



BE SURE. BUILD SURE.

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.



BE SURE. BUILD SURE.

Page 2/7

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

Printing date 01.12.2021

Version number 5

Revision: 01.12.2021

Trade name MC-Fast SM

(Contd. of page 1)

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

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

· **Dangerous components:** not applicable

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.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures** Not required.

(Contd. on page 3)

GB



BE SURE. BUILD SURE.

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

Printing date 01.12.2021

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Trade name MC-Fast SM

(Contd. of page 2)

- **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:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· DNELs

7778-18-9 calcium sulphate, natural

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

· PNECs

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**
- **Personal protective equipment**
- **General protective and hygienic measures**

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

(Contd. on page 4)



BE SURE. BUILD SURE.

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

Printing date 01.12.2021

Version number 5

Revision: 01.12.2021

Trade name MC-Fast SM

(Contd. of page 3)

- **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.

· 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

GB

(Contd. on page 5)



BE SURE. BUILD SURE.

Safety data sheet
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Printing date 01.12.2021

Version number 5

Revision: 01.12.2021

Trade name MC-Fast SM

(Contd. of page 4)

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.

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)

(Contd. on page 6)



BE SURE. BUILD SURE.

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Version number 5

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Trade name MC-Fast SM

(Contd. of page 5)

NOEC	15.25 mg/l (<i>Danio rerio</i>)
	50 mg/l (<i>Desmodesmus subspicatus</i>)
	19.1 mg/l (<i>Oncorhynchus mykiss</i>)
	20 mg/l (<i>Daphnia magna</i>)
ErC50/72h	>400 mg/l (<i>Desmodesmus subspicatus</i>)

- **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.*

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 |

(Contd. on page 7)



BE SURE. BUILD SURE.

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

Printing date 01.12.2021

Version number 5

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Trade name MC-Fast SM

(Contd. of page 6)

· 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.
- 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.