

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date: 27.05.2016

Version: 1.02

Revision: 27.05.2016

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

- **1.1 Product identifier**
- **Trade name:** **SB-M Spritz-Beton-Mischwasser; SBK-08 Mischwasser (M-10)**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:** -
- **Application of the substance / the preparation:**
Mixed water for mineral coatings IBB and SBK-08 for fairfaced concrete cosmetic types
- **Uses advised against** -
- **1.3 Details of the supplier of the safety data sheet**
- **Supplier/Manufacturer:**
SYNFOLA GmbH
Seestrasse 24 C
CH-8806 Bäch SZ
- Telefon: (0041) (0)55 283 36 90
Fax: (0041) (0)55 283 36 91
- **Email competent person:** sds@kft.de
- **Information department:** See supplier/manufacturer
- **1.4 Emergency telephone number:**
National Poison Information Service (NPIS)
24 hour national number professionals only
0844 892 0111
- National Health Service (NHS)
24 hour national number consumer
England and Scotland: 111
Wales: 0845 46 47
Northern Ireland: call your local General Practitioner
- Call 999 if there is a life-threatening incident.

SECTION 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

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Dispersion of acrylic polymers auxiliary agents in water
- **Dangerous components:** Void

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SECTION 4: First aid measures

- **4.1 Description of first aid measures**
 - **General information:**
 - Never give anything by mouth to an unconscious person.
 - If symptoms persist or in case of doubt, seek medical advice.
 - **After inhalation:** Supply fresh air.
 - **After skin contact:** Wash with water and soap.
 - **After eye contact:**
 - Rinse the eyes with open eyelids for 10 - 15 minutes with water.
 - If symptoms persist, consult a doctor.
 - **After swallowing:**
 - Rinse out mouth and then drink plenty of water.
 - Seek immediate medical advice.
 - **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** Symptomatic treatment
-

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
 - **Suitable extinguishing agents:**
 - CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
 - **For safety reasons unsuitable extinguishing agents:** No data available
 - **5.2 Special hazards arising from the substance or mixture**
 - In case of fire, the following can be released:
 - Carbon dioxide (CO₂)
 - Carbon monoxide (CO)
 - **5.3 Advice for firefighters**
 - **Protective equipment:** Wear self-contained respiratory protective device.
 - **Additional information:** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.
-

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.
 - **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:**
 - Dam up larger quantities and pump into containers.
 - Small quantities:
 - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
 - Rinse residues with water.
 - Make sure to recycle or dispose of in suitable receptacles.
 - **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.
-

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special precautions are necessary if used properly.
- **Information about protection against explosions and fires:** Observe the general rules of industrial fire protection.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store at ambient temperature.

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- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from feed.
Refer to national regulations for storing hazardous chemicals.
 - **Further information about storage conditions:**
Keep receptacle tightly sealed.
Protect from frost.
 - **Storage class:** 10-13 other combustible and non-combustible substances
 - **7.3 Specific end use(s)** No further relevant information available
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SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
 - **8.1 Control parameters**
 - **Components 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 that were valid during the creation were used as basis.
 - **8.2 Exposure controls**
 - **Personal protective equipment:**
 - **General protective and hygienic measures:**
The usual precautionary measures should be adhered to when handling chemicals.
Keep away from foodstuffs, beverages and feed.
Wash hands before breaks and at the end of work.
 - **Breathing equipment:** Not necessary if you follow the instructions for use
 - **Protection of hands:**
Chemical resistant gloves (EN 374)
The glove material has to be impermeable and resistant to the product/substance/preparation.
Selection of the glove material in consideration of the penetration times, rates of diffusion and the degradation
After use of gloves apply skin-cleaning agents and skin cosmetics.
 - **Material of gloves:**
Nitrile rubber (0.4 mm) thickness
Chloroprene rubber (0.5 mm) thickness
Butyl rubber (0.7 mm) thickness
The selection of suitable gloves depends upon the material, and also upon the quality of the gloves. The degree of protection will vary 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:**
The above-mentioned times are based on reference values as per EN 374. Under practical conditions (33 °C – taking into account the body temperature), the maximum wearing time is to be limited to one-third.
The exact penetration time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - **Eye protection:** Safety glasses with side shields
 - **Body protection:** Protective work clothing
-

