



BE SURE. BUILD SURE.

Page 1/8

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

Printing date 25.06.2023

Version number 21


Revision: 25.06.2023

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

- **Product identifier**
- **Trade name** **MC-Montan Injekt LE - Komponente A**
- **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
- **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.
Skin Irrit. 2 H315 Causes skin irritation.
Serious eye damage/irritation – Category 2A H319 Causes serious eye irritation.
- **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:** N,N,N',N'-tetramethyl-2,2'-oxybis(ethylamine)
- **Hazard statements** May be harmful if inhaled.
Causes skin irritation.
Causes serious eye irritation.
- **Precautionary statements** Wear eye protection / face protection.
IF INHALED: Call a POISON CENTER/doctor if you feel unwell.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.

(Contd. on page 2)

AE



BE SURE. BUILD SURE.

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

Printing date 25.06.2023

Version number 21

Revision: 25.06.2023

Trade name MC-Montan Injekt LE - Komponente A

(Contd. of page 1)

If skin irritation occurs: Get medical advice/attention.
Take off contaminated clothing and wash it before reuse.
If eye irritation persists: Get medical advice/attention.

- **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:**

25322-69-4	Polypropylene glycol Acute Tox. 4, H302; Acute Tox. 5, H313	10-30%
3033-62-3	N,N,N',N'-tetramethyl-2,2'-oxybis(ethylamine) Acute Tox. 3, H311; Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Acute Tox. 4, H332	≥1-<3%

- **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** 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.
- **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** Use fire fighting measures that suit the environment.
- **Special hazards arising from the substance or mixture** No further relevant information available.

(Contd. on page 3)



BE SURE. BUILD SURE.

Page 3/8

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

Printing date 25.06.2023

Version number 21

Revision: 25.06.2023

Trade name **MC-Montan Injekt LE - Komponente A**

(Contd. of page 2)

- **Advice for firefighters**
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Not required.
- **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).
Dispose of contaminated material as waste according to item 13.
Ensure adequate ventilation.
- **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** Ensure good ventilation/exhaustion at the workplace.
Prevent formation of aerosols.
- **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.

(Contd. on page 4)

AE



BE SURE. BUILD SURE.

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

Printing date 25.06.2023

Version number 21

Revision: 25.06.2023

Trade name MC-Montan Injekt LE - Komponente A

(Contd. of page 3)

· **Control parameters**

· **Components with critical values that require monitoring at the workplace:**

3033-62-3 N,N,N',N'-tetramethyl-2,2'-oxybis(ethylamine)

REL (USA) *Minimize exp.;NIAX Catalyst ESN;Pocket Guide App.C*

TLV (USA) *Short-term value: 0.15 ppm
Long-term value: 0.05 ppm
Skin*

· **DNELs**

3033-62-3 N,N,N',N'-tetramethyl-2,2'-oxybis(ethylamine)

Inhalative DNEL *0.08 mg/m³ (ArL)*

· **PNECs**

3033-62-3 N,N,N',N'-tetramethyl-2,2'-oxybis(ethylamine)

PNEC *7.2 mg/l (Sewage Treatment Plant)
0.023 mg/l (Fresh water)
0.0023 mg/l (Mew)
PNEC 0.007 mg/kg dwt (Bod)
0.0019 mg/kg dwt (Marine water sediment)
0.019 mg/kg dwt (Fresh water sediment)*

· **Additional information:** *The lists that were valid during the compilation were used as basis.*

· **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.
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.*

· **Material of gloves**

· **Penetration time of glove material**

The exact break trough 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

(Contd. on page 5)



BE SURE. BUILD SURE.

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

Printing date 25.06.2023

Version number 21

Revision: 25.06.2023

Trade name MC-Montan Injekt LE - Komponente A

Protective work clothing.

(Contd. of page 4)

9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

· Form:	Fluid
· Colour:	Light yellow
· Smell:	Fish-like
· Odour threshold:	Not determined.

· **pH-value:** Not determined.

· **Change in condition**

· Melting point/freezing point:	Not determined
· Initial boiling point and boiling range:	Not determined

· **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:** Not determined.

· Density at 20 °C	1.05 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:	373 mPas
· kinematic:	Not determined.

· **Other information**

No further relevant information available.

AE

(Contd. on page 6)



BE SURE. BUILD SURE.

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

Printing date 25.06.2023

Version number 21

Revision: 25.06.2023

Trade name MC-Montan Injekt LE - Komponente A

(Contd. of page 5)

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:**

25322-69-4 Polypropylene glycol

Oral	LD50	1000-<2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rabbit)

3033-62-3 N,N,N',N'-tetramethyl-2,2'-oxybis(ethylamine)

Oral	LD50	609 mg/kg (rat)
Dermal	LD50	314 mg/kg (rabbit)

- **Primary irritant effect:**
- **Serious eye damage/irritation** No irritant effect.
- **Respiratory or skin sensitisation** No sensitizing effect known.
- **Additional toxicological information:** The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
Harmful

12 Ecological information

- **Toxicity**

· **Aquatic toxicity:**

25322-69-4 Polypropylene glycol

LC50/48h	>100 mg/l (Leucidus idus)
EC50/48h	>100 mg/l (Daphnia magna)
EC0	>100 mg/l (Desmodemus subspicatus)

(Contd. on page 7)



BE SURE. BUILD SURE.

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

Printing date 25.06.2023

Version number 21

Revision: 25.06.2023

Trade name MC-Montan Injekt LE - Komponente A

(Contd. of page 6)

3033-62-3 N,N,N',N'-tetramethyl-2,2'-oxybis(ethylamine)

LC50/96h 131.2 mg/l (Oncorhynchus mykiss)

EC50/48h 102 mg/l (Daphnia magna)

NOEC 1.83 mg/l (algae)

ErC50/72h 24 mg/l (algae)

- **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.
- **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**
- **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.

(Contd. on page 8)



BE SURE. BUILD SURE.

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

Printing date 25.06.2023

Version number 21

Revision: 25.06.2023

Trade name MC-Montan Injekt LE - Komponente A

(Contd. of page 7)

- | | |
|---|-----------------|
| · Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · 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.

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:**
 - 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)
 - DNEL: Derived No-Effect Level (REACH)
 - PNEC: Predicted No-Effect Concentration (REACH)
 - 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
 - Acute Tox. 3: Acute toxicity – Category 3
 - Acute Tox. 5: Acute toxicity – Category 5
 - Skin Corr. 1B: Skin corrosion/irritation – Category 1B
 - Skin Irrit. 2: Skin corrosion/irritation – Category 2
 - Eye Dam. 1: Serious eye damage/eye irritation – Category 1
 - Serious eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A

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