

Fermacell GmbH	Safety data sheet According to 1907/2006/EC, Article 31 FERMACELL Dry Levelling Compound Mineral Granulate	SDB
		8.2.1_11
		Version: 04
		As at:31.07.17

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

• 1.1 Product identifier

- **Trade name:** FERMACELL Dry Levelling Compound
- **1.2 Relevant identified uses of the substance or mixture:** Mineral granulate for levelling floors
- **Uses advised against:** No information available.
- **Manufacturer/Supplier:** Fermacell GmbH
Düsseldorfer Landstraße 395
47259 Duisburg
Tel.: 0800 - 5235665, Fax: 0800 - 5356578
- **Further information obtainable from:** Product Development / Quality Assurance
Tel.: +49 (0)5381 76 242
Email: sdb@xella.com
- **1.4 Emergency telephone number:** +49 (0)551 19240 (Poison Control Centre North)

* 2. Hazards identification

• 2.1 Classification of the substance or mixture:

- **Classification:** Inapplicable
- **Information concerning particular hazards for human and environment:** Inapplicable
- **Other hazard information:** None
- **Classification system:** The classification is according to the latest editions of the EU-lists, and extended by company and literature data

• 2.2 Label elements

- **Labelling according to EU guidelines:** -
- **Special labelling of certain preparations:** Safety data sheet available for professional user on request.

• 2.3 Other hazards

• Results of PBT and vPvB assessment

- **PBT:** Inapplicable
- **vPvB:** Inapplicable

* 3. Composition/information on ingredients

- **3.1 Substances** This substance is a mixture.

• 3.2 Chemical characterization: Mixtures

- **Description** • Mineral granulate based on calcium silicate hydrate, quartz sand and anhydrite
- **Ingredients**
- **CAS: 1319-31-9** Calcium silicate hydrate 60 – 80 M-%

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- | | | |
|----------------------------------|--|-------------|
| | (tobermorite, 5 CaO x 6 SiO ₂ x 5 H ₂ O) | |
| • CAS: 014808-60-7 | Quartz sand
(silicon dioxide, SiO ₂) | 15 – 30 M-% |
| • CAS: 7778-18-9 | Anhydrite
(calcium sulphate, CaSO ₄) | 3 - 5 M-% |
| • Additional information: | No hazards known when used properly | |

* 4. First aid measures

• 4.1 Description of first aid measures

- **General notes:** No special measures required.

• 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:** Non-flammable, all extinguishing media suitable

• Unsuitable extinguishing agents for safety reasons:

None known

• 5.2 Special hazards arising from the substance or mixture

None known.

• Special hazards arising from the substance or mixture:

No information available.

• 5.3 Advice for firefighters

- **Protective equipment:** No information available.

* 6. Accidental release measures

• 6.3 Methods and material for containment and cleaning up:

Collect mechanically (dry).

* 7. Handling and storage

• 7.1 Precautions for safe handling:

Transport in closed receptacles or packaging. Avoid formation of dust.

• Information about protection against explosions and fires:

No special measures required.

• 7.2 Conditions for safe storage, including any incompatibilities

• Storage:

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- **Requirements to be met by storerooms and receptacles:** Store in closed rooms and protect against moisture.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in cool, dry conditions in well-sealed receptacles.
- **Storage class:** -
- **Classification according to Industrial Safety Ordinance (BetrSichV):** -

* 8. Exposure controls/personal protection

- **Additional information about design of technical systems:** No further details, see item 7.
- **8.2 Exposure controls:**
- **Personal protective equipment:**
- **General protective and hygienic measures:** Avoid contact with the eyes and skin.
Keep away from foodstuffs, beverages and food.
- **Respiratory protection:** Not applicable
- **Protection of hands:** Recommended
- **Material of gloves:** No further relevant information available.
- **Penetration time of glove material:** The exact penetration time can be obtained from the glove manufacturer and has to be observed.
- **Eye protection:** Recommended
- **Body protection:** Normal protective work clothing

* 9. Physical and chemical properties

• 9.1 Information on basic physical and chemical properties

• General Information

- **Appearance:**
 - Form:** Solid grain
 - Colour:** Light grey
- **Odour:** Odourless
- **Odour threshold:** Not determined.
- **pH-value (in saturated solution):** Approx. 10
- **Change in condition**
 - Melting point/Melting range:** Inapplicable.
 - Boiling point/Boiling range:** Inapplicable.
- **Flash point:** Inapplicable.

