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

Printing date 24.02.2024 Version number 27 Revision: 24.02.2024

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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

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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**
May cause allergic skin reaction.
Harmful to aquatic life with long lasting effects.

· **Precautionary statements**
Avoid breathing dust/fume/ gas/mist/vapours/spray.
Avoid release to the environment.
Wear protective gloves.
If skin irritation or rash occurs: Get medical advice/attention.

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Wash contaminated clothing before reuse.
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.

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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 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	≥0.0025-<0.025%

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.
· **Environmental precautions:** Dilute with much water.

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· **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.

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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

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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** -
· **Eye protection:** Not required.

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9 Physical and chemical properties

· **Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Fluid
Colour:	White
· **Smell:**	Characteristic
· **pH-value at 20 °C:**	8.75
· **Change in condition**	
Melting point/freezing point	Not determined
Initial boiling point and boiling range	100 °C
· **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:	Not determined.
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

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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** 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:
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)

· **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.

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· **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:** 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

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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.**