

Safety data sheet

according to Regulation (EC) No. 1907/2006

Date 08.10.2013

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: QUARZ WOOL, chemically pure

Article number: Quarzwolle

CAS Number:

7631-86-9

Registration number

A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

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

No further relevant information available.

Application of the substance / the mixture

Laboratory chemical

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Paul Gothe GmbH

Wittener Str. 82

44789 Bochum

Germany

Telefon: +49/(0)234 335180

Telefax: +49/(0)234 308217

E-Mail: service@paulgothe.de

Further information obtainable from: Service

1.4 Emergency telephone number:

Poison Centre Munich

Telefon +49/(0)89 19240

2 Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 Void

Classification according to Directive 67/548/EEC or Directive 1999/45/EC Void

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 Void

Hazard pictograms Void

Signal word Void

Hazard statements Void

2.3 Other hazards

All chemicals are potentially dangerous. They are therefore only be handled by specially trained personnel with the necessary care.

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

(Contd. on page 2)

GB

Safety data sheet

according to Regulation (EC) No. 1907/2006

Date 08.10.2013

Trade name: QUARZ WOOL, chemically pure

(Contd. of page 1)

3 Composition/information on ingredients

3.1 Chemical characterization: Substances

CAS No. Description

7631-86-9 Quarzglas (amorphes Siliciumdioxid)

4 First aid measures



4.1 Description of first aid measures

After inhalation:

After inhalation of dusts:

Supply fresh air; if there is any trouble seek medical help.

After skin contact:

Rinse with warm water.

After eye contact:

After contact with dust:

Rinse opened eye for 10 minutes under running water. If symptoms persist, consult a doctor.

After swallowing:

Ingestion is unlikely to occur.

4.2 Most important symptoms and effects, both acute and delayed

We have no description of any toxic symptoms.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents:

Use fire extinguishing methods suitable to surrounding conditions.

Product non-combustible.

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Ambient fire may liberate hazardous vapours.

In case of fire, the following can be released:

Carbon monoxide and carbon dioxide

5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

(Contd. on page 3)

Safety data sheet

according to Regulation (EC) No. 1907/2006

Date 08.10.2013

Trade name: QUARZ WOOL, chemically pure

(Contd. of page 2)

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not breathe dust.
Avoid contact with the eyes and skin.

6.2 Environmental precautions

Do not allow product to reach sewage system or any water course.

6.3 Methods and material for containment and cleaning up

Pick up mechanically.

6.4 Reference to other sections

See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

7.1 Precautions for safe handling

Provide suction extractors if dust is formed.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

No special requirements.

Information about storage in one common storage facility:

Store away from foodstuffs.

Further information about storage conditions:

Store in dry conditions.

Recommended storage temperature: 15 - 25 °C

7.3 Specific end use(s)

No further relevant information available.

8 Exposure controls/personal protection

Additional information about design of technical facilities:

No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace: Not required.

Additional information:

The lists valid during the making were used as basis.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.
Wash hands before breaks and at the end of work.

(Contd. on page 4)

GB

Safety data sheet

according to Regulation (EC) No. 1907/2006

Date 08.10.2013

Trade name: QUARZ WOOL, chemically pure

(Contd. of page 3)

Individual protection measures

Protective clothing needs to be selected specifically for the workplace, depending on concentrations and quantities of the hazardous substances handled. The chemical resistance of the protective equipment should be enquired at the respective supplier.

Respiratory protection:

Required when dusts are generated: filter P3.

Protection of hands:

Leather gloves

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Tightly sealed goggles

Body protection:

Protective work clothing

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties**General Information****Appearance:**

Form:	Fibres
Colour:	Whitish
Odour:	Odourless
Odour threshold:	No information available.

pH-value: No information available.

Change in condition

Melting point/Melting range:	No information available.
Boiling point/Boiling range:	No information available.

Flash point: Not applicable.

