



## SAFETY DATA SHEET

# Brogårdsand (all qualities)

The safety data sheet is in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

### SECTION 1: Identification of the substance / mixture and of the company / undertaking

Date issued 06.03.2019

#### 1.1. Product identifier

Product name Brogård sand (all qualities)  
REACH Reg. No., comments Exempted according to 2 § (7) REACH  
CAS No. 14808-60-7  
EC No. 238-878-4

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Product group Washed, dried and sieved sand.  
Use of the substance / preparation The products are used as raw material or finished product in many different applications

#### 1.3. Details of the supplier of the safety data sheet

##### Producer

Company name Brogård sand AB  
Postal address Box 117  
Postcode 566 22  
City Habo  
Country Sverige  
Telephone number 010 – 455 20 40  
Email [info@brogardsand.se](mailto:info@brogardsand.se)

#### 1.4. Emergency telephone number

Emergency telephone Telephone number: Acute: 112 – ask for Poison information center Emergency telephone number at company: 010-455 20 40  
Description: Not available outside office hours

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

CLP classification, comments	No labelling required
Substance / mixture hazardous properties	The Product is not classified as harmful to the environment The Product is not classified as flammable . The Product is not classified as harmful to health

### 2.2. Label elements

### 2.3. Other hazards

PBT / vPvB	Based on available data the product does not contain any PBT-substances or vPvB-substances according to 1907/2006/EC (REACH) enclosure XIII.
Other hazards	Since the sand contains quartz, there are national restrictions regarding dry blasting. See Section 15.

## SECTION 3: Composition / information on ingredients

### 3.1. Substances

Substance	Identification	Classification	Contents
Sand containing quartz (SiO <sub>2</sub> ) **	CAS No.: 14808-60-7 EC No.: 238-878-4		
Remarks, substance	** The classification of quartz depends on the amount of respirable crystalline quartz. The sand used in this product contains < 1% respirable crystalline quartz and is consequently not classified as harmful to health.		

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

General	Seek medical attention and show this safety data sheet.
Inhalation	Fresh air. Wash nose, mouth and throat with water. Get Medical advice if symptoms remain.
Eye contact	In case of dust in the eyes, flush with water.

### 4.2. Most important symptoms and effects, both acute and delayed

Delayed symptoms and effects	Long exposure to high concentrations of dust containing quartz may cause damage to the lungs (silicos).
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### 4.3. Indication of any immediate medical attention and special treatment needed

Medical treatment	Always get medical attention if symptoms remain. Don't give anything through the mouth to an unconscious person. Follow the advice given in section 4.1
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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media	Use extinguishing agents suitable for the surrounding fire.
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Improper extinguishing media	No special recommendations
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## 5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	The Product is not combustible
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## 5.3. Advice for firefighters

Special protective equipment for firefighters	During all firefighting suitable protective equipment should be used. Protective suit covering the whole body and fresh air mask is recommended.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	Use suitable protective equipment, see section 8. Avoid formation of dust. Avoid contact with respiratory tracts.
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### 6.2. Environmental precautions

Environmental precautionary measures	Avoid spreading of dust.
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### 6.3. Methods and material for containment and cleaning up

Containment	Product spill should be collected carefully and put in special containers for waste handling
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### 6.4. Reference to other sections

Other instructions	See Section 8 for further information on personal protection equipment and Section 13 for waste handling.
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## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Handling	"In case of abrasive handling dust containing quartz may arise" (e.g. blowing the sand into silo, transport in tubing with compressed air).
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### Protective safety measures

Protective safety measures	Avoid dust formation.
Advice on general occupational hygiene	The work place shall have an eye shower with tempered water. Wash hands after work is finished, before eating and smoking and after visit to the toilet. No smoking, eating and drinking at the work place.

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

### 7.3. Specific end use(s)

Recommendations	See technical data sheet for further information.
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## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters

Substance	Identification	Value	TWA Year
Inorganic dust		Country of origin: Sverige Limit value type: NGV TWA (8h) : 2,5 mg/m <sup>3</sup> Source: AFS 2018:1 Comments: 2,5 mg/m <sup>3</sup> (Respirabelt) , 5 mg/m <sup>3</sup> (Inhalerbart)	
Quartz	CAS No.: 14808-60-7	Country of origin: Sverige Limit value type: NGV TWA (8h) : 0,1 mg/m <sup>3</sup> <b>Exposure limit letter</b> Letter description: C,M Source: AFS 2018:1	

### 8.2. Exposure controls

#### Safety signs



#### Precautionary measures to prevent exposure

Appropriate engineering controls      Use suitable general ventilation and local process ventilation at risk of dust formation

#### Respiratory protection

Respiratory protection necessary at      In case of exposure to dust use respiratory filter device with particle filter P3.

