



BE SURE. BUILD SURE.

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## Safety data sheet according to UK REACH

Printing date 28.03.2025

Version number 9 (replaces version 8)

Revision: 28.03.2025

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

· **1.1 Product identifier**

· **Trade name** **Centrament Expanding Agent**

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

· **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

· **Application of the substance  
/ the mixture**

Construction chemicals  
Concrete/Mortar admixtures

· **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 GB 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:**

CAS: 7429-90-5	aluminium	Flam. Sol. 1, H228	<2.5%
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· **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** For every first aid measure: Pay attention to self-protection.

· **After inhalation** Take the person out into the fresh air.

· **After skin contact** Clean with plenty of soap and water.

Remove heavily soiled clothing.

· **After eye contact** Rinse for 10 minutes under running water with the eyelids open or use eye rinsing solution. Always consult an ophthalmologist!

· **After swallowing** Drink plenty of water in small sips.

Do not 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.

· **6.3 Methods and material for containment and cleaning up:** Collect mechanically.

· **6.4 Reference to other sections**

No dangerous materials are released.

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

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See Section 13 for information on disposal.

#### SECTION 7: Handling and storage

**7.1 Precautions for safe handling**

Avoid splashing.  
Do not leave containers open.  
Provide washing facilities in the work area.  
Provide an eye shower or eyewash bottle.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage**

**Requirements to be met by storerooms and containers:**

Store containers tightly closed in a well-ventilated and well-lit room.  
Access only for authorised personnel.  
Do not store in break rooms, recreation rooms or sanitary facilities or in stairwells, corridors, escape and rescue routes, passageways, thoroughfares 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; 4.3; 5.1C

**Further information about storage conditions:**

None.

**Storage class**

13  
13

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

**8.1 Control parameters**

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

**CAS: 7429-90-5 aluminium**

WEL	Long-term value: 10* 4** mg/m <sup>3</sup> *inhalable dust **respirable dust
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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.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures**

Do not store any foodstuffs or eat, drink, snuff or smoke in the work area!  
Avoid contact with eyes and skin!  
Clean hands thoroughly after work and before cleaning!

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- **Breathing equipment:** Use skin care products after work (moisturising cream).  
Change and clean heavily soiled clothing!  
If the limit value is exceeded:  
Combination filter A-P2 (brown/white).
- **Hand protection** Gloves made of: Natural latex, polychloroprene, nitrile rubber.  
(Category 3 chemical protective gloves, recognisable by the CE mark with four-digit test number).  
When wearing protective gloves, cotton undergloves are recommended.
- **Material of gloves** see "Hand protection"
- **Penetration time of glove material** The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.
- **Eye/face protection** Safety glasses
- **Body protection:** Protective work clothing.
- **Skin protection** Use greasy skin protection ointment for all uncovered parts of the body!

## SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Colour:** White
- **Smell:** Characteristic
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Not determined
- **Boiling point or initial boiling point and boiling range** 2230 °C (CAS: 14808-60-7 Quartz sand)
- **Flammability** Not determined.
- **Lower and upper explosion limit**
- **Lower:** Not determined.
- **Upper:** Not determined.
- **Flash point:** Not applicable
- **Decomposition temperature:** Not determined.
- **pH** Not applicable.
- **Viscosity:**
- **Kinematic viscosity** Not applicable.
- **dynamic:** Not applicable.
- **Solubility**
- **Water:** Insoluble
- **Partition coefficient n-octanol/water (log value)** Not determined.
- **Steam pressure at 1732 °C:** 13.5 hPa (CAS: 14808-60-7 Quartz sand)
- **Density and/or relative density**
- **Density** Not determined
- **Relative density** Not determined.

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- **Vapour density** Not applicable.
- **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.
- **Change in condition**
- **Evaporation rate** Not applicable.

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

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### 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.
- **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.
- **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:** No further relevant information available.
- **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.
- **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** Can be deposited with household garbage after consulting with the operator of the waste disposal facility and the pertinent authorities and under adherence to the necessary technical regulations. Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

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- **Waste disposal key number:** 170904
- **Uncleaned packagings:**
- **Recommendation:** Non contaminated packagings can be used for recycling.

#### SECTION 14: Transport information

- |   |                 |
|---|-----------------|
| · <b>14.1 UN number or ID number</b><br>· <b>ADR, IMDG, IATA</b>                            | Void            |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, IMDG, IATA</b>                           | Void            |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | Void            |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                     | Void            |
| · <b>14.5 Environmental hazards:</b><br>· <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>UN "Model Regulation":</b>   | Void            |

#### SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

· **Regulated explosives precursors**

None of the ingredients is listed.

· **Regulated poisons**

None of the ingredients is listed.

· **Reportable explosives precursors**

CAS: 7429-90-5 aluminium

Listed

· **Reportable poisons**

None of the ingredients is listed.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I**

None of the ingredients is listed.

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· **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** *H228 Flammable solid.*

· **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)*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Flam. Sol. 1: Flammable solids – Category 1*

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

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