

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Revision Date

05.02.2013

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

Product Information

Catalogue No.: 14-0219
Product name: Absorbent for water absorption trap
Use of the Substance/Mixture: Reagent for analysis, Chemical production
Company: C. Gerhardt GmbH & Co. KG
Cäsariusstr. 97
53639 Königswinter
Tel.: +49 (0)2223 2999-0
info@gerhardt.de

2. Hazards identification

This substance is not classified as dangerous according to European Union legislation.

3. Composition/information on ingredients

Chemical nature: silica gel preparation
Remarks: No dangerous ingredients according to Regulation (EC) No. 1907/2006

4. First aid measures

After inhalation: fresh air.
After skin contact: wash off with plenty of water. Remove contaminated clothing. After eye contact: rinse out with plenty of water.
After swallowing (large amounts): consult doctor if feeling unwell.

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Specific hazards during fire fighting

Not combustible.
Ambient fire may liberate hazardous vapours.

Special protective equipment for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

Further Information

Prevent fire extinguishing water from contaminating surface water or the ground water system.

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6. Accidental release measures

Personal precautions

Avoid inhalation of dusts.

Environmental precautions

Do not empty into drains.

Methods for cleaning up

Take up dry. Forward for disposal. Clean up affected area. Avoid generation of dusts.

7. Handling and storage

Handling

Advice on safe handling

Observe label precautions.

Storage

Further information on storage conditions

Tightly closed. Dry.

Without limitations.

8. Exposure controls/personal protection

Personal protective equipment

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection

required when dusts are generated.

Recommended Filter type: Filter P 1 (acc. to DIN 3181) for solid particles of inert substances

Hand protection

not required

Eye protection

Safety glasses

Hygiene measures

Change contaminated clothing. Wash hands after working with substance.

9. Physical and chemical properties

Form	granules
Colour	orange
Odour	odourless
pH	no data available
Viscosity, dynamic	no data available

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Melting point	> 1.000 °C
Boiling point	no data available
Ignition temperature	no data available
Flash point	no data available
Oxidizing properties	no data available
Flammability	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapour pressure	no data available
Relative vapour density	no data available
Density	no data available
Solubility/qualitative	no data available
Water solubility	no data available
Partition coefficient: n-octanol/water	no data available
Evaporation rate	no data available

10. Stability and reactivity

Conditions to avoid
no information available

Materials to avoid
no information available

Hazardous decomposition products
no information available

Thermal decomposition
823 °C

Further information
hygroscopic

11. Toxicological information

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

Further toxicological data:

Hazardous properties cannot be excluded but are unlikely when the product is handled appropriately.

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Other information

Inhalation of the dusts should be avoided as even inert dusts may impair respiratory organ functions.

Further data:

Handle in accordance with good industrial hygiene and safety practice.

12. Ecological information

Additional ecological information

We have no quantitative data concerning the ecological effects of this product.

Further information on ecology

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

13. Disposal considerations

Product

Chemicals must be disposed of in compliance with the respective national regulations. Under www.retrologistik.de you will find country- and substance-specific information as well as contact partners.

Packaging

Merck product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system. Under www.retrologistik.de you will find special information on the respective national conditions as well as contact partners.

14. Transport information

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

Labelling according to EC Directives

The product does not need to be labelled in accordance with EC directives or respective national laws.

National legislation

Storage class VCI: 10 - 13 Other liquids and solids

Major Accident Hazard
Legislation: 96/82/EC Update: 2003
Directive 96/82/EC does not apply

Water contaminating class
(Germany): WGK 1 slightly water endangering

16. Other information

Regional representation: This information is given on the authorised Safety Data Sheet for your country.

The information contained herein is based on the present state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.