SECTION 9: Physical and chemical properties

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

Form:	Liquid
Colour:	White
Odour:	Light
Odour threshold:	No data available
 - **pH-value:** 7.5-8.5
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· Change in condition:	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	100 °C (1000 hPa)
Solidification temperature / range:	0 °C
· Flash point:	Not applicable
· Flammability (solid, gaseous):	Not applicable
· Ignition temperature:	
Decomposition temperature:	Not determined
· Self ignition temperature:	Product is not self-igniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits:	
Lower:	Not applicable
Upper:	Not applicable
· Vapour pressure at 20 °C:	23 mbar
· Density at 20 °C:	1.03-1.06 g/cm ³ (ISO 2811-1)
· Relative density:	Not determined
· Vapour density:	Not determined
· Evaporation rate:	Not determined
· Solubility in / Miscibility with Water:	Miscible
· Partition coefficient (n-octanol/water):	Not determined
· Viscosity:	
dynamic at 23 °C:	100-230 mPas (DIN EN ISO 3219)
kinematic:	Not applicable
· Solvent content:	
Solids content:	10-12 (DIN EN ISO 3251)
· 9.2 Other information	No further relevant information available

SECTION 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 and stored according to specifications
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** Conditions to be avoided: see chapter 7.
- **10.5 Incompatible materials:** No further relevant information available
- **10.6 Hazardous decomposition products:**
No hazardous decomposition products if instructions for storage and handling are followed

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **LD/LC50 values that are relevant for classification:**
LD50/oral (rat): > 2000 mg/kg
Conclusion by analogy

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- **Primary irritant effect:**
 - **Skin corrosion/irritation**
No irritating effect species: rabbit OECD test 404
In analogy to similar products
 - **Serious eye damage/irritation**
No irritating effect species: rabbit (eye) OECD test 405
In analogy to similar products
 - **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**
Ames-test: negative
The product itself has not been tested. Information is based on products of similar structure and composition.
 - **Carcinogenicity** No data available
 - **Reproductive toxicity** No data available
 - **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.
-

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:**
In analogy to similar product
EC₂₀ > 100 mg/l (activated sludge) (DIN EN ISO 8192-OECD 209-88/302/EWG)
0,5h
EC₅₀/48h (static) > 100 mg/l (Daphnia magna) (OECD 202, Teil 1)
EC₅₀/72h (static) > 100 mg/l (Scenedesmus subspicatus) (OECD 201)
LC₅₀/96h (static) > 100 mg/l (Brachydanio rerio) (OECD 203)
- **12.2 Persistence and degradability** No further relevant information available
- **Other information:**
This product can be removed from water by abiotic processes to a large extent.
Level of elimination: > 70%
Method of analysis: DOC reduction
Test method: OECD 303
Assessment: easy to eliminate
- **12.3 Bioaccumulative potential** No bioaccumulation to be expected
- **12.4 Mobility in soil** No further relevant information available
- **Ecotoxic effects:**
- **Other information:** Do not allow product to enter water courses without necessary pretreatment.
- **Additional ecological information:**
- **General notes:**
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous to water
According to appendix 4 of VwVwS dated 17.05.1999 (German regulation)
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable
- **vPvB:** Not applicable
- **12.6 Other adverse effects** No further relevant information available

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SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation:**

Must be recycled or disposed of according to the regulations. Waste has to be classified according to the European Waste Catalogue based on the identification of the waste generating source.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**

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

SECTION 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 Marpol and the IBC Code**

Not applicable

- **Transport/Additional information:**

Not dangerous according to the above regulations

SECTION 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.

- **National regulations**

- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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:**

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Im Leuschnerpark. 3 64347 Griesheim
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Germany

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Safety Data Sheet Service: +49 6155 8981 522

· **Contact:** Angelika Torges· **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

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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

SVHC: Substances of Very High Concern

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