

**MATERIAL SAFETY DATA SHEET**

<b>Product Name:</b> Silica Sands (All Grades)				
<b>1. Chemical product and company identification</b>				
Product name	Silica Sands/Filtration Sand			
Product type and use	Swimming pools			
Company identification	Total Pool Chemicals Ltd			
Address and telephone number	Unit 1, Pool Bank Park High Street, Tarvin, Chester CH3 8JH			
Emergency telephone number	01829 740290			
<b>2. Composition/Information on ingredients</b>				
<b>Chemical Name</b>	<b>CAS No</b>	<b>Content %</b>	<b>Symbol</b>	<b>R-phrase(s)</b>
Silica	14808-50-7			
<b>3. Hazards identification</b>				
Inhalation	Long term exposure to crystalline silica can cause silicosis of the lungs			
Ingestion	Ingestion of dust particles may cause irritation			
Contact with Eyes	Contact with eyes/mucous membranes may cause temporary irritation by abrasion.			
Skin Contact	Prolonged contact with the skin may cause irritation by abrasion.			
<b>4. First-aid measures</b>				
Skin contact	Remove particles and flush with soap and water.			
Contact with eyes	Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.			
Ingestion	Give water and seek immediate medical advice.			

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<b>5. Fire-fighting measures</b>	
Suitable extinguishing media	Material is non-combustable
Special protective equipment	Self contained breathing apparatus for fire fighting if necessary.
<b>6. Accidental release measures</b>	
Personal precautions:	Beware of generational dust.
Environmental precautions:	Non-Hazardous
Methods for cleaning up:	Take up mechanically
<b>7. Handling and Storage</b>	
Safe Handling advice:	Avoid the generation of dust
Advice on protection against fire And explosion	N/A
<b>Storage</b>	
Requirements for storage areas and containers	Should be dry and well ventilated.
<b>8. Exposure controls/Personal Protection</b>	
Ingredients with MEL's	0.1mg/m <sup>3</sup> , 8hr TWA. As Silica (SiO <sub>2</sub> ) Crystalline dust.
Personal protective equipment	
- Hygiene measures	High standards of personal hygiene must be encouraged.
- Respiratory protection	Dust respirator if conditions are dusty.
- Hand protection	Protective gloves recommended
- Body/Eye protection	Overalls are recommended. Chemical goggles and face shield.

<b>Product Name:</b> Silica Sands (All Grades)	
<b>9. Physical and chemical properties</b>	
Appearance	Granular
Colour	Orange
Specific Gravity	2.65
Bulk Density	1600kg/m <sup>3</sup>
<b>10. Stability and reactivity</b>	
	Stable under normal conditions
Conditions to avoid	N/A
Materials to Avoid	N/A
<b>11. Toxicological information</b>	
This material is irritant to the eyes	
Acute toxicity	N/A
Additional Information	N/A
Relevant Observations	The degree of irritation was insufficient to warrant labelling as skin irritant.
<b>12. Ecological Information</b>	
Information on elimination	None
Behaviour in environment	
Mobility and Bio-accumulative potential	This product is in-volatile and in-soluble and will accumulate in the ground. The product is resistant to bio-degradation.
Eco-toxicological Effects – Aquatic Toxicity	N/A

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<b>13. Disposal Considerations</b>	Dispose of via an authorised landfill site
Preparation Recommendation	Take up mechanically.
<b>14. Transport Information</b>	
Road/Rail: ADR/RID	Not dangerous
Inland Sea: AND/ADNR	Not dangerous
Air Transport: ICAO/IATA	Not dangerous
<b>15. Regulatory Information</b>	
Labelling	Not classified as hazardous
The statements made herein are based on our best present experience and are intended to describe product safety requirements. They should not therefore be considered as a warranty of specific properties.	