

Preliminary remark

MULTIBETON screed emulsions can be stored in tightly closed containers at a storage temperature of +5 °C to +30 °C for a maximum of 6 months. All the following information refers to the pure undiluted product. In the doses prescribed by MULTIBETON, the product is chemically absorbed into the cement mortar and is therefore not hazardous and no longer detectable.

Dangers potentiels

Irritating to eyes, risk of serious eye damage, may cause respiratory tract irritation, may cause skin irritation.

First aid measures

- First action: Remove contaminated clothing;
- After inhalation: Rest, fresh air and consult a doctor;
- After skin contact: Wash off thoroughly with plenty of water;
- After eye contact: Immediately rinse thoroughly with running lukewarm water with eyelids apart for at least 15 minutes and consult a doctor;
- After swallowing: Rinse mouth immediately and drink plenty of water, consult a doctor.

Firefighting measures for contaminated parts

- Suitable extinguishing agents: Water, powder, foam or carbon dioxide;
- Can be released in case of fire: Carbon monoxide;
- Special protective measures: Use self-contained breathing apparatus;
- Disposal of extinguishing water: Collect contaminated extinguishing water separately, must not be discharged into the sewage system.

Accidental release measures

- Personal precautions: Ensure adequate ventilation, wear protective equipment, keep unprotected persons away, avoid contact with skin and eyes, use respiratory protection in case of exposure to vapours/dust/aerosol, risk of slipping due to leaked/spilled product;
- Environmental precautions: Do not allow to enter drains/surface water/groundwater, if product enters waterways or drains, inform responsible authorities, knock down gases/vapours/mist with water spray;
- Methods for cleaning up/absorption: Ensure adequate ventilation, absorb with liquid-binding material (sand, diatomaceous earth, universal binder), place in suitable containers for recovery or disposal, dispose of the absorbed material in accordance with regulations.

Handling and storage

- Handling: Ensure good ventilation at the workplace, avoid contact with skin and eyes, the material is not flammable;
- Storage: Keep container tightly closed, protect from frost, comply with water regulations.

Exposure controls and monitoring

Personal protective equipment

- Limit values: No relevant quantities of substances with limit values that require monitoring at the workplace;
- Additional information: The lists valid at the time of preparation serve as a basis for limiting and monitoring exposure;
- Personal protective equipment: The usual precautionary measures for handling chemicals must be observed;
- Respiratory protection: Not required;
- Hand protection: Only use chemical protective gloves with a CE marking of category III, glove material nitrile rubber, neoprene, PVC or PE. The exact breakthrough time can be obtained from the manufacturer of the protective gloves and must be observed;
- Eye protection: Safety goggles recommended when decanting;
- Body protection: Protective work clothing.

Physical and chemical properties

- Appearance: Liquid, milky white in colour;
- Odour: Mild;
- PH value: 9 – 10 at 20 °C;
- Change of state: Melting point/melting range: -3 °C;
- Boiling point/boiling range: 100 °C;
- Flash point: Not applicable;
- Spontaneous flammability: Not spontaneously flammable;
- Explosion hazard: Not explosive;
- Solubility in/miscibility with water: Miscible.

Stability and reactivity

- Possibility of hazardous reactions: Exothermic reaction with acids, reaction with base metals;
- Conditions to avoid: Do not overheat to avoid thermal decomposition;
- Incompatible materials: Strong acids, base metals, ammonium salts;
- Hazardous decomposition products: Carbon monoxide.

Toxicological information

- Primary irritant effect: Irritating to skin, strong irritant effect with risk of serious eye damage;
- Sensitisation: Contains a sensitising substance, may cause allergic reactions;
- Additional toxicological information: The product exhibits the following hazards based on the calculation method of the EC General Classification Guidelines for Preparations as issued in the latest version: Irritant on pure contact.

Environmental information

- Biodegradability: readily biodegradable

Disposal

- Disposal according to local, official regulations, must not get into the groundwater.

Transport

- UN number ADR, ADN, IMDG, IATA not applicable;
- UN proper shipping name ADR, ADN, IMDG, IATA not applicable;
- Transport hazard classes ADR, ADN, IMDG, IATA Class not applicable;
- Packaging group ADR, IMDG, IATA not applicable;
- Transport/further information: No dangerous goods according to the above regulations.