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**SECTION 1: Identification of the substance/mixture and of the company/undertaking****Product identifier**

Silica gel

**Relevant identified use of substance/preparation and use which is advised against**

None

**Relevant identified uses**

Laboratory chemical (desiccant).

**Details of the supplier of safety data sheet**

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**Emergency Telephone Number: +49 30-19240****SECTION 2: Hazards identification****Classification of the substance or mixture**

The product is not classified according to GHS (Globally Harmonized System).

**Classification according to regulations 67/548/EEC or 1999/45/EC:**

Not applicable.

**Label elements****Labelling according to regulation (EC) No. 1272/2008:**

Not applicable.

**Hazard pictograms:**

Not applicable.

**Signal word:**

Not applicable.

**Hazard statements:**

Not applicable.

**Other hazards:**

The product is strongly absorbing and has a strong drying effect on skin and eyes.

**Results of PBT and vPvB assessment:****PBT:** not applicable**vPvB:** not applicable

**SECTION 3: Composition/information on ingredients**

Substance Name	CAS no..	EC no.	Identification no.	Classification
Silica gel	7631-86-9	231-589-4	None	mixture

**SECTION 4: First aid measures****Description of First aid measures****Inhalation**

Provide fresh air, get medical advice in case of discomfort.

**Skin contact**

Wash skin with plenty of water. Change contaminated clothes.

**Eye contact**

Flush eyes with plenty of flowing water for several minutes holding eyelids apart. Get medical advice in case of discomfort.

**Ingestion**

Rinse mouth.

**Most important symptoms and effects, both acute and delayed**

No additional relevant information available.

**Indication of any immediate medical attention and special treatment needed**

No additional relevant information available.

**SECTION 5: Fire fighting measures****Extinguishing media**

Use fire fighting measures that suitable the environment fire.

**Special hazards arising from the substance or mixture**

Formation of hazardous vapours possible in case of fire.

**Advice for fire-fighters****Additional information**

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**SECTION 6: Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Avoid formation of dust.

Do not inhale dust.

Provide adequate ventilation.

**Environmental precautions**

Do not allow product to enter drains or surface water/ground water.

**Methods and material for containment and cleaning up**

Collect released material. Dispose of collected material in accordance with regulations. Avoid formation of dust. Subsequent cleaning.

**SECTION 7: Handling and storage****Precautions for safe handling**

Do not inhale dust.  
No special measures necessary if product is used correctly.

**Conditions for safe storage including any incompatibilities****Requirements for storage rooms and vessels:**

No special requirements.

**Hints on storage assembly:**

Not conducive.

**Further information on storage conditions:**

Store in dry place, keep container tightly closed.

**Recommended storage temperature:**

No restrictions.

**Specific end uses**

No additional relevant information available.

**SECTION 8: Exposure controls/personal protection****Additional information on the design of technical facilities:**

No additional information. See section 7.

**Exposure controls****Personal protective equipment and hygienic measures:**

Change contaminated clothing immediately.

**Respiratory protection:**

In case of dust formation, use tested breathing apparatus.

**Hand protection:**

Wear protective gloves in case of dust formation.

**Eye protection:**

Wear protective goggles in case of dust formation.

**Body protection:**

Wear protective clothing.

**SECTION 9: Physical and chemical properties****Information on basic physical and chemical properties****Appearance**

Physical state / form:	Granulate, spherical
Colour:	Orange
Odour:	Odourless
pH:	3,5-8 (20 °C, 50 g/ 1 l water)

**Constitutional state**

Melting point:	No data available
Boiling point:	No data available
Flash point:	No data available
Flammability:	No data available
Explosion hazard:	Product is not explosive.
Water solubility/miscibility:	not soluble

**Other information**

No other relevant information available.

**SECTION 10: Stability and reactivity****Reactivity:**

No information available.

**Chemical stability:**

No information available.

**Thermal decomposition/conditions to avoid:**

No information available.

**Possibility of hazardous reactions:**

No information available.

**Conditions to avoid:**

No information available.

**Incompatible materials:**

Halide oxides, sodium/heat, hexafluorides.

**Hazardous decomposition products:**

No data available.

**SECTION 11: Toxicological information****Information on toxicological effects****Acute toxicity:**

Product is not toxic.

**Skin corrosion/irritation:**

Can cause irritations.

**Eye damage/irritation:**

Can cause irritations.

**Sensitisation:**

No sensitizing effect known.

**SECTION 12: Ecological information****Ecotoxicity:**

Do not allow product to enter drains.

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

Dispose of according to local and national regulations.

**Disposal measures:**

Dispose of according to local and national regulations.

**Spillage:**

Remove with broom, shovel or vacuum cleaner.

**SECTION 14: Transport information****Special precautions for user:**

Not applicable.

**Transport/additional information:**

No hazardous good in terms of transport regulations.

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

Labelling according to EC directive, 67/548/EEC

**SECTION 16: Other information**

The information given in this safety data sheet is based on our present available experience and only describes the security appearance of the product. It is up to the user to check if the product is suitable for the respective application. All questions regarding warranty and liability for this product are regulated according to our sales conditions unless legal requirements are differing.

## Change index

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00	11.07.2016	Initial creation	
01	12.07.2016	New emergency telephone no.	Section 1, 1.4

	Date / Name	For questions contact:	see 1.3
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