



BE SURE. BUILD SURE.

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Safety Data Sheet according to P.U.(A) 310/2013

Printing date 30.03.2025

Version number 23

Revision: 30.03.2025

1 Identification of the hazardous chemical and of the supplier

- **Product identifier**
- **Trade name** Centrament VMA 2
- **Article number:** N000027226
- **Recommended use of the chemical and restrictions on use**
- **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **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

2 Hazard identification

- **Classification of the substance or mixture** The product is not classified, according to the Globally Harmonised System (GHS).

- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition and information of the ingredients of the hazardous chemical

- **CAS No. Designation:** Void
- **EC number:** Void
- **Chemical characterisation: Mixtures**
- **Description:** Mixture of the substances listed below with harmless additions.

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Dangerous components:

CAS: 26530-20-1	2-Octyl-2H-isothiazol-3-on	≥0.00025-<0.0015%
	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317	

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** 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.

5 Fire-fighting measures

- Extinguishing media**
- Suitable extinguishing agents** Void
- Special hazards arising from the substance or mixture** No further relevant information available.
- Advice for firefighters**
- Protective equipment:** No special measures required.

6 Accidental release measures

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



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7 Handling and storage

- **Handling**
- **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.*
- **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** *12*

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** *No further data; see section 7.*
- **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.*
- **Exposure controls**
- **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!
Use skin care products after work (moisturising cream).
Change and clean heavily soiled clothing!*
- **Breathing equipment:** *If the limit value is exceeded:
Combination filter A-P2 (brown/white).*

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- **Protection of hands:** *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 protection:** *Safety glasses*
- **Body protection:** *Protective work clothing.*

9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

- **Form:** *Fluid*
- **Colour:** *Yellowish*
- **Smell:** *Characteristic*
- **Odour threshold:** *Not determined.*

· **pH-value at 20 °C:** *7*

· **Change in condition**

- **Melting point/freezing point** *Not determined*
- **Initial boiling point and boiling range** *100 °C*

· **Flash point:** *Not applicable*

· **Flammability** *Not applicable.*

· **Decomposition temperature:** *Not determined.*

· **Ignition temperature:** *Product is not selfigniting.*

· **Explosive properties:** *Product is not explosive.*

· **Critical values for explosion:**

- **Lower:** *Not determined.*
- **Upper:** *Not determined.*

· **Steam pressure at 20 °C:** *23 hPa*

- **Density at 20 °C** *1.01 g/cm³*
- **Relative density** *Not determined.*
- **Vapour density** *Not determined.*
- **Evaporation rate** *Not determined.*

· **Solubility in / Miscibility with Water:** *Fully miscible*

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· **Partition coefficient: n-octanol/water** Not determined.

· **Viscosity:**
dynamic at 20 °C: <100 mPas
kinematic: Not determined.

· **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:**

CAS: 26530-20-1 2-Octyl-2H-isothiazol-3-on

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)

- **Primary irritant effect:**
- **Skin corrosion or irritation** No irritant effect.
- **Serious eye damage or eye irritation** No irritant effect.
- **Respiratory / skin sensitization** 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:

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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:**

CAS: 26530-20-1 2-Octyl-2H-isothiazol-3-on

EC50/48h 0.42 mg/l (Daphnien)

· **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.

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

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

13 Disposal information

· **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.

14 Transportation information

· **UN-Number**

· **ADR, ADN, IMDG, IATA**

Void

· **UN proper shipping name**

· **ADR, ADN, IMDG, IATA**

Void

· **Transport hazard class(es)**

· **ADR, ADN, IMDG, IATA**

· **Class**

Void

· **Packing group**

· **ADR, IMDG, IATA**

Void

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· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· 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

15 Regulatory information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **EHS reference list**

CAS: 26530-20-1 | 2-Octyl-2H-isothiazol-3-on

· **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

· **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)
 LC50: Lethal concentration, 50 percent
 LD50: Lethal dose, 50 percent
 PBT: Persistent, Bioaccumulative and Toxic
 vPvB: very Persistent and very Bioaccumulative
 Acute Tox. 3: Acute toxicity - oral – Category 3
 Acute Tox. 2: Acute toxicity - oral – Category 2
 Skin Corr. 1: Skin corrosion or irritation – Category 1
 Eye Dam. 1: Serious eye damage or eye irritation – Category 1
 Skin Sens. 1: Skin sensitization – Category 1

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

Aquatic Chronic 1: Hazardous to the aquatic environment - chronic hazard – Category 1

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

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