#### Thermal hazards

Thermal hazards      Not applicable for the product

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state	sand
Colour	light brown - grey
Odour	None
Flammability (solid, gas)	The product is not combustible.
Relative density	Value: 1500 Method: kg/m <sup>3</sup> Comments: bulk density

	Value: 2650 Method: kg/m <sup>3</sup> Comments: material density
Solubility	Medium: Water Comments: not soluble

## 9.2. Other information

### Other physical and chemical properties

Physical and chemical properties No other information is available for the product.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

Reactivity The product is stable if used and stored according to supplier instructions

### 10.2. Chemical stability

Stability The product is stable if used and stored according to supplier instructions

### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions none known

### 10.4. Conditions to avoid

Conditions to avoid none known

### 10.5. Incompatible materials

Materials to avoid none known

### 10.6. Hazardous decomposition products

Hazardous decomposition products none known

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Other information regarding health hazards

Acute toxicity, human experience	The product is not classified as acute toxic.
Skin corrosion / irritation, other information	The product is not classified as irritating or corrosive.
General respiratory or skin sensitisation	The product is not classified as sensitising.
Germ cell mutagenicity, human experience	The product is not classified as mutagene.

Carcinogenicity, other information	The product is not classified as cancerogene.
Reproductive toxicity	The product is not classified as toxic for reproduction..
Other adverse toxicological effects	Longterm exposure to high concentrations of dust containintg quartz may cause damage to the lungs (silicos).

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecotoxicity	The product is not classified as harmful to the environment.. Ecological data for the Product is not available.
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### 12.2. Persistence and degradability

Persistence and degradability description	Biodegradability is not relevant for inorganic substances
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### 12.3. Bioaccumulative potential

Bioaccumulative potential	No information available for the product.
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### 12.4. Mobility in soil

Mobility	No information available for the product.
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### 12.5. Results of PBT and vPvB assessment

PBT assessment results	Based on available data the product does not contain any PBT-substances or vPvB- according to 1907/2006/EC (REACH) enclosure XIII.
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### 12.6. Other adverse effects

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Specify the appropriate methods of disposal	The product is handled as construction waste. It is the responsibility of the company producing the waste to define a suitable waste code connected to industrial sector and process.
EWC waste code	EWC waste code: 170904 mixed construction and demolition wastes other than those mentioned in 17 09 01, 17 09 02 and 17 09 03 Classified as hazardous waste: No
National regulations	Swedish Waste legislation "Avfallsförordningen SFS 2011:927" Local waste regulations

## SECTION 14: Transport information

Dangerous goods	No
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### 14.1. UN number

**14.2. UN proper shipping name**

Technical name / danger releasing substance IMDG	not relevant
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Technical name / danger releasing substance ICAO	Not relevant
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**14.3. Transport hazard class(es)**

Comments	Not relevant
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**14.4. Packing group**

Comments	Not relevant
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**14.5. Environmental hazards**

ADR / RID / ADN	Not relevant
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IMDG	Not relevant
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ICAO / IATA	Not relevant
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**14.6. Special precautions for user**

Special safety precautions for user	Not relevant
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**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

Transport in bulk (yes/no)	No
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**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations / legislation specific for the substance or mixture**

National regulations	Swedish waste regulation "Avfallsförordningen SFS 2011:927" Swedish regulation "Hygienic threshold values " (AFS 2018:1) Swedish regulation "Chemical work Environment risks " (AFS 2011:19) Swedish regulation "AFS 2005:6 – Medical Controls in work Life"
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Legislation and regulations	IMA Europe, Position Paper (February 2010) "Classification and labelling of respirable crystalline silica (RCS)" ECHA, European Chemicals Agency, <a href="https://echa.europa.eu/sv/home">https://echa.europa.eu/sv/home</a>
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Comments	Dry sand blasting According to national regulations in EU member states, sand containing more than a certain amount of free crystalline silica cannot be used for dry blasting. This amount varies between 1% and 5%, according to country.
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**15.2. Chemical safety assessment**

Chemical safety assessment performed	No
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**SECTION 16: Other information**

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Version 1

Comments This version replaces all earlier versions