



BE SURE. BUILD SURE.

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

Printing date 15.10.2021

Version number 6

Revision: 13.10.2021

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

· **1.1 Product identifier**

· **Trade name** **MC-Fastpack 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:** 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 Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2 H319 Causes serious eye irritation.

· **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**



GHS07

· **Signal word**

Warning

· **Hazard statements**

H315 Causes skin irritation.

H319 Causes serious eye irritation.

· **Precautionary statements**

P264

Wash thoroughly after handling.

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P280 Wear protective gloves / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P337+P313 If eye irritation persists: Get medical advice/attention.

· **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: 3033-62-3 EINECS: 221-220-5 Reg.nr.: 01-2119972935-21	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%
CAS: 111-46-6 EINECS: 203-872-2	2,2'-oxybisethanol Acute Tox. 3, H331; Acute Tox. 4, H302	<0.5%

· **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

- **8.1 Control parameters**
- **Additional information about design of technical systems:** No further data; see item 7.

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

111-46-6 2,2'-oxybisethanol

WEL Long-term value: 101 mg/m³, 23 ppm

· **DNELs**

25791-96-2 Glycerin, propoxyliert

Dermal DNEL 13.9 mg/kg bw/day (ArL)

Inhalative DNEL 98 mg/m³ (ArL)

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

Inhalative DNEL 0.08 mg/m³ (ArL)

111-46-6 2,2'-oxybisethanol

Dermal DNEL 106 mg/kg bw/day (ArL)

Inhalative DNEL 60 mg/m³ (ArL)

· **PNECs**

25791-96-2 Glycerin, propoxyliert

PNEC 1000 mg/l (Kla)

0.02 mg/l (Mew)

0.2 mg/l (Suw)

PNEC 0.0665 mg/kg dwt (Bod)

0.052 mg/kg dwt (Marine water sediment)

0.52 mg/kg dwt (Fresh water sediment)

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)

111-46-6 2,2'-oxybisethanol

PNEC 199.5 mg/l (Sewage Treatment Plant)

10 mg/l (Fresh water)

1 mg/l (Marine)

PNEC 1.53 mg/kg dwt (Bod)

20.9 mg/kg dwt (Fresh water sediment)

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

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- **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:**
- **Protection of hands:**

*Not required.
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 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
Protective work clothing.*

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

Form: Liquid

Colour: Yellow

- **Smell:** *Characteristic*

- **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:** *>100 °C*

- **Inflammability (solid, gaseous)** *Not applicable.*

- **Decomposition temperature:** *Not determined.*

- **Self-inflammability:** *Product is not selfigniting.*

- **Explosive properties:** *Product is not explosive.*

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· **Critical values for explosion:**

Lower: Not determined.
Upper: Not determined.

· **Steam pressure:** Not determined.

· **Density at 20 °C** 1.05 g/cm³
· **Relative density** Not determined.
· **Vapour density** Not determined.
· **Evaporation rate** Not determined.

· **Solubility in / Miscibility with Water:** Partly miscible

· **Partition coefficient: n-octanol/water:** Not determined.

· **Viscosity:**
dynamic: Not determined.
kinematic: Not determined.

· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

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

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:**

25791-96-2 Glycerin, propoxyliert

Oral	LD50	>2000 mg/kg (rat)
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3033-62-3 N,N,N',N'-tetramethyl-2,2'-oxybis(ethylamine)

Oral	LD50	609 mg/kg (rat)
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Dermal	LD50	314 mg/kg (rabbit)
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111-46-6 2,2'-oxybisethanol

Oral	LD50	12565 mg/kg (rat)
	NOAEL	3060 mg/kg (mouse)
Dermal	LD50	11890 mg/kg (rabbit)
Inhalative	LC50/4 h	>5.08 mg/l (rat)

- **Primary irritant effect:**
- **Skin corrosion/irritation** Causes skin irritation.
- **Serious eye damage/irritation** Causes serious eye irritation.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **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:**

25791-96-2 Glycerin, propoxyliert

LC50/96h	>1000 mg/l (Leucidus idus)
EC50/48h	>100 mg/l (Daphnia magna)
EC0	>100 mg/l (Desmodesmus subspicatus)

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)

111-46-6 2,2'-oxybisethanol

IC50	>1000 mg/l (Bak)
EC50/24h	>10000 mg/l (Daphnien)
LC50/96h	75200 mg/l (fish)
NOEC	8590 mg/l (Daphnien)

- **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.

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- **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.*
- **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, IMDG, IATA**
- **Class** *Void*
- **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*

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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.*
- **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.

- **Relevant phrases**
*H302 Harmful if swallowed.
H311 Toxic in contact with skin.
H314 Causes severe skin burns and eye damage.
H318 Causes serious eye damage.
H331 Toxic if inhaled.
H332 Harmful if inhaled.*
- **Department issuing data specification sheet:** *Environment protection department.*
- **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
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)
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
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
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*

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

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