

# Material Safety Data Sheet

## Legal Disclaimer

The information and recommendations in this publication are, to the best of our knowledge, information and belief, accurate at the date of publication.

Nothing herein is to be construed as a warranty, express or implied. In all cases it is the responsibility of the users to determine the applicability of such information or the suitability of any products for their own particular purpose.

Creation Date 29.11.96

Revision Date 16.02.00

Revision Number 2

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**1 PRODUCT NAME: SAND 16/30**

**PRODUCT CODE:** 15 86 277 025

Other names Filter Sand, Silica Sand

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## 2 COMPOSITION

Ingredients	CAS No	Content	R Phrases
Silica Sand	14808-60-7	N/A	N/A

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## 3 HAZARD IDENTIFICATION

Not classified as hazardous. Possibility of dust generation on handling.

Eyes	Dust will cause transient irritation by abrasion
Skin	Dust may cause irritation by abrasion
Ingestion	Gastrointestinal irritation
Inhalation	Prolonged exposure to dust may have the following effects: long term irreversible effects from inhalation of respirable crystalline silica.

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## 4 FIRST AID

### SKIN

Wash skin thoroughly with soap and water.

### EYES

Immediately flood the eye with plenty of water for at least 10 mins, holding the eye open. Obtain medical attention if soreness or redness persists.

### INGESTION

Wash out mouth with water. Do not induce vomiting. Obtain medical attention.

### INHALATION

Remove from exposure. Keep warm and at rest. If there is difficulty in breathing, give oxygen. Obtain medical attention.

### OTHER INFORMATION

Treat symptomatically.

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## 5 FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Not combustible

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## 6 ACCIDENTAL RELEASE MEASURES

**SPILLAGES** Dry spillage: Sweep or preferably vacuum up and collect in suitable containers for recovery or disposal. Avoid creating a dust. Dampen down with water if possible.  
Moist Spillage: Sweep up into suitable containers for recovery or disposal.

## 7 HANDLING AND STORAGE

**Handling** Avoid creating a dust. Avoid inhaling dust.

**Storage** Storage area should be dry and well ventilated.

## 8 EXPOSURE CONTROL/PERSONAL PROTECTION

Occupational Exposure Limits UK EH40: MEL 0.3mg/m<sup>3</sup> 8h TWA. As SiO<sub>2</sub> Crystalline Dust, respirable:  
Engineering Control Measures: Use of the basic principles of Industrial Hygiene will enable this material to be used safely. Local exhaust ventilation is recommended when dust is likely to be generated from the handling of dry material. Wherever practicable the product should be handled within a closed system.

<b>PPE</b>	Respiratory Hand Eye Skin and Body	Dust respirator if conditions are dusty PVC gloves Chemical goggles or face shield Normal workwear, overall or apron
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## 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Granules
<b>Colour</b>	Buff red
<b>Odour</b>	Odourless
<b>Solubility in water (kg/m<sup>3</sup>)</b>	Insoluble
<b>Density</b>	2650
<b>Particle size range</b>	Variable

## 10 STABILITY AND REACTIVITY

Stable under normal conditions  
Avoid exposure to water or moisture

## 11 TOXICOLOGICAL INFORMATION

This material is an irritant to the eyes.  
This product contains respirable Silica in the form of quartz (particle size range in Microns is stated in Section 9 of this MSDS). Prolonged exposure can give rise to fibrosis of the lungs, commonly referred to as silicosis. The respirable percentage of SiO<sub>2</sub> available to inhale will be dependent upon prevailing conditions.

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## 12 ECOLOGICAL INFORMATION

Mobility The product is involatile and insoluble and will accumulate in the ground.  
Persistence/Degradability The product is resistant to biodegradation.

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## 13 DISPOSAL CONSIDERATIONS

**Substance** Landfill. Dispose of in accordance with all applicable local and national regulations.  
**Containers** Contaminated containers must not be treated as household waste.

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## 14 TRANSPORT INFORMATION

ADR/RID – Description Not classified for conveyance purposes.

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## 15 REGULATORY INFORMATION

Labelling information Not classified  
S Phrases Do not breathe dust. Take precautionary measures against static discharges.

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## 16 OTHER INFORMATION

Uses and restrictions Building materials and additives, ceramic materials, filter, foundry sand, glass  
Manufacture.

**Glossary**  
PPE - Personal Protective Equipment  
N/A - Not Available  
N/K - Not Known

**THE INFORMATION IN THIS MATERIAL SAFETY DATA SHEET SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. THE MANUFACTURER BELIEVES THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF THE DATE OF PUBLICATION, BUT MAKES NO WARRANTY THAT IT IS. ADDITIONALLY, IF THIS MATERIAL SAFETY DATA SHEET IS MORE THAN THREE YEARS OLD, YOU SHOULD CONTACT THE MANUFACTURER TO MAKE CERTAIN THAT THIS SHEET IS CURRENT.**