



BE SURE. BUILD SURE.

Page 1/8

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

Printing date 24.12.2022


Version number 10

Revision: 24.12.2022

### 1 Identification of the hazardous chemical and of the supplier

- **Product identifier**
- **Trade name** **Centrament N 3**
- **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*

### 2 Hazard identification

- **Classification of the substance or mixture**  
*Skin Sens. 1 H317 May cause allergic skin reaction.*
- **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.*
- **Precautionary statements** *Avoid breathing dust/fume/ gas/mist/vapours/spray.  
Wear protective gloves.  
If skin irritation or rash occurs: Get medical advice/attention.  
Specific treatment (see on this label).  
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.*

(Contd. on page 2)

MY



BE SURE. BUILD SURE.

Page 2/8

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

Printing date 24.12.2022

Version number 10

Revision: 24.12.2022

Trade name **Centrament N 3**

· **vPvB:**

Not applicable.

(Contd. of page 1)

### 3 Composition and information of the ingredients of the hazardous chemical

· **Chemical characterisation: Mixtures**

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

· **Dangerous components:**

57-50-1	sucrose, pure	<5%
126-71-6	triisobutyl phosphate Skin Sens. 1, H317	≥0.1-<0.5%
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	≥0.0015-<0.0025%

### 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.

· **Information for doctor**

· **Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### 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.

MY

(Contd. on page 3)



BE SURE. BUILD SURE.

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

Printing date 24.12.2022

Version number 10

Revision: 24.12.2022

Trade name **Centrament N 3**

(Contd. of page 2)

#### 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:** *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.*
- **Specific end use(s)** *No further relevant information available.*

#### 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** *No further data; see item 7.*
- **Control parameters**

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

**57-50-1 sucrose, pure**

PEL (Malaysia) Long-term value: 10 mg/m<sup>3</sup>

· **DNELs**

**126-71-6 triisobutyl phosphate**

Oral DNEL 2.13 mg/kg bw/Tag (ArL)

Dermal DNEL 4.25 mg/kg bw/day (ArL)

Inhalative DNEL 50 mg/m<sup>3</sup> (ArL)

(Contd. on page 4)



BE SURE. BUILD SURE.

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

Printing date 24.12.2022

Version number 10

Revision: 24.12.2022

Trade name **Centrament N 3**

(Contd. of page 3)

· **PNECs**

**126-71-6 triisobutyl phosphate**

PNEC	3.72 mg/l (Kla)
	0.0011 mg/l (Mew)
	0.011 mg/l (Suw)
PNEC	0.308 mg/kg dwt (Bod)
	0.158 mg/kg dwt (Sediment)
	1.58 mg/kg dwt (Fresh water sediment)

- **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:** Safety glasses

## 9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

<b>Form:</b>	Fluid
<b>Colour:</b>	Dark brown
<b>Smell:</b>	Characteristic

· **pH-value at 20 °C:** ca. 6.0

· **Change in condition**

<b>Melting point/freezing point</b>	Not determined
<b>Initial boiling point and boiling range</b>	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** 1.17 g/cm<sup>3</sup>

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

(Contd. on page 5)

MY



BE SURE. BUILD SURE.

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

Printing date 24.12.2022

Version number 10

Revision: 24.12.2022

**Trade name Centrament N 3**

(Contd. of page 4)

- **Viscosity:**  
**kinematic at 20 °C:** 13 s (DIN 53211/4  $\text{Å}^2/\text{s}$ )
- **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:**

**126-71-6 triisobutyl phosphate**

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>5000 mg/kg (rabbit)

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

Oral	LD50	125 mg/kg (ATE)
		279 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:

(Contd. on page 6)



BE SURE. BUILD SURE.

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

Printing date 24.12.2022

Version number 10

Revision: 24.12.2022

Trade name **Centrament N 3**

(Contd. of page 5)

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:**

**126-71-6 triisobutyl phosphate**

EC50/24h	10-100 mg/l (Daphnia magna)
EC50/72h	10-100 mg/l (Scenedesmus subspicatus)
LC50/96h	>100 mg/l (Oncorhynchus mykiss)
	10-100 mg/l (Leucidus idus)
EC50	>100 mg/l (Pseudomonas putida)
NOEC	37 mg/l (BEL)

**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 undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

· **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:**

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

(Contd. on page 7)



BE SURE. BUILD SURE.

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

Printing date 24.12.2022

Version number 10

Revision: 24.12.2022

**Trade name Centrament N 3**

(Contd. of page 6)

· **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

#### 15 Regulatory information

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

· **EHS reference list**

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

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.

· **Department issuing data specification sheet:**

Environment protection department.

(Contd. on page 8)



BE SURE. BUILD SURE.

Page 8/8

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

Printing date 24.12.2022

Version number 10

Revision: 24.12.2022

**Trade name Centrament N 3**

(Contd. of page 7)

· **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)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
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

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

MY