



BE SURE. BUILD SURE.

Page 1/7

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.04.2025

Version number 31

Revision: 13.04.2025

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

- **Product identifier**
- **Trade name** ombran W
- **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the mixture** dry mortar
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** MC-Bauchemie Müller GmbH & Co. KG
Am Kruppwald 1-8
D-46238 Bottrop
Tel.: +49(0)2041-101-0
Fax.: +49(0)2041-101-400
E-Mail: info@mc-bauchemie.de

MC-Bauchemie AG
Hagackerstr. 10
CH-8953 Dietikon
Tel.: +44-7400510
Fax : +44-7400533
- **Informing department:** msds@mc-bauchemie.de

2 Hazards identification

- **Classification of the substance or mixture**
Acute Tox. 5 H303 May be harmful if swallowed.
- **Label elements**
- **GHS label elements** The product is classified and labelled according to the Globally Harmonised System (GHS).
- **Hazard pictograms** Void
- **Signal word** Warning
- **Hazard statements** H303 May be harmful if swallowed.
- **Precautionary statements** P312 Call a POISON CENTER/doctor if you feel unwell.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterisation: Mixtures**
- **Description:** Mixture consisting of the following components.

- **Dangerous components:**

CAS: 65997-16-2	Cement, alumina, chemicals	Acute Tox. 5, H303	50-70%
CAS: 14808-60-7	Quartz sand		30-60%

(Contd. on page 2)

AE

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.04.2025

Version number 31

Revision: 13.04.2025

Trade name ombran W

Additional information

(Contd. of page 1)

For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

Description of first aid measures

- **General information** For all first aid measures: observe self-protection and consult a doctor!
- **After inhalation** Remove people from the dusty area.
- **After skin contact** Remove heavily soiled clothing. Clean with plenty of soap and water.
- **After eye contact** Rinse for 10 minutes under running water with the eyelids open. Always consult an ophthalmologist!
- **After swallowing** Do NOT induce vomiting. Rinse mouth with water. Medical attention required.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** 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** Not required.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:** Collect mechanically.
- **Reference to other sections** No dangerous materials are released.

7 Handling and storage

- **Handling**
- **Precautions for safe handling** Avoid dust formation! Avoid spraying the ready-to-use cementitious product! Avoid contact with eyes and skin! Clean hands thoroughly at the end of work and before every break! Use skin care products! Change heavily soiled clothing! Change clothes at the end of work! Apply greasy skin protection ointment before starting work and after each break. Observe work restrictions!

(Contd. on page 3)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.04.2025

Version number 31

Revision: 13.04.2025

Trade name ombran W

(Contd. of page 2)

- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store bags tightly closed; protect from moisture and water!
Store containers tightly closed in a well-ventilated and well-lit room.
Access only for specialised personnel.
Do not store in break rooms, recreation rooms or sanitary facilities or in stairwells, corridors, escape and rescue routes, passages, passageways and confined spaces.
- **Information about storage in one common storage facility:** Combined storage bans apply from a total storage quantity of 200 kg.
Do not store together with substances of the following LGK: 1; 6.2; 7
Storage with substances of the following LGK is only possible under the conditions specified in TRGS 510: 4.1A; 5.1C
- **Further information about storage conditions:** Store in a dry and frost-free place.
- **Storage class** 13

8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see section 7.
 - **Control parameters**
 - **Components with critical values that require monitoring at the workplace:**
- | CAS: 14808-60-7 Quartz sand | |
|-----------------------------|--|
| PEL (USA) | Long-term value: 0.05* mg/m ³
*resp. dust; 30mg/m ³ /%SiO ₂ +2 |
| REL (USA) | Long-term value: 0.05* mg/m ³
*respirable dust; See Pocket Guide App. A |
| TLV (USA) | Long-term value: 0.025* mg/m ³
*respirable particulate matter, A2 |
| BOELV (European Union) | Long-term value: 0.1* mg/m ³
*respirable fraction |
- **Additional information:** The lists that were valid during the compilation were used as basis.
 - **Exposure controls**
 - **Personal protective equipment**
 - **General protective and hygienic measures** Do not store food, eat, drink, sniff or smoke in the work area!
Avoid contact with eyes and skin!
Clean hands thoroughly at the end of work and before breaks!
Use skin care products after work (moisturising cream).
Change and clean heavily soiled clothing!
Change clothes at the end of work!
Apply greasy skin protection ointment before starting work and

(Contd. on page 4)



BE SURE. BUILD SURE.

Page 4/7

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.04.2025

Version number 31

Revision: 13.04.2025

Trade name ombran W

(Contd. of page 3)

- **Breathing equipment:** after every break.
For work with higher dust loads particle filter class P2
- **Protection of hands:** Check protective gloves prior to each use for their proper condition.
- **Material of gloves** Nitrile impregnated cotton gloves.
- **Penetration time of glove material** The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Powder

Colour: Grey

· **Smell:** Characteristic

· **pH-value:** Not applicable.

· Change in condition

Melting point/freezing point: Not determined

Initial boiling point and boiling range: 2230 °C

· **Flash point:** Not applicable

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

· **Explosive properties:** Product is not explosive.

· **Steam pressure at 1732 °C:** 13.5 hPa

· **Density at 20 °C** 3 g/cm³

· Solubility in / Miscibility with

Water: Partly miscible

· Viscosity:

dynamic: Not applicable.

kinematic: Not applicable.

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

10 Stability and reactivity

- **Reactivity** No further relevant information available.
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known

(Contd. on page 5)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.04.2025

Version number 31

Revision: 13.04.2025

Trade name ombran W

(Contd. of page 4)

- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity**

- **LD/LC50 values that are relevant for classification:**

CAS: 65997-16-2 Cement, alumina, chemicals

Oral LD50 >2000 mg/kg (rat)

- **Primary irritant effect:**
- **Serious eye damage/irritation** No irritant effect.
- **Respiratory or skin sensitisation** 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**

- **Aquatic toxicity:**

CAS: 65997-16-2 Cement, alumina, chemicals

LC50/96h	>100 mg/l (Oncorhynchus mykiss)
EC50/48h	6.6 mg/l (Daphnia magna)
NOEC	>100 mg/l (Oncorhynchus mykiss)
	3.2 mg/l (Pseudokirchneriella subcapitata)
	1.8 mg/l (Daphnia magna)
ErC50/72h	5.6 mg/l (Pseudokirchneriella subcapitata)

- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

(Contd. on page 6)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

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Version number 31

Revision: 13.04.2025

Trade name ombran W

· **Other adverse effects**

No further relevant information available.

(Contd. of page 5)

13 Disposal considerations

· **Waste treatment methods**

· **Recommendation**

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

· **Uncleaned packagings:**

· **Recommendation:**

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

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, IATA**

· **Class**

Void

· **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 Marpol and the IBC Code**

Not applicable.

· **Transport/Additional information:**

Not dangerous according to the above specifications.

· **UN "Model Regulation":**

Void

15 Regulatory information

· **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.

(Contd. on page 7)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

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Version number 31

Revision: 13.04.2025

Trade name ombran W

(Contd. of page 6)

· **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.

· **Department issuing data**

specification sheet:

Environment protection department.

· **Contact:**

· **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 relatif au transport international 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
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
Acute Tox. 5: Acute toxicity – Category 5

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