



BE SURE. BUILD SURE.

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

Printing date 26.05.2024


Version number 18

Revision: 26.05.2024

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

- **Product identifier**
- **Trade name** **MC-Easyscreed RS**
- **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.  
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.  
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.*

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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.
- 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.

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

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#### 9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

· <b>Form:</b>	Fluid
· <b>Colour:</b>	Transparent
· <b>Smell:</b>	Characteristic

· **pH-value:** Not determined.

· **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** 1.04 g/cm<sup>3</sup>

· **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:**
- **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:  
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.

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· Other adverse effects

No further relevant information available.

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#### 13 Disposal information

· Waste treatment methods

· Recommendation

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· Waste disposal key number:

54206

Bez.: Metallseifen

Entsorgungshinweise:

Sonderabfallverbrennung

Sonderabfalldeponie (bedingt)

Untertagedeponie (bedingt)

· Uncleaned packagings:

· Recommendation:

Packaging can be reused or recycled after 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

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.

· **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.**