

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 8.12.2017

Version number 3

Revision: 8.12.2017

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

- **Product identifier**
 - Trade name: **StabilRoad**
 - **Relevant identified uses of the substance or mixture and uses advised against**
 - **Application of the substance / the preparation** Cement additive
- **Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
B & K Industries
Ortnergasse 9
DE-93047 Regensburg
 - Tel.: +49 (0) 151 / 17 24 25 81
 - **Informing department:** Tel.: +49 (0) 151 / 17 24 25 81
 - **Emergency telephone number:**
Tel. +49 (0) 151 / 17242581
(Office hours 09.00 - 16.00)

2 Hazards identification

- **Classification of the substance or mixture**
 - **Classification according to Regulation (EC) No 1272/2008**



GHS07

Eye Irrit. 2 H319 Causes serious eye irritation.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Void
- **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
- **Label elements**
 - **Labelling according to EU guidelines:**
Observe the normal safety regulations when handling chemicals
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials.
 - **Special labelling of certain preparations:**
Safety data sheet available for professional user on request.
- **Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

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3 Composition/information on ingredients

- **Chemical characterization: Mixtures**

- **Description:** Mix of the substances listed below including additives not requiring identification.

- **Dangerous components:**

CAS: 1309-48-4 EINECS: 215-171-9	magnesium oxide substance with a Community workplace exposure limit	5-10%
CAS: 10043-52-4 EINECS: 233-140-8	calcium chloride  Xi R36  Eye Irrit. 2, H319	5-10%

- **Additional information** For the wording of the listed risk phrases refer to section 16.

4 First aid measures

- **Description of first aid measures**

- **General information** No special measures required.

- **After inhalation** Supply fresh air; consult doctor in case of symptoms.

- **After skin contact**

The product is not skin irritating.

Rinse with water.

- **After eye contact**

Rinse opened eye for several minutes under running water.

In case of permanent aches and pains please go and see the doctor.

- **After swallowing**

Rinse out mouth and then drink plenty of water.

In case of persistent symptoms consult doctor.

- **Information for doctor**

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

No further relevant information available.

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

No further relevant information available.

5 Firefighting measures

- **Extinguishing media**

- **Suitable extinguishing agents**

The product itself does not burn.

Use fire fighting measures that suit the environment.

- **Special hazards arising from the substance or mixture** No further relevant information available.

- **Advice for firefighters**

- **Protective equipment:** No special measures required.

6 Accidental release measures

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

Avoid causing dust.

Avoid contact with the product.

- **Environmental precautions:** Do not allow to enter drainage system, surface or ground water.

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

Collect mechanically.

Avoid dust generation.

- **Reference to other sections**

No dangerous materials are released.

See Section 7 for information on safe handling

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

7 Handling and storage

- **Handling**
 - **Precautions for safe handling** Prevent formation of dust.
 - **Information about protection against explosions and fires:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
 - **Storage**
 - **Requirements to be met by storerooms and containers:** No special requirements.
 - **Information about storage in one common storage facility:** Not required.
 - **Further information about storage conditions:** Store under dry conditions.
 - **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Control parameters**
 - **Components with limit values that require monitoring at the workplace:**
 - General threshold value for dust:
 - respirable fraction: 3mg/m³
 - inhalable fraction: 10 mg/m³
 - OEL: occupational exposure limit
 - WEL: workplace exposure limit
 - E = respirable dust fraction
 - A = inhalable dust fraction

1309-48-4 magnesium oxide

WEL	Long-term value: 10* 4** mg/m ³ (as Mg) *inhalable dust **fume and respirable dust
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- **Additional information:** The lists that were valid during the compilation were used as basis.

