



BE SURE. BUILD SURE.

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Safety data sheet according to 1907/2006/EC, Article 31

Printing date 10.11.2023

Version number 26


Revision: 10.11.2023

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name** MC-PowerFlow 1102
- **Relevant identified uses of the substance or mixture and uses advised against** *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 Hazards identification

- **Classification of the substance or mixture**
Skin Sens. 1 H317 May cause an 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 an allergic skin reaction.*
- **Precautionary statements** *Avoid breathing dust/fume/gas/mist/vapours/spray.
Wear protective gloves.
Take off contaminated clothing and wash it before reuse.
If skin irritation or rash occurs: Get medical advice/attention.
Specific treatment (see on this label).
Dispose of contents/container in accordance with local/regional/national/international regulations.*
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** *Not applicable.*

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· vPvB: Not applicable.

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3 Composition/information on ingredients

- CAS No. Designation: void
- Identification number(s): Void
- Chemical characterisation: Mixtures
- Description: Mixture consisting of the following components.

· Dangerous components:

26530-20-1	2-octyl-2H-isothiazol-3-one	≥ 0.0015 - $< 0.0025\%$
	Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1A, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1A, 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 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.
- 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 Firefighting 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.

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- **Environmental precautions:** No special measures required.
- **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
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/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** -

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· Eye protection: Safety glasses

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9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Fluid
Colour: Light brown
Smell: Characteristic

· pH-value at 20 °C: 5.5

· Change in condition

Melting point/freezing point: <0 °C
Initial boiling point and boiling range: 100 °C

· Flash point: Not applicable

· Self-inflammability: Product is not selfigniting.

· Explosive properties: Product is not explosive.

· Steam pressure at 20 °C: 23 hPa

· Density at 20 °C 1.06 g/cm³

· Solubility in / Miscibility with

Water: Fully miscible

· 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.

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· **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:**

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/irritation** No irritant effect.

· **Respiratory or skin sensitisation**

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:**

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.

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· **Other adverse effects**

No further relevant information available.

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13 Disposal considerations

· **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.

14 Transport 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**

· **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.

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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 – Category 3

Acute Tox. 2: Acute toxicity – Category 2

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Skin Sens. 1: Skin sensitisation – Category 1

Skin Sens. 1A: Skin sensitisation – Category 1A

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

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

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

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