



BE SURE. BUILD SURE.

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

Printing date 25.05.2024

Version number 18

Revision: 25.05.2024

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

- **Product identifier**
- **Trade name** **MC-RIM Protect-C**
- **Recommended use of the chemical and restrictions on use**
- **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Application of the substance / the mixture** Mineral coating
- **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** The product is not classified, according to the Globally Harmonised System (GHS).

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- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **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 of the substances listed below with harmless additions.

· **Dangerous components:**

CAS: 68439-49-6	Alkohole C16 - C18, ethoxyliert Aquatic Acute 1, H400; Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Aquatic Chronic 3, H412	≥0.25-<2.5%
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### · Additional information

For the wording of the listed hazard phrases refer to section 16.

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## 4 First-aid measures

### · Description of first aid measures

- **After inhalation** Supply fresh air.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Seek medical treatment.
- **After swallowing** Rinse out mouth and then drink plenty of water.  
Seek medical treatment.

## 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **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.  
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** 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**
- **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.

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- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:** *None.*
- **Storage class** *11*  
*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**
- **Protection of hands:** *Wash hands during breaks and at the end of the work.  
Protective gloves.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation  
After use of gloves apply skin-cleaning agents and skin cosmetics.*
- **Material of gloves** *Nitrile rubber, NBR  
Butyl rubber, BR  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.*
- **Penetration time of glove material** *The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.*
- **Eye protection:** *Not required.*
- **Body protection:** *Impervious protective clothing  
Protective work clothing.*

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#### 9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

· <b>Form:</b>	Powder
· <b>Colour:</b>	Whitish
· <b>Smell:</b>	Odourless
· <b>Odour threshold:</b>	Not determined.

· <b>pH-value:</b>	Not determined. Not applicable.
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· **Change in condition**

· <b>Melting point/freezing point</b>	Not determined
· <b>Initial boiling point and boiling range</b>	100 °C

· <b>Flash point:</b>	Not applicable
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· <b>Flammability (solid, gas)</b>	Not applicable.
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· <b>Decomposition temperature:</b>	Not determined.
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· <b>Auto-ignition temperature</b>	Product is not selfigniting.
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· <b>Explosive properties:</b>	Product is not explosive.
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· **Critical values for explosion:**

· <b>Lower:</b>	Not determined.
· <b>Upper:</b>	Not determined.

· <b>Steam pressure at 20 °C:</b>	23 hPa
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· <b>Density</b>	Not determined
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.

· **Solubility in / Miscibility with**

· <b>Water:</b>	Fully miscible
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· <b>Partition coefficient: n-octanol/water</b>	Not determined.
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· **Viscosity:**

· <b>dynamic:</b>	Not determined. Not applicable.
· <b>kinematic:</b>	Not determined. Not applicable.

· **Other information**

No further relevant information available.

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#### 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:**
- |  |      |                       |
|--|------|-----------------------|
| <b>CAS: 68439-49-6 Alkohole C16 - C18, ethoxyliert</b> |      |                       |
| Oral   | LD50 | 2001-4999 mg/kg (rat) |
- **Primary irritant effect:**
  - **Serious eye damage or eye irritation** No irritant effect.
  - **Respiratory / skin sensitization** No sensitizing effect known.

#### 12 Ecological information

- **Toxicity**
  - **Aquatic toxicity:**
- |  |   |
|--|---|
| <b>CAS: 68439-49-6 Alkohole C16 - C18, ethoxyliert</b> |   |
| LC50/96h   | 0.464-1 mg/l (Danio rerio)<br>11-99 mg/l (fish) |
| EC50/48h   | >100 mg/l (Daphnien)                            |
| EC10/3d  | >1000 mg/l (BEL)                                |
- **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.
  - **Ecotoxicological effects:**
  - **Remark:** Harmful to fish
  - **Additional ecological information:**
  - **General notes:** Harmful to aquatic organisms

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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:** 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, IMDG, IATA** Void

· **UN proper shipping name**

- **ADR, 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.

· **UN "Model Regulation":**

Void

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### 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

- **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. 4: Acute toxicity - oral – Category 4  
Skin Irrit. 2: Skin corrosion or irritation – Category 2  
Eye Irrit. 2: Serious eye damage or eye irritation – Category 2  
Aquatic Acute 1: Hazardous to the aquatic environment - acute hazard – Category 1  
Aquatic Chronic 3: Hazardous to the aquatic environment - chronic hazard – Category 3*
- **\* Data compared to the previous version altered.**

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