



BE SURE. BUILD SURE.

Page 1/8

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2025

Version number 34

Revision: 17.05.2025


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

- **Product identifier**
- **Trade name** MC-Proof one
- **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the mixture** Sealing
- **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**
 - Acute Tox. 5 H333 May be harmful if inhaled.
 - Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.
 - Aquatic Acute 3 H402 Harmful to aquatic life.
 - 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**


GHS08
- **Signal word** Warning
- **Hazard-determining components of labelling:** Titanium dioxide
- **Hazard statements** H333 May be harmful if inhaled.
H351 Suspected of causing cancer. Route of exposure: Inhalation.
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements** P273 Avoid release to the environment.

(Contd. on page 2)

AE

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2025

Version number 34

Revision: 17.05.2025

Trade name MC-Proof one

(Contd. of page 1)

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P304+P312 IF INHALED: Call a POISON CENTER/doctor if you feel unwell.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

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/information on ingredients

· **Chemical characterisation: Mixtures**

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

· **Dangerous components:**

CAS: 13463-67-7	Titanium dioxide Carc. 2, H351; Acute Tox. 5, H333	≥1-<1.5%
CAS: 1314-13-2	Zinc oxide Aquatic Acute 1, H400; Aquatic Chronic 1, H410	≥0.025-<0.25%
CAS: 68610-51-5	phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene Repr. 2, H361; Aquatic Chronic 4, H413	<0.5%
CAS: 55965-84-9	Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1A, H317	≥0.00025-<0.0015%

· **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** For all first aid measures: observe self-protection and consult a doctor!

· **After inhalation** Take the person out into the fresh air.

· **After skin contact** Remove heavily soiled clothing.

Clean with plenty of water.

Do not use thinner or similar.

· **After eye contact** Rinse for 10 minutes under running water with the eyelids open or use eye rinsing solution. Always consult an ophthalmologist!

(Contd. on page 3)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2025

Version number 34

Revision: 17.05.2025

Trade name MC-Proof one

(Contd. of page 2)

- **After swallowing** *Do not induce vomiting.
Drink plenty of water in small sips.*

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** *CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.*
- **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:** *Inform respective authorities in case product reaches water or sewage system.*
- **Methods and material for containment and cleaning up:** *Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*
- **Reference to other sections** *See Section 7 for information on safe handling
See Section 8 for information on personal protection equipment.
See Section 13 for information on disposal.*

7 Handling and storage

- **Handling**
- **Precautions for safe handling** *Open and handle container with care.*
- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** *Protect containers from frost!
Only store in the original container or in containers recommended by the manufacturer.
After decanting, label containers as original containers.
Do not store in break rooms, recreation rooms or sanitary facilities as well as in stairwells, corridors, escape and rescue routes, passages, passageways and confined spaces.*
- **Further information about storage conditions:** *None.*

(Contd. on page 4)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2025

Version number 34

Revision: 17.05.2025

Trade name MC-Proof one

· **Storage class**

12

(Contd. of page 3)

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**
 - Do not store any foodstuffs or eat, drink, snuff or smoke in the work area!
 - Avoid contact with eyes and skin!
 - Preventively apply skin protection ointment to facilitate skin cleansing.
 - Remove product residues from the skin!
 - Clean hands thoroughly at the end of work and before cleaning!
 - Remove product residues from the skin with a suitable cleaning agent - never use solvents or thinners to clean the skin!
 - Use skin care products after work (moisturising cream).
- **Breathing equipment:** For spraying processes:
Particle filter P2 (white)
- **Protection of hands:** Gloves made of: Natural latex, polychloroprene, nitrile rubber.
(Category 3 chemical protective gloves, recognisable by the CE mark with four-digit test number).
When wearing protective gloves, cotton undergloves are recommended.
- **Material of gloves** Natural latex, polychloroprene, nitrile rubber.
- **Penetration time of glove material** The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.
- **Eye protection:** Frame glasses
- **Body protection:** Protective work clothing.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
- Form:** Pasty

(Contd. on page 5)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2025

Version number 34

Revision: 17.05.2025

Trade name MC-Proof one

(Contd. of page 4)

Colour:	Grey
Smell:	Characteristic
Odour threshold:	Not determined.
pH-value at 20 °C:	7-8
Change in condition	
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	100 °C
Flash point:	Not applicable
Inflammability (solid, gaseous)	Not applicable.
Decomposition temperature:	Not determined.
Self-inflammability:	Product is not selfigniting.
Explosive properties:	Product is not explosive.
Critical values for explosion:	
Lower:	Not determined.
Upper:	Not determined.
Steam pressure at 20 °C:	23 hPa
Density at 20 °C	1.15 g/cm ³
Relative density	Not determined.
Vapour density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Fully miscible
Partition coefficient: n-octanol/water:	Not determined.
Viscosity:	
dynamic at 20 °C:	46000 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.

(Contd. on page 6)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2025

Version number 34

Revision: 17.05.2025

Trade name MC-Proof one

(Contd. of page 5)

· **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:**

CAS: 13463-67-7 Titanium dioxide

Oral	LD50	>5000 mg/kg (rat)
Dermal	LD50	>10000 mg/kg (rabbit)
Inhalative	LC50/4 h	>6.8 mg/l (rat)

CAS: 55965-84-9 Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

Oral	LD50	49.6-75 mg/kg (rat)
Dermal	LD50	87.12 mg/kg (rabbit)
Inhalative	LC50/4 h	0.171 mg/l (rat)

· **Primary irritant effect:**
· **Serious eye damage/irritation** No irritant effect.
· **Respiratory or skin sensitisation** No sensitizing effect known.
· **Additional toxicological information:**
· **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)** Carc. 2

12 Ecological information

· **Toxicity**

· **Aquatic toxicity:**

CAS: 55965-84-9 Mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

LC50/24h	0.19 mg/l (fish)
EC50/72h	0.027 mg/l (Pseudokirchneriella subcapitata)
LC50/96h	0.19 mg/l (Oncorhynchus mykiss)
LC50/48h	0.28 mg/l (fish)
EC50/48h	0.16 mg/l (Daphnia magna)
NOEC	0.02 mg/l (Oncorhynchus mykiss)
	0.00049 mg/l (Ske)
	0.1 mg/l (Daphnia magna)

· **Persistence and degradability** No further relevant information available.
· **Behaviour in environmental systems:**
· **Bioaccumulative potential** No further relevant information available.

(Contd. on page 7)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 17.05.2025

Version number 34

Revision: 17.05.2025

Trade name MC-Proof one

(Contd. of page 6)

- **Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Harmful to fish
- **Additional ecological information:**
- **General notes:** Harmful to aquatic organisms
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 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 | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · UN proper shipping name | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | Void |
| · ADR, ADN, IMDG, IATA | Void |
| · Class | Void |
| · Packing group | Void |
| · ADR, IMDG, IATA | Void |
| · Environmental hazards: | No |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of
Marpol and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Void |

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(Contd. on page 8)

Safety data sheet

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Trade name MC-Proof one

(Contd. of page 7)

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.

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
 - Acute Tox. 5: Acute toxicity – Category 5
 - Skin Corr. 1C: Skin corrosion/irritation – Category 1C
 - Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 - Skin Sens. 1A: Skin sensitisation – Category 1A
 - Carc. 2: Carcinogenicity – Category 2
 - Repr. 2: Reproductive toxicity – Category 2
 - Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
 - Aquatic Acute 3: Hazardous to the aquatic environment - acute aquatic hazard – Category 3
 - Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
 - Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
 - Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard – Category 4
- *** Data compared to the previous version altered.**