(Contd. on page 5)

Safety data sheet

according to Regulation (EC) No. 1907/2006

Date 08.10.2013

Trade name: QUARZ WOOL, chemically pure

(Contd. of page 4)

Flammability (solid, gaseous):	Product is not flammable.
Ignition temperature:	No information available
Decomposition temperature:	No information available
Self-igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	No information available.
Upper:	No information available.
Oxidizing properties:	No information available.
Vapour pressure:	No information available
Density at 20 °C:	2.0-2.2 g/cm ³
Relative density	No Information available.
Vapour density	No information available
Evaporation rate	No information available
Solubility in / Miscibility with water:	Insoluble.
Partition coefficient (n-octanol/water):	No information available
Viscosity:	
Dynamic:	No information available.
Kinematic:	No information available.
9.2 Other information	No further relevant information available.

10 Stability and reactivity

10.1 Reactivity See section 10.3

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Strong Heating.

>800 °C

10.5 Incompatible materials:

No information available.

10.6 Hazardous decomposition products:

In case of fire: see item 5.

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity:

LD/LC50 values relevant for classification:

Quantitative data on the toxicity of this product are not available.

(Contd. on page 6)

Safety data sheet
according to Regulation (EC) No. 1907/2006

Date 08.10.2013

Trade name: QUARZ WOOL, chemically pure

(Contd. of page 5)

Primary irritant effect:**on the skin:**

Prolonged or repeated contact may cause skin irritations.

on the eye:

Irritating effect.

after inhalation:

After inhalation of dusts:

Irritation symptoms in the respiratory tract.

Sensitization:

No sensitizing effects known.

CMR effects:**Germ cell mutagenicity:**

No known significant effects or critical hazards.

Carcinogenicity:

No known significant effects or critical hazards.

Reproductive toxicity:

No known significant effects or critical hazards.

Aspiration hazard:

No aspiration toxicity classification.

Specific target organ toxicity - single exposure

The substance or mixture is not classified as specific target organ toxicant, single exposure.

Specific target organ toxicity - repeated exposure

The substance or mixture is not classified as specific target organ toxicant, repeated exposure.

Additional toxicological information:

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

Further information:

The product should be handled with the care usual when dealing with chemicals.

12 Ecological information**12.1 Toxicity****Aquatic toxicity:**

Quantitative data on the ecological effect of this product are not available.

12.2 Persistence and degradability

Biologically not degradable.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

Ecotoxicological effects:**Remark:**

Do not allow to enter waters, waste water, or soil!

12.5 Results of PBT and vPvB assessment**PBT:** Not applicable.**vPvB:** Not applicable.

(Contd. on page 7)

Safety data sheet

according to Regulation (EC) No. 1907/2006

Date 08.10.2013

Trade name: QUARZ WOOL, chemically pure

(Contd. of page 6)

12.6 Other adverse effects

No further relevant information available.

13 Disposal considerations**Waste treatment methods****Recommendation**

The disposal is regionally differently regulated, therefore the kind of disposal is to be inquired at the responsible authorities.

Uncleaned packaging:**Recommendation:**

Disposal according to official regulations.

14 Transport information**14.1 UN-Number**

ADR, ADN, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:

Marine pollutant:

No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

UN "Model Regulation":

-

15 Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulations:

Breakdown regulations:

-

Waterhazard class:

Generally not hazardous for water (German regulation).

-

15.2 Chemical safety assessment

(Contd. on page 8)

Safety data sheet
according to Regulation (EC) No. 1907/2006

Date 08.10.2013

Trade name: QUARZ WOOL, chemically pure

A Chemical Safety Assessment has not been carried out.

(Contd. of page 7)

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Department issuing MSDS: Department: Health, Safety and Environment

Contact: Dr. T. Grodten

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

LD50*: Lethal Dose, 50 percent (Not relevant for classification)

LD50*: Lethal Concentration, 50 percent (Not relevant for classification)

* **Data compared to the previous version altered.**