



BE SURE. BUILD SURE.

Page 1/9

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

Printing date 20.05.2022

Version number 8

Revision: 20.05.2022

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

- **Product identifier**
- **Trade name** Centrament Stabi M 15
- **Relevant identified uses of the substance or mixture and uses advised against** *No further relevant information available.*
- **Application of the substance / the mixture** *Concrete/Mortar admixtures*
- **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*
- **Emergency telephone number:** *Tel.: +49 / (0)700 24112112 (MCR)  
Tel.: +48612864565*

### 2 Hazards identification

- **Classification of the substance or mixture**  
*Acute Tox. 5 H303 May be harmful if swallowed.  
Acute Tox. 5 H313 May be harmful in contact with skin.*
- **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** *May be harmful if swallowed.  
May be harmful in contact with skin.*
- **Precautionary statements** *Call a POISON CENTER/doctor if you feel unwell.*
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*
- **vPvB:** *Not applicable.*

AE  
(Contd. on page 2)



BE SURE. BUILD SURE.

Page 2/9

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

Printing date 20.05.2022

Version number 8

Revision: 20.05.2022

Trade name **Centrament Stabi M 15**

(Contd. of page 1)

### 3 Composition/information on ingredients

· **Chemical characterisation: Mixtures**

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

· **Dangerous components:**

1317-65-3	Calciumcarbonat Acute Tox. 5, H303; Acute Tox. 5, H313	50-70%
9032-42-2	Methylhydroxyethylcellulose Acute Tox. 5, H303	25-50%
112926-00-8	amorphous silica (silica gel, precipitated silica) Acute Tox. 5, H313	<10%
112926-00-8	amorphous silica (silica gel, precipitated silica) Acute Tox. 5, H313	<2.5%
128-37-0	Butylated hydroxytoluene Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; Eye Irritation 2A, H319; Acute Tox. 5, H303; Acute Tox. 5, H313	≥0.025-<0.25%

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

### 4 First aid measures

· **Description of first aid measures**

· **General information**

No special measures required.

· **After inhalation**

Supply fresh air; consult doctor in case of symptoms.

· **After skin contact**

The product is not skin irritating.

· **After eye contact**

Rinse opened eye for several minutes under running water.

· **After swallowing**

Rinse out mouth and then drink plenty of water.

In case of persistent symptoms consult doctor.

· **Information for doctor**

· **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 5 Firefighting measures

· **Extinguishing media**

· **Suitable extinguishing agents** CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

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

No further relevant information available.

(Contd. on page 3)

AE



BE SURE. BUILD SURE.

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

Printing date 20.05.2022

Version number 8

Revision: 20.05.2022

Trade name **Centrament Stabi M 15**

(Contd. of page 2)

- **Advice for firefighters**
- **Protective equipment:** No special measures required.

#### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Product forms slippery surface when combined with water.
- **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** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **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.
- **Specific end use(s)** No further relevant information available.

#### 8 Exposure controls/personal protection

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

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

**112926-00-8 amorphous silica (silica gel, precipitated silica)**

PEL (USA)	20mppcf or 80mg/m3 /%SiO2
REL (USA)	Long-term value: 6 mg/m <sup>3</sup> See Pocket Guide App. C
TLV (USA)	TLV withdrawn

**112926-00-8 amorphous silica (silica gel, precipitated silica)**

PEL (USA)	20mppcf or 80mg/m3 /%SiO2
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(Contd. on page 4)



BE SURE. BUILD SURE.

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

Printing date 20.05.2022

Version number 8

Revision: 20.05.2022

**Trade name Centrament Stabi M 15**

(Contd. of page 3)

REL (USA)	Long-term value: 6 mg/m <sup>3</sup> See Pocket Guide App. C
TLV (USA)	TLV withdrawn

**128-37-0 Butylated hydroxytoluene**

REL (USA)	Long-term value: 10 mg/m <sup>3</sup>
TLV (USA)	Long-term value: 2* mg/m <sup>3</sup> *as inhalable fraction and vapor, A4
WEL (Great Britain)	Long-term value: 10 mg/m <sup>3</sup>

**· DNELs**

**1317-65-3 Calciumcarbonat**

Oral	DNEL	6.1 mg/kg bw/Tag (ArL)
Inhalative	DNEL	10 mg/m <sup>3</sup> (ArL)

**128-37-0 Butylated hydroxytoluene**

Dermal	DNEL	8.3 mg/kg bw/day (ArL)
Inhalative	DNEL	5.8 mg/m <sup>3</sup> (ArL)

**· PNECs**

**1317-65-3 Calciumcarbonat**

PNEC	100 mg/l (Sewage Treatment Plant)
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**128-37-0 Butylated hydroxytoluene**

PNEC	0.4 µg/l (Mew)
	4 µg/l (Suw)
PNEC	100 mg/l (Sewage Treatment Plant)
PNEC	1.04 mg/kg dwt (Bod)
	1.29 mg/kg dwt (Sediment)

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

**· Exposure controls**

**· Personal protective equipment**

**· General protective and hygienic measures**

Wash hands during breaks and at the end of the work.  
The usual precautionary measures should be adhered to in handling the chemicals.

