameters

Silica: Respirable, crystalline			7647-15-5
Regulatory Basis:	Regulatory List:	Value type:	Respirable dust:
UK. EH40 (WELS)	Time Weighted Average (TWA):	Dust	0.1 mg/m <sup>3</sup>

### 8.2 Exposure controls

**Engineering measures** Refer to protective measures listed in sections 7 and 8.

**Personal protective equipment**

Respiratory protection Dust respirator that complies with the requirements of national legislation

Hand protection Use suitable protective gloves if risk of skin contact.

Eye protection Tightly fitting safety goggles.

Skin and body protection Protective clothing.

**Environmental exposure controls**

General advice: Good personal hygiene practises always advisable when working with chemicals.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form: Solid

Colour: Ranges from white to brown

Odour: Odourless

Melting point/melting range: 1610°C

Solubility: Water: Negligible  
Hydrofluoric Acid: Soluble

**9.2 Other Information** No data available

## 10. Stability and reactivity

### 10.1 Reactivity

Reactivity Stable if stored and applied as directed.

### 10.2 Chemical stability

Chemical stability No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions: No hazardous reactions known

### 10.4 Conditions to avoid

Conditions to avoid Avoid excessive heat for prolonged periods of time.

### 10.5 Incompatible materials

Materials to avoid No data available

### 10.6 Hazardous decomposition products

Haz. decomp. products: No data available

## 11. Toxicological Information

### 11.1 Information on toxicological effects

<b>Acute toxicity</b>	LD50	Not available
	LC50	Not available

**Chronic toxicity** Prolonged and/or massive exposure to respirable crystalline silica dust may cause silicosis, a nodular pulmonary fibrosis caused by a deposition in the lungs of fine respirable particles of crystalline silica.

#### Primary irritant effect:

**on the skin:** May irritate skin after prolonged contact.

**on the eye:** Particles in the eyes may cause irritation and smarting

**Sensitization:** No data available

## 12. Ecological Information

### 12.1 Toxicity

Toxicity No specific test data available.

### 12.2 Persistence and degradability

Persistence and degradability No specific test data available.

### 12.3 Bioaccumulative potential

Bioaccumulative potential No specific test data available.

### 12.4 Mobility in soil

Mobility in soil No specific test data available.

### 12.5 Results of PBT and PvB assessment

PBT and PvB No specific test data available.

### 12.6 Other adverse effects

Remarks: No specific test data available.

### 13. Disposal Considerations

#### 13.1 Waste treatment methods

Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### 14. Transport Information

**Transport class:** This product does not req Not applicable

### 15. Regulatory information

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

This product is not classified according to the EU regulations

#### 15.2 Chemical Safety Assessment

No data available

### 16. Other information

Full text of H-statements referred to under sections 2 and 3

#### Further information

Restricted to professional users. Attention - Avoid exposure- obtain special instructions before use

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█ Indicates updated section.