

## SAFETY DATASHEET

### 1. Name of the product and the company

Product name : **Rådasand<sup>®</sup>**

Area of application : Special sand for things such as water purification and iron foundries

Supplier : Rådasand AB, Sandtagsvägen 1, 531 57 Lidköping, Sweden  
Tel: +46 (0)10-456 89 00  
Email: info@radasand.se

Date issued : 2014-04-01

### 2. Hazardous properties

Health risks : Repeated inhalation of dust can cause varying degrees of irritation in the respiratory organs or lung damage.  
Dust can cause mechanical irritation.

Classification : Not classified in accordance with the Swedish Chemicals Agency's register.

### 3. Composition/classification of the substances

Substance	CAS no.	%	EU number	Classification
SiO <sub>2</sub> , Quartz	14808-60-7	75-83	238-878-4	-

The hygienic limit values are shown in section 8

### 4. First aid

Inhalation : If it is inhaled, move into fresh air.

Contact with the eyes : Avoid it getting into your eyes. Swill carefully with water to remove particles.

### 5. Action in the event of a fire

The product is not flammable.

### 6. Action in the event of a spill/unintentional leak

Personal protection measures : Avoid inhalation of dust. Wear suitable breathing mask where there is inadequate ventilation.

Cleaning methods : Vacuum or brush/clear away the substance carefully to prevent dust accumulation, or rinse with water.

See section 13 for waste handling

### 7. Handling and storage

Handling : Prevent dust collection by using closed handling equipment and/or satisfactory ventilation (local exhaust ventilation).

Storage : Unlimited storage capacity. Plastic bags (PE) must not be stored in sunlight.

See section 8 for limitation of exposure

### 8. Limitation of exposure/personal protection measures

Limit value for exposure : In accordance with the Swedish Work Environment Authority

Substance	Limit value
Quartz	Respirable: 0.1 mg/m <sup>3</sup>

Recommended control method : SKC pump; pre-separator and Millipore filter

Limitation of exposure

at the workplace : Use closed processes, local exhaust ventilation or other technical equipment to keep air-borne levels below the recommended limit value.

Personal protection equipment : Use suitable breathing protection if necessary. Particle filter P3 is recommended. Protective spectacles are recommended.

## 9. Physical and chemical properties

General information

Physical permit : Solid substance (grain).  
Colours : Beige - grey

Important information for health, environment and safety

Grain density : 2.60 Mg/m<sup>3</sup>  
Solubility : Insoluble in water

## 10. Stability and reaction

Stability : The product is stable  
Conditions that shall be avoided : Dry sand must not be used as a blasting material.

## 11. Toxicological information

Other information : As with all work using fine-grained mineral products, you should avoid air-borne dust. Exposure to all forms of dust can constitute a potential health hazard.

## 12. Ecotoxicological information

No environmental risks known

## 13. Waste handling

Residual waste : Waste must be removed in accordance with regional, governmental or local environmental laws.  
Packaging : Plastic packaging should be deposited as flammable waste.

## 14. Transport instructions

The product is not covered by the hazardous goods transport regulations.

## 15. Applicable regulations

AFS 2000:3 The hygienic limit values and measures against air contaminants.

## 16. Other information

This version is version 2.1

Compiled by : GK/HD