**· Breathing equipment:**

Not required.

**· Protection of hands:**

Not required.

**· Material of gloves**

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**· Penetration time of glove material**

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**· Eye protection:**

Safety glasses

AE

(Contd. on page 5)



BE SURE. BUILD SURE.

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

Printing date 20.05.2022

Version number 8

Revision: 20.05.2022

Trade name **Centrament Stabi M 15**

(Contd. of page 4)

#### 9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

· <b>Form:</b>	Powder
· <b>Colour:</b>	Whitish
· <b>Smell:</b>	Characteristic

· **pH-value:** Not applicable.

· **Change in condition**

· <b>Melting point/freezing point:</b>	Not determined
· <b>Initial boiling point and boiling range:</b>	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:**

Partly miscible

· **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

· **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:**

**1317-65-3 Calciumcarbonat**

Oral	LD50	>2000 mg/kg (rat)
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(Contd. on page 6)



BE SURE. BUILD SURE.

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

Printing date 20.05.2022

Version number 8

Revision: 20.05.2022

**Trade name Centrament Stabi M 15**

(Contd. of page 5)

Dermal	LD50	>2000 mg/kg (rat)
<b>9032-42-2 Methylhydroxyethylcellulose</b>		
Oral	LD50	>2000 mg/kg (rat)
<b>112926-00-8 amorphous silica (silica gel, precipitated silica)</b>		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)
<b>112926-00-8 amorphous silica (silica gel, precipitated silica)</b>		
Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)
<b>128-37-0 Butylated hydroxytoluene</b>		
Oral	LD50	>2930 mg/kg (rat)
	NOAEL	100 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)
		>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:**

**1317-65-3 Calciumcarbonat**

EC50/72h >14 mg/l (*Desmodesmus subspicatus*)

LC50/96h >10000 mg/l (*Oncorhynchus mykiss*)

LC50/48h >1000 mg/l (*Daphnia magna*)

EC50/48h >1000 mg/l (*Daphnia magna*)

**112926-00-8 amorphous silica (silica gel, precipitated silica)**

EC50/24h >1000 mg/l (*Daphnia magna*) (OECD 202)

EC50/72h 440 mg/l (*Pseudokirchneriella subcapitata*)

LC50/96h 5000-10000 mg/l (*Danio rerio*)

>10000 mg/l (*Brachydanio rerio*) (OECD 203)

(Contd. on page 7)



BE SURE. BUILD SURE.

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

Printing date 20.05.2022

Version number 8

Revision: 20.05.2022

Trade name **Centrament Stabi M 15**

(Contd. of page 6)

**112926-00-8 amorphous silica (silica gel, precipitated silica)**

EC50/24h	>1000 mg/l ( <i>Daphnia magna</i> ) (OECD 202)
EC50/72h	440 mg/l ( <i>Pseudokirchneriella subcapitata</i> )
LC50/96h	5000-10000 mg/l ( <i>Danio rerio</i> )
	>10000 mg/l ( <i>Brachydanio rerio</i> ) (OECD 203)

**128-37-0 Butylated hydroxytoluene**

EC50/72h	0.5 mg/l ( <i>Desmodesmus subspicatus</i> )
EC50	>10000 mg/l (BEL)
LC50/48h	0.61 mg/l ( <i>Daphnia magna</i> )
NOEC	0.07 mg/l ( <i>Daphnia magna</i> )

- **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.
- **Other adverse effects** No further relevant information available.

### 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

- |                                     |      |
|-------------------------------------|------|
| · <b>UN-Number</b>                  |      |
| · <b>ADR, ADN, IMDG, IATA</b>       | Void |
| · <b>UN proper shipping name</b>    |      |
| · <b>ADR, ADN, IMDG, IATA</b>       | Void |
| · <b>Transport hazard class(es)</b> |      |
| · <b>ADR, ADN, IMDG, IATA</b>       |      |
| · <b>Class</b>                      | Void |

(Contd. on page 8)



BE SURE. BUILD SURE.

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

Printing date 20.05.2022

Version number 8

Revision: 20.05.2022

**Trade name Centrament Stabi M 15**

(Contd. of page 7)

· <b>Packing group</b>	
· <b>ADR, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
· <b>UN "Model Regulation":</b>	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.
- **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)
  - 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. 5: Acute toxicity – Category 5
  - Skin Irrit. 2: Skin corrosion/irritation – Category 2

(Contd. on page 9)





BE SURE. BUILD SURE.

Page 9/9

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

Printing date 20.05.2022

Version number 8

Revision: 20.05.2022

**Trade name Centrament Stabi M 15**

(Contd. of page 8)

*Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A*

*Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1*

*Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1*

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

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