



BE SURE. BUILD SURE.

Page 1/7

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

Printing date 10.12.2024


Version number 33

Revision: 10.12.2024

1 Identification of the hazardous chemical and of the supplier

- **Product identifier**
- **Trade name** **Centrament Proof HL 20**
- **Recommended use of the chemical and restrictions on use** *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:** *Tél.: 0033 622766536*

2 Hazard identification

- **Classification of the substance or mixture**
Skin Sens. 1 H317 May cause allergic skin reaction.
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **Label elements**
- **GHS label elements** *The product is classified and labelled according to the Globally Harmonised System (GHS).*
- **Hazard pictograms**

GHS07
- **Signal word** *Warning*
- **Hazard-determining components of labelling:** *2-octyl-2H-isothiazol-3-one*
- **Hazard statements** *H317 May cause allergic skin reaction.*
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements** *P261 Avoid breathing dust/fume/ gas/mist/vapours/spray.*
P273 Avoid release to the environment.
P280 Wear protective gloves.

(Contd. on page 2)

MY



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Revision: 10.12.2024

Trade name **Centrament Proof HL 20**

(Contd. of page 1)

P333+P313 *If skin irritation or rash occurs: Get medical advice/attention.*

P363 *Wash contaminated clothing before reuse.*

P501 *Dispose of contents/container in accordance with local/regional/national/international regulations.*

- **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

- **Chemical characterisation: Mixtures**
- **Description:** *Mixture consisting of the following components.*

· **Dangerous components:**

CAS: 26530-20-1	2-octyl-2H-isothiazol-3-one	≥0.0025-<0.025%
	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	

4 First-aid measures

- **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.
In case of persistent symptoms consult doctor.*

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.*

(Contd. on page 3)



BE SURE. BUILD SURE.

Page 3/7

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

Printing date 10.12.2024

Version number 33

Revision: 10.12.2024

Trade name **Centrament Proof HL 20**

(Contd. of page 2)

- **Environmental precautions:** Dilute with much water.
- **Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **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.
- **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** The usual precautionary measures should be adhered to in handling the chemicals.
- **Breathing equipment:** Not required.
- **Protection of hands:** Not required.
- **Material of gloves** -
- **Penetration time of glove material** -

(Contd. on page 4)

MY



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Version number 33

Revision: 10.12.2024

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· **Eye protection:** *Not required.*

(Contd. of page 3)

9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

· Form:	<i>Fluid</i>
· Colour:	<i>White</i>
· Smell:	<i>Characteristic</i>

· **pH-value at 20 °C:** *8.75*

· **Change in condition**

· Melting point/freezing point	<i>Not determined</i>
· Initial boiling point and boiling range	<i>100 °C</i>

· **Flash point:** *Not applicable*

· **Auto-ignition temperature** *Product is not selfigniting.*

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

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

· **Density at 20 °C** *1.03 g/cm³*

· **Solubility in / Miscibility with**

· **Water:** *Fully miscible*

· **Viscosity:**

· dynamic:	<i>Not determined.</i>
· kinematic:	<i>Not determined.</i>

· **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*

MY

(Contd. on page 5)



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

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(Contd. of page 4)

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-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)

- Primary irritant effect:
- Serious eye damage or eye irritation
- Respiratory / skin sensitization
- Additional toxicological information:

No irritant effect.

No sensitizing effect known.

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:

CAS: 26530-20-1 2-octyl-2H-isothiazol-3-one

EC50/48h	0.42 mg/l (Daphnien)
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· 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 product to reach ground water, water bodies or sewage system.
Danger to drinking water if even small quantities leak into soil.

· Results of PBT and vPvB assessment

· PBT: Not applicable.

· vPvB: Not applicable.

(Contd. on page 6)

MY



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· **Other adverse effects**

No further relevant information available.

(Contd. of page 5)

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:**

Dispose of packaging according to regulations on the disposal of packagings.
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

· **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

· **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

MY

(Contd. on page 7)



BE SURE. BUILD SURE.

Page 7/7

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

Printing date 10.12.2024

Version number 33

Revision: 10.12.2024

Trade name **Centrament Proof HL 20**

(Contd. of page 6)

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-one

· **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

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

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

Aquatic Chronic 3: Hazardous to the aquatic environment - chronic hazard - Category 3

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

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