



BE SURE. BUILD SURE.

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## Safety data sheet according to 1907/2006/EC, Article 31

Printing date 25.02.2024

Version number 18 (replaces version 17)

Revision: 25.02.2024

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

#### · 1.1 Product identifier

· Trade name **MC-Fast SM**

· Article number: 1819

#### · 1.2 Relevant identified uses of the substance or mixture and uses advised against

No further relevant information available.

#### · Application of the substance / the mixture

Regulated set cement

#### · 1.3 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

#### · 1.4 Emergency telephone number:

Tel.: +49 / (0)700 24112112 (MCR)  
Tel.: +1 872 5888271 (MCR)

### 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

· Additional information: EUH210 Safety data sheet available on request.

#### · 2.3 Other hazards

##### · Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

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#### SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Mixture consisting of the following components.

· **Dangerous components:** not applicable

CAS: 14808-60-7 EINECS: 238-878-4	Quartz (SiO <sub>2</sub> ) substance with a Community workplace exposure limit	30-60%
CAS: 7778-18-9 EINECS: 231-900-3 Reg.nr.: 1-2119444918-26	calcium sulphate, natural substance with a Community workplace exposure limit	<2.5%
CAS: 554-13-2 EINECS: 209-062-5 Reg.nr.: 01-2119516034-53-0000	Lithium carbonate Acute Tox. 4, H302; Eye Irrit. 2, H319	<1.5%

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

#### SECTION 4: First aid measures

· **4.1 Description of first aid measures**

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

· **After inhalation** Supply fresh air.

· **After skin contact** The product is not skin irritating.

· **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

· **After swallowing** Induce vomiting.

#### SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents** Use fire fighting measures that suit the environment.

· **5.2 Special hazards arising from the substance or mixture**

No further relevant information available.

· **5.3 Advice for firefighters**

· **Protective equipment:**

No special measures required.

#### SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Not required.

· **6.2 Environmental precautions:**

No special measures required.

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- **6.3 Methods and material for containment and cleaning up:** Collect mechanically.
- **6.4 Reference to other sections** No dangerous materials are released.

#### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 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:** None.
- **Storage class** 13

#### SECTION 8: Exposure controls/personal protection

##### · 8.1 Control parameters

· **Components with critical values that require monitoring at the workplace:**

**CAS: 14808-60-7 Quartz (SiO<sub>2</sub>)**

OEL (Ireland)	Long-term value: 0.1 mg/m <sup>3</sup>
BOELV (European Union)	Long-term value: 0.1* mg/m <sup>3</sup> *respirable fraction

**CAS: 7778-18-9 calcium sulphate, natural**

OEL (Ireland)	Long-term value: 10 mg/m <sup>3</sup>
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##### · DNELs

**CAS: 7778-18-9 calcium sulphate, natural**

Oral	DNEL	1.52 mg/kg bw/Tag (ArL)
Inhalative	DNEL	21.17 mg/m <sup>3</sup> (ArL)

##### · PNECs

**CAS: 7778-18-9 calcium sulphate, natural**

PNEC	100 mg/l (Kla)
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· **Additional information:** The lists that were valid during the compilation were used as basis.

- **8.2 Exposure controls**
- **Appropriate engineering controls**

No further data; see section 7.

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- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures**      *The usual precautionary measures should be adhered to in handling the chemicals.*
- **Breathing equipment:**      *Not required.*
- **Hand protection**      *Strong gloves*
- **Material of gloves**      *-*
- **Penetration time of glove material**      *-*
- **Eye/face protection**      *Not required.*

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Colour:**      *Grey*
- **Smell:**      *Odourless*
- **Melting point/freezing point:**      *Not determined*
- **Boiling point or initial boiling point and boiling range**      *2230 °C (CAS: 14808-60-7 Quartz (SiO<sub>2</sub>))*
- **Flash point:**      *Not applicable*
- **pH**      *Not applicable.*
- **Viscosity:**
- **Kinematic viscosity**      *Not applicable.*
- **dynamic:**      *Not applicable.*
- **Solubility**
- **Water:**      *Unsoluble*
- **Steam pressure at 1732 °C:**      *13.5 hPa (CAS: 14808-60-7 Quartz (SiO<sub>2</sub>))*
- **Density and/or relative density**
- **Density at 20 °C**      *2.99 g/cm<sup>3</sup>*
- **Particle characteristics**

See section 3.

