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


Printing date 19.01.2019

Revision: 19.01.2019

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name** **MC-Montan Injekt LE - Komponente A**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Application of the substance / the mixture** injection foam
- **1.3 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:** Technische Abteilung  
msds@mc-bauchemie.de
- **1.4 Emergency telephone number:** Tel.: +49 / (0)700 24112112 (MCR)  
Tel.: +48612864565

### SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Skin Corr. 1B H314 Causes severe skin burns and eye damage.  
Eye Dam. 1 H318 Causes serious eye damage.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms**  
  
GHS05
- **Signal word** Danger
- **Hazard-determining components of labelling:** N,N-bis[3-(dimethylamino)propyl]-N',N'-dimethylpropane-1,3-diamine
- **Hazard statements** H314 Causes severe skin burns and eye damage.

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- **Precautionary statements**
  - P260 Do not breathe dusts or mists.
  - P280 Wear protective gloves/protective clothing/eye protection/face protection.
  - P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
  - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P310 Immediately call a POISON CENTER/doctor.
  - P321 Specific treatment (see on this label).
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Mixture consisting of the following components.

· **Dangerous components:**

|                                      |   |          |
|--------------------------------------|---|----------|
| CAS: 25214-63-5                      | ethylenediamine, propoxylated<br>Eye Irrit. 2, H319   | ≥10-<25% |
| CAS: 33329-35-0<br>EINECS: 251-459-0 | N,N-bis[3-(dimethylamino)propyl]-N',N'-dimethylpropane-1,3-diamine<br>Skin Corr. 1B, H314; Acute Tox. 4, H312 | ≥5-<10%  |

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Instantly call for doctor.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available.

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### SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **6.4 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.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 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** 10
- **7.3 Specific end use(s)** No further relevant information available.

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### SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **8.1 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.
- **8.2 Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** Keep away from foodstuffs, beverages and food.  
Wash hands during breaks and at the end of the work.
- **Breathing equipment:** Not required.
- **Protection of hands:** 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** 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 break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses  
Tightly sealed safety glasses.
- **Body protection:** Impervious protective clothing  
Protective work clothing.

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
- **Form:** Fluid
- **Colour:** Yellow
- **Smell:** Characteristic
- **Odour threshold:** Not determined.
- **pH-value:** Not determined.

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|   |  |
|---|--|
| · <b>Change in condition</b><br>Melting point/freezing point: | Not determined                             |
| Initial boiling point and boiling range:                      | Not determined                             |
| · <b>Flash point:</b>   | >100 °C                                    |
| · <b>Inflammability (solid, gaseous)</b>                      | Not applicable.                            |
| · <b>Decomposition temperature:</b>                           | Not determined.                            |
| · <b>Self-inflammability:</b>                                 | Product is not selfigniting.               |
| · <b>Explosive properties:</b>                                | Product is not explosive.                  |
| · <b>Critical values for explosion:</b><br>Lower:             | Not determined.                            |
| Upper:  | Not determined.                            |
| · <b>Steam pressure:</b>                                      | Not determined.                            |
| · <b>Density at 20 °C</b>                                     | 1.02 g/cm <sup>3</sup>                     |
| · <b>Relative density</b>                                     | Not determined.                            |
| · <b>Vapour density</b>                                       | Not determined.                            |
| · <b>Evaporation rate</b>                                     | Not determined.                            |
| · <b>Solubility in / Miscibility with Water:</b>              | Not miscible or difficult to mix           |
| · <b>Partition coefficient: n-octanol/water:</b>              | Not determined.                            |
| · <b>Viscosity:</b><br>dynamic:                               | Not determined.                            |
| kinematic:  | Not determined.                            |
| · <b>9.2 Other information</b>                                | No further relevant information available. |

#### SECTION 10: Stability and reactivity

|  |   |
|--|---|
| · <b>10.1 Reactivity</b>                                   | No further relevant information available.            |
| · <b>10.2 Chemical stability</b>                           |   |
| · <b>Thermal decomposition / conditions to be avoided:</b> | No decomposition if used according to specifications. |
| · <b>10.3 Possibility of hazardous reactions</b>           | No dangerous reactions known                          |
| · <b>10.4 Conditions to avoid</b>                          | No further relevant information available.            |
| · <b>10.5 Incompatible materials:</b>                      | No further relevant information available.            |
| · <b>10.6 Hazardous decomposition products:</b>            | No dangerous decomposition products known             |

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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

· **Acute toxicity** Based on available data, the classification criteria are not met.

#### · LD/LC50 values that are relevant for classification:

**33329-35-0 N,N-bis[3-(dimethylamino)propyl]-N',N'-dimethylpropane-1,3-diamine**

|            |          |                         |
|------------|----------|-------------------------|
| Oral       | LD50     | 2,445 mg/kg (Ratte)     |
| Dermal     | LD50     | 1,150 mg/kg (Kaninchen) |
| Inhalative | LC50/4 h | 1.9 mg/l (Ratte)        |

#### · Primary irritant effect:

· **Skin corrosion/irritation** Causes severe skin burns and eye damage.

· **Serious eye damage/irritation** Causes serious eye damage.

#### · Respiratory or skin sensitisation

Based on available data, the classification criteria are not met.

#### · CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

· **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

· **Carcinogenicity** Based on available data, the classification criteria are not met.

· **Reproductive toxicity** Based on available data, the classification criteria are not met.

· **STOT-single exposure** Based on available data, the classification criteria are not met.

· **STOT-repeated exposure** Based on available data, the classification criteria are not met.

· **Aspiration hazard** Based on available data, the classification criteria are not met.

### SECTION 12: Ecological information

#### 12.1 Toxicity

· **Aquatic toxicity:** No further relevant information available.

#### 12.2 Persistence and degradability

No further relevant information available.

#### 12.3 Bioaccumulative potential

No further relevant information available.

#### 12.4 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.

#### 12.5 Results of PBT and vPvB assessment

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

#### 13.1 Waste treatment methods

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

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- **Uncleaned packagings:**
- **Recommendation:** *Disposal must be made according to official regulations.*

**SECTION 14: Transport information**

- **14.1 UN-Number**  
· **ADR, ADN, IMDG, IATA** *Void*
- **14.2 UN proper shipping name**  
· **ADR, ADN, IMDG, IATA** *Void*
- **14.3 Transport hazard class(es)**  
· **ADR, ADN**  
· **Class** *Void*
- **IMDG, IATA**  
· **Class** *Void*  
· **Label** *-*
- **14.4 Packing group**  
· **ADR, IMDG, IATA** *Void*
- **14.5 Environmental hazards:**  
· **Marine pollutant:** *No*
- **14.6 Special precautions for user** *Not applicable.*
- **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** *Not applicable.*
- **UN "Model Regulation":** *Void*

**SECTION 15: Regulatory information**

- **15.1 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.*  
· **REGULATION (EC) No 1907/2006 ANNEX XVII** *Conditions of restriction: 3*
- **15.2 Chemical safety assessment:** *A Chemical Safety Assessment has not been carried out.*

**SECTION 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.*

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- **Relevant phrases**  
*H312 Harmful in contact with skin.*  
*H314 Causes severe skin burns and eye damage.*  
*H319 Causes serious eye irritation.*
  
- **Department issuing data specification sheet:** *Environment protection department.*
- **Abbreviations and acronyms:**  
*ADR: Accord européen sur le transport 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*  
*GHS: Globally Harmonised System of Classification and Labelling of Chemicals*  
*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 – Category 4*  
*Skin Corr. 1B: Skin corrosion/irritation – Category 1B*  
*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*  
*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*
  
- **\* Data compared to the previous version altered.**

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