

## Material Safety Data Sheet – MSDS

Product Name: **StarSil**

Product Use: Silicon Fertiliser

Other Names: Amorphous Silica

### Hazard Identification - Non- Dangerous

Not classified as hazardous according to the criteria of NOHSC.

Not classified as dangerous according to the Australian Dangerous Goods Code

### Composition, Physical and Chemical Properties, Storage

<b>Appearance:</b>	granular	<b>Ingredient</b>	<b>CAS</b>	<b>Proportion</b>
<b>Solubility in water:</b>	sparsely soluble			
<b>Density</b>	0.8 - 1	Silica: Cristobalite	14464 -46 —1	0%
<b>Stability:</b>	Stable under normal conditions of use			
<b>Reactivity:</b>	Hazardous polymerisation will not occur	Amorphous Silica (includes amorphous silica, other oxides and moisture).	61790-53-2	95%
<b>Corrosiveness:</b>	Not corrosive to aluminium			
<b>Storage:</b>	Store in a cool dry place. Do not store near hydrofluoric acid.	Silica: Quartz	14808-60-7	<5%

This product contains less than 0.1% respirable quartz and 0% respirable cristobalite. The National Occupational Health and Safety Commission in 2004 declared a National Workplace Exposure Standard of 0.1mg/m<sup>3</sup> pertaining to dusts containing quartz, cristobalite or trydimite, measured as respirable dust.

### Toxicology Information

<b>Ingested:</b>	Material is inert however is highly absorbent and could cause dehydration if large amounts are consumed
<b>Eye:</b>	Can cause irritation to eyes.
<b>Skin:</b>	Can cause irritation to skin.
<b>Inhaled:</b>	Inhalation can cause irritation to the respiratory tract.

**Chronic Effects:** Prolonged or repeated exposure to this material's dust, or any nuisance dust, may result in irritation to the eyes and respiratory tract. As this product may contain traces of respirable silica, a dust mask must be worn during prolonged and repeated exposure

### Manufactured By

## First Aid Measures

<b>Ingested:</b>	No known adverse effects if ingested in small quantities.
<b>Eye:</b>	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes holding the eyelid(s) open. Seek medical attention if necessary.
<b>Skin:</b>	Remove all contaminated clothing and launder before re - use
<b>Inhaled:</b>	Do not inhale. If inhaled drink plenty of water and blow nose to evacuate dust. Increase ventilation
<b>Spills:</b>	Dampen spilled material to avoid airborne dust. Breathe appropriate respiratory protection.
<b>Fire:</b>	This product is non-flammable
<b>First Aid Facilities:</b>	Ensure an eye bath and safety shower is available and ready to use.
<b>Advise to Doctors:</b>	May cause irritation if contact occurs - if irritation persists, seek medical attention. Treat symptomatically based on the judgement of doctor and individual reactions of patient.

## Exposure Controls and Personal Protection

<b>Exposure Limits:</b>	Amorphous Silica - TWA* 10mg/m <sup>3</sup> Quartz, cristobalite - TWA* 0.1mg/m <sup>3</sup> Dust, not otherwise specified - TWA* 10mg/m <sup>3</sup>
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\*The Time Weighted Average (TWA) airborne concentration over an eight-hour working for a five-day working week over an entire working life. According to current knowledge these concentrations should neither impair the health or, nor cause undue discomfort to all workers. These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept as low as possible. Exposure standards should not be used as a fine dividing line between safe and dangerous concentrations. They are not a measure of relative toxicity.

<b>Personal Protection:</b>	Respiratory Protection: Approved dust respirators for exposure to potentially high dust environments. Ventilation: local exhaust ventilation recommended. Eye Protection: Safety glasses recommended.
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## Other Information

### Contact details



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## Disclaimer

The information given in this data sheet is to the best of our knowledge, true and accurate, but any recommendations or suggestions that may be made are without guarantee, since the conditions of use are beyond our control. The information and recommendations offered are for the user's consideration and is the user's responsibility to satisfy themselves that they are suitable and complete for their purpose. We recommend that the safety and handling information presented in this data sheet be passed on, in an appropriate format, to your customers and handlers.