



BE SURE. BUILD SURE.

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

Printing date 01.12.2021

Version number 5

Revision: 01.12.2021

### 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.: +48612864565

### 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:** 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 Chemical characterisation: 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	25-50%
CAS: 7778-18-9 EINECS: 231-900-3	calcium sulphate, natural Acute Tox. 4, H302; Acute Tox. 4, H332	<2.5%
CAS: 554-13-2 EINECS: 209-062-5 Reg.nr.: 01-2119516034-53-0000	lithium carbonate Acute Tox. 4, H302; Acute Tox. 4, H332; 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.

· **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.

**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.

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#### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**      *Not required.*
- **6.2 Environmental precautions:**      *No special measures required.*
- **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.*
- **7.3 Specific end use(s)**      *No further relevant information available.*

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

- **8.1 Control parameters**
- **Additional information about design of technical systems:** *No further data; see item 7.*

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

**14808-60-7 Quartz (SiO2)**

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

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

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

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

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

**· PNECs**

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

PNEC 100 mg/l (Kla)

**· Additional information:** The lists that were valid during the compilation were used as basis.

**· 8.2 Exposure controls**

**· Personal protective equipment**

**· General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.

**· Breathing equipment:**

Not required.

**· Protection of hands:**

Strong gloves

**· Material of gloves**

-

**· Penetration time of glove material**

-

**· Eye protection:**

Safety glasses

#### SECTION 9: Physical and chemical properties

**· 9.1 Information on basic physical and chemical properties**

**· General Information**

**· Appearance:**

**Form:** Powder

**Colour:** Grey

**· Smell:** Odourless

**· Change in condition**

**Melting point/freezing point:** Not determined

**Initial boiling point and boiling range:** Not applicable

Not determined

**· Flash point:**

Not applicable

**· Self-inflammability:**

Product is not selfigniting.

**· Explosive properties:**

Product is not explosive.

**· Density**

Not determined

**· Solubility in / Miscibility with**

**Water:** Insoluble

**· 9.2 Other information**

No further relevant information available.

#### SECTION 10: Stability and reactivity

**· 10.1 Reactivity**

No further relevant information available.

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- **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 toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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

**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)

**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)

- **Primary irritant effect:**
- **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.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **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.

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#### SECTION 12: Ecological information

· **12.1 Toxicity**

· **Aquatic toxicity:**

**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)

**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.

· **Additional ecological information:**

· **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies 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.

#### 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.

· **Uncleaned packagings:**

· **Recommendation:**

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

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#### 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 specifications.
· UN "Model Regulation":	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 2012/18/EU	
· 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.

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· **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.  
H332 Harmful if inhaled.

· **Department issuing data specification sheet:**

Environment protection department.

· **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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