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- **Flammability (solid, gaseous):** Inapplicable.
- **ignition temperature:** Inapplicable.
- **Decomposition temperature:** Inapplicable.
- **Self-igniting:** The product is not self-igniting.
- **Danger of explosion:** The product is not explosive.
- **Explosive limits:**
- lower: Not determined.
- top: Not determined.
- **Vapour pressure:** Inapplicable.
- **Bulk density:** Approx. 370 – 430 kg/m³
- **Vapour density:** Not determined.
- **Evaporation rate:** Inapplicable.
- **Solubility in / Miscibility with Water:** Practically insoluble.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:** See Technical Data Sheet.
- **9.2 Other information:** The indicated values do not always correspond to the product specification.
Please see the technical data sheet for specification data.

* 10. Stability and reactivity

- **10.1 Reactivity**
- **10.2 Chemical stability** No decomposition if stored and handled according to specifications.
- **Thermal decomposition / conditions to be avoid:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions:** Inapplicable.
- **10.4 Conditions to avoid:** Unintended addition of water.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** None

* 11. Toxicological information

- **11.1 Information on toxicological effects**
- **General remark:** In our experience, the product has no harmful effects if properly handled and used.
- **Primary irritant effect:**
- **On the skin:** No harmful effects known.
- **In the eye:** No harmful effects known.

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- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:** No further relevant information available.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

No further relevant information available.

* 12. Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **65997-15-1 Portland cement:** 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.
- **Ecotoxicological effects:** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Ecologically harmless.
- **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:**   Collect unused product (dry) and re-use.
Recycle completely empty containers.
Observe official regulations.
- **European Waste Catalogue**
- **European Waste Catalogue:** -
- **Uncleaned packaging:**
- **Recommendation:** Packaging must be carefully emptied and it can be recycled.

* 14. Transport information

- **14.1 UN Number**
- **ADR, ADN, IMDG, IATA** Not applicable

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• **14.2 UN proper shipping name**

• ADR, ADN, IMDG, IATA Not applicable

• **14.3 Transport hazard class(es)**

• ADR, ADN, IMDG, IATA

• Class Not applicable

• **14.4 Packaging groups**

• ADR, IMDG, IATA Not applicable

• **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 MARPOL73/78 and the IBC Code**

Not applicable.

• **Transport/Additional information:**

Non-hazardous according to the above specifications.

*** 15. Regulatory information**

• **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

• **Regulation (EC) No.1005/2009 on substances that deplete the ozone layer):**

Not applicable.

• **Regulation (EC) No. 850/2004 (persistent organic pollutants):**

Not applicable.

• **Regulation (EC) No. 689/2008 (the export and import of dangerous chemicals):**

No further relevant information available.

• **Regulation (EC) No. 648/2004 (on detergents):**

Not applicable.

• **Restriction under title VIII/XVII of Regulation (EC) 1907/2006:**

Not applicable.

• **National regulations:**

FERMACELL Levelling Compound is a substance that does not require labelling pursuant to the hazardous substances ordinance (GefStoffV)

• **Water hazard class:**

-

• **Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

*** 16. Other information**

The information on this safety data sheet is in keeping with our current knowledge. The information is provided to the best of our knowledge, but without guarantee including its accuracy. We expressly assume no liability for damages and claims, which arise due to handling, transport, storage or disposal of the product.

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This safety data sheet must only be used for the aforementioned product. If the product is used as a component of other products, the information on this safety data sheet may no longer be applicable.

- **Department issuing data sheet:** Product Development / Quality Assurance
- **Contact:** Dr. A. Blasig
- **Abbreviations and acronyms:**
 - RID: Règlement international concernant des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
 - ICAO: International Civil Aviation Organization
 - ADR: Accord européen 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: Global Harmonized System of Classification and Labelling of Chemicals
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent

• **This sheet consists of 7 pages**

* Data compared to the previous version altered

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