



BE SURE. BUILD SURE.

Page 1/9

## Safety data sheet according to UK REACH

Printing date 08.09.2024

Version number 19 (replaces version 18)

Revision: 08.09.2024

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

#### · 1.1 Product identifier

· Trade name **Centrament VMA 2**

· Article number: 3597

#### · 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

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: EUH208 Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

Contains biocidal products: 2-octyl-2H-isothiazol-3-one

#### · 2.3 Other hazards

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

· PBT: Not applicable.

(Contd. on page 2)

GB



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## Safety data sheet according to UK REACH

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Version number 19 (replaces version 18)

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**Trade name Centrament VMA 2**

· **vPvB:** Not applicable.

(Contd. of page 1)

### SECTION 3: Composition/information on ingredients

· **3.1 Substances**

· **CAS No. Designation:** Void

· **Identification number(s):**

· **EC number:** Void

· **3.2 Mixtures**

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

· **Dangerous components:**

CAS: 26530-20-1 EINECS: 247-761-7	2-octyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1, H314; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 ATE: LD50 oral: 125 mg/kg LD50 dermal: 311 mg/kg LC50/4 h inhalative: 0.27 mg/l Specific concentration limit: Skin Sens. 1A; H317: C ≥0.0015 %	≥0.00025-<0.0015%
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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** No special measures required.

· **After inhalation** Void

· **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.

### SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents** Void

· **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.

GB

(Contd. on page 3)



BE SURE. BUILD SURE.

Page 3/9

## Safety data sheet according to UK REACH

Printing date 08.09.2024

Version number 19 (replaces version 18)

Revision: 08.09.2024

Trade name **Centrament VMA 2**

(Contd. of page 2)

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** *Not required.*
- **6.2 Environmental precautions:** *Dilute with much water.*
- **6.3 Methods and material for containment and cleaning up:** *Dilute with much water.  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*
- **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.  
See Section 13 for information on disposal.*

### 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** *12*

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **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.*
- **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.*

(Contd. on page 4)

GB



BE SURE. BUILD SURE.

Page 4/9

## Safety data sheet according to UK REACH

Printing date 08.09.2024

Version number 19 (replaces version 18)

Revision: 08.09.2024

Trade name **Centrament VMA 2**

(Contd. of page 3)

- **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**      *Not required.*
- **Material of gloves**      *-*
- **Penetration time of glove material**      *-*
- **Eye/face protection**      *Not required.*
- **Body protection:**      *Impervious protective clothing*

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Colour:**      *Yellowish*
- **Smell:**      *Characteristic*
- **Odour threshold:**      *Not determined.*
- **Melting point/freezing point:**      *Not determined*
- **Boiling point or initial boiling point and boiling range**      *100 °C (CAS: 7732-18-5 water, distilled, conductivity or of similar purity)*
- **Flammability**      *Not applicable.*
- **Lower and upper explosion limit**
- **Lower:**      *Not determined.*
- **Upper:**      *Not determined.*
- **Flash point:**      *Not applicable*
- **Decomposition temperature:**      *Not determined.*
- **pH at 20 °C**      *7*
- **Viscosity:**
- **Kinematic viscosity**      *Not determined.*
- **dynamic at 20 °C:**      *<100 mPas*
- **Solubility**
- **Water:**      *Fully miscible*
- **Partition coefficient n-octanol/water (log value)**      *Not determined.*
- **Steam pressure at 20 °C:**      *23 hPa (CAS: 7732-18-5 water, distilled, conductivity or of similar purity)*
- **Density and/or relative density**
- **Density at 20 °C**      *1.01 g/cm<sup>3</sup>*
- **Relative density**      *Not determined.*
- **Vapour density**      *Not determined.*

(Contd. on page 5)

GB



BE SURE. BUILD SURE.

## Safety data sheet according to UK REACH

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Version number 19 (replaces version 18)

Revision: 08.09.2024

Trade name **Centrament VMA 2**

(Contd. of page 4)

### · 9.2 Other information

#### · Appearance:

#### · Form:

Fluid

#### · 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 determined.

#### · 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

GB

(Contd. on page 6)



BE SURE. BUILD SURE.

### Safety data sheet according to UK REACH

Printing date 08.09.2024

Version number 19 (replaces version 18)

Revision: 08.09.2024

Trade name **Centrament VMA 2**

(Contd. of page 5)

#### 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: 26530-20-1 2-octyl-2H-isothiazol-3-one**

Oral	LD50	125 mg/kg (ATE) 500 mg/kg (rat)
Dermal	LD50	311 mg/kg (ATE) >2000 mg/kg (rat)
Inhalative	LC50/4 h	0.27 mg/l (ATE) 0.6 mg/l (rat)

· **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: 26530-20-1 2-octyl-2H-isothiazol-3-one**

EC50/48h 0.42 mg/l (Daphnien)

· **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.

(Contd. on page 7)



BE SURE. BUILD SURE.

### Safety data sheet according to UK REACH

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Version number 19 (replaces version 18)

Revision: 08.09.2024

Trade name **Centrament VMA 2**

· **12.7 Other adverse effects**      *No further relevant information available.*

(Contd. of page 6)

#### 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:**      *Disposal must be made according to official regulations.*

· **Recommended cleaning agent:**      *Water, if necessary with cleaning agent.*

#### SECTION 14: Transport information

· **14.1 UN number or ID 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 Maritime transport in bulk according to IMO instruments**

*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.*

(Contd. on page 8)





BE SURE. BUILD SURE.

### Safety data sheet according to UK REACH

Printing date 08.09.2024

Version number 19 (replaces version 18)

Revision: 08.09.2024

**Trade name Centrament VMA 2**

(Contd. of page 7)

· **Poisons Act**

· **Regulated explosives precursors**

None of the ingredients is listed.

· **Regulated poisons**

None of the ingredients is listed.

· **Reportable explosives precursors**

None of the ingredients is listed.

· **Reportable poisons**

None of the ingredients is listed.

· **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

· **Relevant phrases**

- H301 Toxic if swallowed.
- H311 Toxic in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H330 Fatal if inhaled.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- EUH071 Corrosive to the respiratory tract.

· **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)
- LC50: Lethal concentration, 50 percent
- LD50: Lethal dose, 50 percent
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative
- ATE: Acute toxicity estimate values
- Acute Tox. 3: Acute toxicity – Category 3
- Acute Tox. 2: Acute toxicity – Category 2
- Skin Corr. 1: Skin corrosion/irritation – Category 1
- Skin Sens. 1A: Skin sensitisation – Category 1A
- 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

(Contd. on page 9)





BE SURE. BUILD SURE.

Page 9/9

**Safety data sheet  
according to UK REACH**

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Revision: 08.09.2024

**Trade name Centrament VMA 2**

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

(Contd. of page 8)

GB