



# Safety data sheet without legal obligation

Date: 27.01.2017

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## 1. Product and company identification

**Product name:** Glass wool, superfine

**Product No.:** 41408003 (ex 1408/3)

**Synonyms:** Filtration fibres

**Application:** Filtration

### Details of the supplier:

Glaswarenfabrik Karl Hecht GmbH & Co KG  
Stettener Str. 22 - 24  
97647 Sondheim v. d. Rhoen, Germany  
Phone +49 9779 808-0, Fax + 49 9779 808-88, Email info@hecht-assistent.de  
**Emergency phone number** +49 9779 808-0 available during office hours

## 2. Hazards identification

**Classification as per regulation No. 1272/2008/E:** N/A

**Label elements as per regulation No. 1272/2008/E:** N/A

### Additional information

To be handled by trained personnel only with necessary care.

## 3. Composition / information on ingredients

Product is made of textile glass fibres with a nominal diameter of 8 - 50 µm.  
The product contains a maximum of 0.2 % of sizing (spinning agent) based on polyglycols.  
The sizing does not contain any mineral oil.

**Hazardous ingredients:** N/A

## 4. First aid measures

**Eyes:** Rinse with water for several minutes. If irritation persists, seek medical attention.

**Skin:** After contact wash the contaminated skin gently with running water  
If irritation persists, seek medical attention.

**Inhalation:** Allow the victim to rest out in the open or in a well ventilated area. Seek medical attention.

**Ingestion:** Do not induce vomiting. If the victim is not breathing, perform mouth-to-mouth resuscitation.  
Seek immediate medical attention.

**Most important symptoms:** Irritations



## 5. Fire-fighting measures

**Flammability:** Non-flammable.

**Appropriate firefighting media:** Extinguish fire in the surroundings.

**Inappropriate firefighting media (safety reasons):** N/A

**Particular risks specific to the product or its combustion products:**

Under the influence of high temperatures decomposition products like carbon oxide may be generated by the low organic content.

**Required firefighting personal protective equipment:**

Wear self-supplied respiratory protector, complete protection depending on size of fire.

**Additional information:**

Dispose of contaminated water for firefighting according to the prescriptions of (local) authorities.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Do not inhale dust.

Absorb by mechanical means into a waste disposal container. Avoid development of dust.

Dispose material / waste properly as per section 13. See also section 7 and 8.

**Environmental precautions:** Do not allow to get into sewage system or aquatic environment.

## 7. Handling and storage

**Precautions for safe handling**

Increased mechanical stress of the filtration fibres may generate dust and airborne fibres.

Availability of a local suction is advised.

Do not get on skin or in eyes. Do not ingest or inhale. Wear suitable protective clothing.

**Conditions for safe storage including any incompatibilities**

Storage rooms must be well ventilated. Store in closed original packages.

**Restriction on combined storage:** Store away from food.

**Storage conditions:** Dry storage at room temperature. Protect against humidity.

**Special requirements on electric systems and equipment:** N/A

**Static charge prevention:** N/A

**Storage class:** 13

## 8. Exposure controls / Personal protection

**Ingredients with limit values that require monitoring at the workplace**

The product does not contain any relevant quantities of materials with critical values which have to be monitored at the workplace.

**Exposure controls**

If necessary use local exhaust ventilation or other means to keep airborne levels low.



#### Additional remark

The fibres are uniform and are not subject to EC Guideline 97/69/EC.  
Furthermore, they are not considered carcinogenic according to EC Guideline 1999/45/EC.  
The glass fibres have a nominal diameter of 8 - 50 µm.

#### Personal protective equipment

At increased exposure of fibres or dust use

- safety glasses (EN 166)
- dust respirator (dust mask with fine filter according to EN 143), Filter P1 (EN 141)
- long-sleeved lab coat
- safety gloves

## 9. Physical and chemical properties

### Physical state

<b>Appearance:</b>	Fibres
<b>Colour:</b>	Transparent-white
<b>Odour:</b>	Inodorous
<b>pH-Value</b> (2 g in 100 ml water, 20°C):	9.0 - 9.5 (DIN 54276)
<b>Boiling point:</b>	N/A
<b>Melting point:</b>	approx. 690°C (softening point of glass)
<b>Flash point:</b>	N/A
<b>Flammability:</b>	Non-combustible
<b>Ignition temperature:</b>	N/A
<b>Self-ignition:</b>	N/A
<b>Density</b> (20 °C):	2.53 g/cm <sup>3</sup> (unprocessed glass)
<b>Solubility in water / fat:</b>	Insoluble

## 10. Stability und reactivity

<b>Conditions to be avoided:</b>	Humidity
<b>Substances to be avoided:</b>	None if properly used
<b>Hazardous decomposition products:</b>	N/A - Fire: see section 5

## 11. Toxicological information

### Information on toxicological effects

<b>Acute toxicity:</b>	No data available
<b>Primary irritant / caustic action:</b>	No data available
<b>Sensitization:</b>	No sensitizing effect known
<b>Effects after repeated or prolonged exposure:</b>	No data available
<b>Carcinogenic risks:</b>	No - Guideline 97/69/EC
<b>Genotype and reproduction risks:</b>	No data available



## 12. Ecological information

**Elimination data** (Persistence and degradability): No data available  
**Bio-accumulation potential:** No data available  
**Ecotoxic effects:** Do not allow to get into sewage system, aquatic environment or soil.

## 13. Disposal considerations

### Waste treatment methods / Recommendation

The disposal of chemical residues which are hazardous waste is regulated in the EC member countries by corresponding laws and regulations. We recommend you to contact either the authorities in charge or approved waste disposal companies which will advise you on how to dispose of special waste.

### Disposal

Waste Code No.: EWC-Code 101103 (waste glass-based fibrous materials)  
Appropriate (waste) dump or garbage incinerating plant

### Contaminated packaging

Remove fibre remains from packing material. Disposal in compliance with official regulations.

## 14. Transport information

**Special provisions for transport:** N/A  
**Transport/other info:** Non-hazardous goods  
**Marine pollutant:** No

## 15. Other information

### Literature and data sources

Regulations REACH 1907/2006/EC  
Guidelines 97/69/EC, 1999/45/EC, 1272/2008/EC

### Abbreviations

DIN: German standard  
EN: European standard  
N/A: Not applicable

### Remark

The information of this data sheet is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. They do not assure of the properties of the product.

For products no safety data sheets are required as per REACH regulation no. 1907/2006. Therefore the information herein is without warranty of any kind.