- **Exposure controls**
 - **Personal protective equipment**
 - **General protective and hygienic measures**
 - The usual precautionary measures should be adhered to general rules for handling chemicals.
 - Wash hands during breaks and at the end of the work.
 - Avoid contact with the eyes and skin.
 - **Breathing equipment:**
 - Use a breathing protection if high concentrations are present.
 - Filter P2.
 - **Protection of hands:**
 - Protective gloves are only required in case of intense and/or prolonged skin contact with the product.
 - **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. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
 - **Penetration time of glove material**
 - With solid dry substances permeation is not to be expected. Therefore the breakthrough-time for this protective glove has not been measured.
 - **For the permanent contact gloves made of the following materials are suitable:**
 - Nitrile rubber, NBR
 - Chloroprene rubber, CR
 - PVC gloves

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- **Eye protection:**
Avoid all eye contact.
Where dusting potential exist, goggles should be worn.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:** Powder
- **Form:** Granulate
- **Colour:** Beige
- **Odour:** odourless
- **Odour threshold:** Not determined.

- **pH-value at 20°C:** 8,5

- **Change in condition**

- **Melting point/Melting range:** Not determined
- **Boiling point/Boiling range:** Not determined

- **Flash point:** Not applicable

- **Inflammability (solid, gaseous)** Product is not inflammable.

- **Ignition temperature:**

- **Decomposition temperature:** Not determined.

- **Self-inflammability:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive.

- **Vapour pressure:** Not applicable.

- **Density at 20°C** 1000 kg/m³
- **Vapour density** Not applicable.

- **Solubility in / Miscibility with**

- **Water:** Partly soluble

- **Viscosity:**

- **dynamic:** Not applicable.

- **Solvent content:**

- **Solids content:** 100.0 %

- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity**

- **Chemical stability**

- **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

- **Possibility of hazardous reactions** No dangerous reactions known

- **Conditions to avoid** No further relevant information available.

- **Incompatible materials:** No further relevant information available.

- **Hazardous decomposition products:**

None in case of intended use and storage in compliance with instructions.

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11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:** Not toxic

- **Primary irritant effect:**

- **on the skin:** No irritant effect.

- **on the eye:** Slightly irritant

- **Sensitization:** No sensitizing effect known.

- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.

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

12 Ecological information

- **Toxicity:** Not toxic (especially no aquatic toxicity as per German standards)

- **Persistence and degradability:** Not applicable

- **Other information:** Not applicable.

- **Behaviour in environmental systems:**

- **Bioaccumulative potential:** Does not accumulate in organisms

- **Mobility in soil:** Not expected.

- **Additional ecological information:** Suitable for drinking water

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No adverse effects known.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Can be reused without processing.

The waste code numbers mentioned are recommendations based on the probable use of the product.

- **European waste catalogue**

01 00 00	WASTES RESULTING FROM EXPLORATION, MINING, QUARRYING, AND PHYSICAL AND CHEMICAL TREATMENT OF MINERALS
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01 04 00	wastes from physical and chemical processing of non-metalliferous minerals
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01 04 10	dusty and powdery wastes other than those mentioned in 01 04 07
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06 00 00	WASTES FROM INORGANIC CHEMICAL PROCESSES
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06 03 00	wastes from the MFSU of salts and their solutions and metallic oxides
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06 03 14	solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13
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- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

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14 Transport information

· UN-Number · ADR, ADN, IMDG, IATA	Void
· UN proper shipping name · ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es) · ADR, ADN, IMDG · Class	Void
· IATA · Class	Void Not Restricted.
· Packing group · ADR, IMDG, IATA	Void
· Environmental hazards: · Marine pollutant:	No
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	-

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
 - **Designation according to EC guidelines:**
Observe the normal safety regulations when handling chemicals
The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials.
 - **Special designation of certain preparations:**
Safety data sheet available for professional user on request.
 - **National regulations**
 - Water hazard class:** Not hazardous to water as per German regulation
 - Technical Instructions on Air Quality:** None.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
H319 Causes serious eye irritation.
R36 Irritating to eyes.

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· 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)

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

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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