- **9.2 Other information**
- **Appearance:**
- **Form:**      *Powder*
- **Important information on protection of health and environment, and on safety.**
- **Self-inflammability:**      *Product is not selfigniting.*
- **Explosive properties:**      *Product is not explosive.*

- **Information with regard to physical hazard classes**
- **Explosives**      *Void*
- **Flammable gases**      *Void*
- **Aerosols**      *Void*

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- **Oxidising gases** Void
- **Gases under pressure** Void
- **Flammable liquids** Void
- **Flammable solids** Void
- **Self-reactive substances and mixtures** Void
- **Pyrophoric liquids** Void
- **Pyrophoric solids** Void
- **Self-heating substances and mixtures** Void
- **Substances and mixtures, which emit flammable gases in contact with water** Void
- **Oxidising liquids** Void
- **Oxidising solids** Void
- **Organic peroxides** Void
- **Corrosive to metals** Void
- **Desensitised explosives** Void

#### 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 according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

#### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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

**CAS: 7778-18-9 calcium sulphate, natural**

Oral	LD50	>1581 mg/kg (rat)
Dermal	NOAEL	790 mg/kg (rat)
Inhalative	LC50/4 h	>2.61 mg/l (rat)

**CAS: 554-13-2 Lithium carbonate**

Oral	LD50	525 mg/kg (rat)
	NOAEL	19.23 mg/kg (rat)
Dermal	LD50	>3000 mg/kg (rat)
	NOAEL	64.3 mg/kg (rat)
Inhalative	LC50/4 h	>2 mg/l (rat)

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- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **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.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

## SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

**CAS: 7778-18-9 calcium sulphate, natural**

EC50/72h >79 mg/l (Selenastrum capricornutum)

LC50/96h >79 mg/l (fish)

EC50 >790 mg/l (BEL)

EC50/48h >79 mg/l (Daphnia magna)

**CAS: 554-13-2 Lithium carbonate**

LC50/96h 30.3 mg/l (Oncorhynchus mykiss)

EC50 278 mg/l (BEL)

EC50/48h 33 mg/l (Daphnia magna)

NOEC 15.25 mg/l (Danio rerio)

50 mg/l (Desmodesmus subspicatus)

19.1 mg/l (Oncorhynchus mykiss)

20 mg/l (Daphnia magna)

ErC50/72h >400 mg/l (Desmodesmus subspicatus)

· **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.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:**

Not applicable.

· **vPvB:**

Not applicable.

· **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

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- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** *Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.*

#### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation** *Must not be disposed of together with household garbage. Do not allow product to reach sewage system.*

· **European waste catalogue**

17 00 00	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 09 00	other construction and demolition wastes
17 09 03*	other construction and demolition wastes (including mixed wastes) containing hazardous substances
15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)
15 01 01	paper and cardboard packaging
15 00 00	WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED
15 01 00	packaging (including separately collected municipal packaging waste)
15 01 02	plastic packaging

- **Uncleaned packagings:**
- **Recommendation:** *Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.*

#### SECTION 14: Transport information

· <b>14.1 UN number or ID number</b>	
· <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.2 UN proper shipping name</b>	
· <b>ADR, ADN, IMDG, IATA</b>	Void
· <b>14.3 Transport hazard class(es)</b>	
· <b>ADR, ADN, IMDG, IATA</b>	
· <b>Class</b>	Void
· <b>14.4 Packing group</b>	
· <b>ADR, IMDG, IATA</b>	Void

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· <b>14.5 Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b>	Not applicable.
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
· <b>UN "Model Regulation":</b>	Void

#### SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture** No further relevant information available.

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

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

#### SECTION 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** H302 Harmful if swallowed.  
H319 Causes serious eye irritation.

· **Department issuing data specification sheet:** Environment protection department.

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- **Date of previous version:** 17.10.2021
- **Version number of previous version:** 17
- **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*  
*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)*  
*DNEL: Derived No-Effect Level (REACH)*  
*PNEC: Predicted No-Effect Concentration (REACH)*  
*LC50: Lethal concentration, 50 percent*  
*LD50: Lethal dose, 50 percent*  
*PBT: Persistent, Bioaccumulative and Toxic*  
*vPvB: very Persistent and very Bioaccumulative*  
*Acute Tox. 4: Acute toxicity – Category 4*  
*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*
- **\* Data compared to the previous version altered.**

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