

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 08.02.2018

Version number 3

Revision: 19.04.2016

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

· 1.1 Product identifier

- Trade name: 050-920, 0509210B, 050-925 • Kaolin Suspension 0.5 g/l
- SDS-ID (International): 200101-4
- SDS Download URL: www.sds-id.com/

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

- Only use for indicated purposes.*
- Application of the substance / the preparation: *Laboratory reagent.*

· 1.3 Details of the supplier of the safety data sheet

· Manufacturer:

*Behnk Elektronik GmbH & Co. KG
Hans-Böckler-Ring 27 • 22851 Norderstedt • Germany*

· Further information obtainable from: *Fon: +49 40 5298610 • Fax: +49 40 5241094 • info@behnk.de*

· 1.4 Emergency telephone number:

*Fon: +49 40 5298610 • Fax: +49 40 5241094 • info@behnk.de
Available during business time.*

2 Hazards identification

· 2.1 Classification of the substance or mixture

- Classification according to Regulation (EC) No 1272/2008
The product is not classified, according to the CLP regulation.

· 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

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

3 Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description:

*Mixture: consisting of the following components.
Mixture of substances listed below with nonhazardous additions.*

- Dangerous components: *Void*
- Additional information: *For the wording of the listed hazard phrases refer to section 16.*

4 First aid measures

· 4.1 Description of first aid measures

- General information: *No special measures required.*
- After inhalation: *Supply fresh air; consult doctor in case of complaints.*

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- **After skin contact:** *Generally the product does not irritate the skin.*
- **After eye contact:** *Rinse opened eye for several minutes under running water.*
- **After swallowing:** *If symptoms persist consult doctor.*
- **4.2 Most important symptoms and effects, both acute and delayed** *No further relevant information available.*
- **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:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** *No further relevant information available.*
- **5.3 Advice for firefighters**
- **Protective equipment:** *No special measures required.*

6 Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** *Not required.*
- **6.2 Environmental precautions:** *No special measures required.*
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
No dangerous substances are released.
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** *No special measures required.*
- **Information about fire - and explosion protection:** *No special measures required.*
- **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:** *Not required.*
- **Further information about storage conditions:** *None.*
- **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.*

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- **8.1 Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **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.
- **Respiratory protection:** *Not required.*
- **Protection of hands:**
For permanent contact gloves are recommended.
E.g. glove material: Nitrile rubber, glove thickness: > 0.1 mm
To avoid skin problems reduce the wearing of gloves to the required minimum.
- **Eye protection:** *Goggles recommended during refilling*

9 Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

Form:	<i>Fluid</i>
Colour:	<i>White</i>
Odour:	<i>Odourless</i>
Odour threshold:	<i>Not determined.</i>

· pH-value at 20 °C: *8.1*

· Change in condition

Melting point/freezing point:	<i>0 °C</i>
Initial boiling point and boiling range:	<i>100 °C</i>

· Flash point: *Not applicable.*

· Flammability (solid, gas): *Not applicable.*

· Decomposition temperature: *Not determined.*

· Auto-ignition temperature: *Product is not selfigniting.*

· Explosive properties: *Product does not present an explosion hazard.*

· Explosion limits:

Lower:	<i>Not determined.</i>
Upper:	<i>Not determined.</i>

· Vapour pressure at 20 °C: *23 hPa*

Density at 20 °C:	<i>1.0008 g/cm³</i>
Relative density	<i>Not determined.</i>
Vapour density	<i>Not determined.</i>
Evaporation rate	<i>Not determined.</i>

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· Solubility in / Miscibility with water:	<i>Not miscible or difficult to mix.</i>
· Partition coefficient: n-octanol/water:	<i>Not determined.</i>
· Viscosity:	
Dynamic:	<i>Not determined.</i>
Kinematic:	<i>Not determined.</i>
· Solvent content:	
Organic solvents:	<i>0.0 %</i>
Water:	<i>99.9 %</i>
· 9.2 Other information	<i>No further relevant information available.</i>

10 Stability and reactivity

- 10.1 Reactivity *No further relevant information available.*
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: *No decomposition if used according to specifications.*
- 10.3 Possibility of hazardous reactions *No dangerous reactions known.*
- 10.4 Conditions to avoid *No further relevant information available.*
- 10.5 Incompatible materials: *No further relevant information available.*
- 10.6 Hazardous decomposition products: *No dangerous decomposition products known.*

11 Toxicological information

- 11.1 Information on toxicological effects
- Acute toxicity *Based on available data, the classification criteria are not met.*
- Primary irritant effect:
- Skin corrosion/irritation *Based on available data, the classification criteria are not met.*
- Serious eye damage/irritation *Based on available data, the classification criteria are not met.*
- Respiratory or skin sensitisation *Based on available data, the classification criteria are not met.*
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
- Germ cell mutagenicity *Based on available data, the classification criteria are not met.*
- Carcinogenicity *Based on available data, the classification criteria are not met.*
- Reproductive toxicity *Based on available data, the classification criteria are not met.*
- STOT-single exposure *Based on available data, the classification criteria are not met.*
- STOT-repeated exposure *Based on available data, the classification criteria are not met.*
- Aspiration hazard *Based on available data, the classification criteria are not met.*

12 Ecological information

- 12.1 Toxicity
- Aquatic toxicity: *No further relevant information available.*
- 12.2 Persistence and degradability *No further relevant information available.*
- 12.3 Bioaccumulative potential *No further relevant information available.*
- 12.4 Mobility in soil *No further relevant information available.*

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- **Additional ecological information:**
- **General notes:** *Generally not hazardous for water*
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*
- **12.6 Other adverse effects** *No further relevant information available.*

13 Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** *Smaller quantities can be disposed of with household waste.*
- **Uncleaned packaging:**
- **Recommendation:** *Disposal must be made according to official regulations.*

* 14 Transport information

· 14.1 UN-Number	
· ADR, ADN, IMDG, IATA	<i>Void</i>
· 14.2 UN proper shipping name	
· ADR, ADN, IMDG, IATA	<i>Void</i>
· 14.3 Transport hazard class(es)	
· ADR, ADN, IMDG, IATA	
· Class	<i>Void</i>
· 14.4 Packing group	
· ADR, IMDG, IATA	<i>Void</i>
· 14.5 Environmental hazards:	
· Marine pollutant:	<i>No</i>
· 14.6 Special precautions for user	<i>Not applicable.</i>
· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	<i>Not applicable.</i>
· UN "Model Regulation":	<i>Void</i>

* 15 Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** *None of the ingredients is listed.*
- **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

EU

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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 SDS:** *Product safety department*

· **Contact:**

Fon: +49 40 5298610 • Fax: +49 40 5241094 • info@behnk.de

Available during business time.

· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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 Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

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

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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