



BE SURE. BUILD SURE.

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

Printing date 21.04.2022


Version number 11

Revision: 21.04.2022

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

- **Product identifier**
- **Trade name** MC-Injekt 2300 top - Komponente A
- **Relevant identified uses of the substance or mixture and uses advised against** No further relevant information available.
- **Application of the substance / the mixture** Polyurethane resin  
Injektion
- **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
- **Emergency telephone number:** Tel.: +49 / (0)700 24112112 (MCR)  
Tel.: +48612864565

### 2 Hazards identification

- **Classification of the substance or mixture**  
Acute Tox. 5 H303 May be harmful if swallowed.  
Acute Tox. 5 H313 May be harmful in contact with skin.  
Eye Irritation 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:** ethane-1,2-diol
- **Hazard statements** May be harmful if swallowed.  
May be harmful in contact with skin.  
Causes serious eye irritation.

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- **Precautionary statements** Wash thoroughly after handling.  
Wear eye protection / face protection.  
IF IN EYES: Rinse cautiously with water for several minutes.  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Call a POISON CENTER/doctor if you feel unwell.  
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:** Resin mixture.  
Mixture consisting of the following components.

· **Dangerous components:**

25322-69-4	Polymer of propylene glycol Acute Tox. 5, H303; Acute Tox. 5, H313	25-50%
770-35-4	1-Phenoxypropan-2-ol Eye Irritation 2A, H319; Acute Tox. 5, H303; Acute Tox. 5, H313	≥10-<25%
107-21-1	ethane-1,2-diol STOT RE 2, H373; Acute Tox. 4, H302; Acute Tox. 5, H313	<5%

### 4 First aid measures

- **Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Supply fresh air.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Rinse out mouth and then drink plenty of water.  
Seek medical treatment.
- **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.

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### 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.
- **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).
- **Reference to other sections** No dangerous materials are released.

### 7 Handling and storage

- **Handling**
- **Precautions for safe handling** No special measures required.
- **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.
- **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 item 7.

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**· Control parameters**

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

**107-21-1 ethane-1,2-diol**

TLV (USA)	Short-term value: 10** mg/m <sup>3</sup> , 50* ppm Long-term value: 25* ppm *vapor fraction:**inh. fraction, aerosol only, A4
WEEL (USA)	I (2)
IOELV (European Union)	Short-term value: 104 mg/m <sup>3</sup> , 40 ppm Long-term value: 52 mg/m <sup>3</sup> , 20 ppm Skin
WEL (Great Britain)	Short-term value: 104** mg/m <sup>3</sup> , 40** ppm Long-term value: 10* 52** mg/m <sup>3</sup> , 20** ppm Sk *particulate **vapour

**· DNELs**

**770-35-4 1-Phenoxypropan-2-ol**

Dermal	DNEL	42 mg/kg bw/day (ArL)
Inhalative	DNEL	25.7 mg/m <sup>3</sup> (ArL)
<b>107-21-1 ethane-1,2-diol</b>		
Dermal	DNEL	106 mg/kg bw/day (ArL)
Inhalative	DNEL	35 mg/m <sup>3</sup> (ArL)

**· PNECs**

**770-35-4 1-Phenoxypropan-2-ol**

PNEC	0.01 mg/l (Mew)
	0.1 mg/l (Suw)
PNEC	0.02 mg/kg dwt (Bod)
	0.038 mg/kg dwt (Marine water sediment)
	0.38 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**

The usual precautionary measures should be adhered to in handling the chemicals.

**· Breathing equipment:**

Not required.

**· Protection of hands:**

Not required.

**· Material of gloves**

-

**· Penetration time of glove material**

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**· Eye protection:**

Safety glasses

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### 9 Physical and chemical properties

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

· **General Information**

· **Appearance:**

· <b>Form:</b>	Fluid
· <b>Colour:</b>	Yellow
· <b>Smell:</b>	Characteristic

· **pH-value:** Not applicable.

· **Change in condition**

· <b>Melting point/freezing point:</b>	Not determined
· <b>Initial boiling point and boiling range:</b>	243 °C

· **Flash point:** Not applicable

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

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

· **Steam pressure at 20 °C:** 0 hPa

· **Density at 20 °C** 0.99 g/cm<sup>3</sup>

· **Solubility in / Miscibility with**

· **Water:** Not miscible or difficult to mix

· **Viscosity:**

· **kinematic at 20 °C:** 80 s (DIN 53211/4)

· **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.

· **Hazardous decomposition products:** No dangerous decomposition products known

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**11 Toxicological information**

- Information on toxicological effects
- Acute toxicity

· LD/LC50 values that are relevant for classification:

**25322-69-4 Polymer of propylene glycol**

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

**770-35-4 1-Phenoxypropan-2-ol**

Oral	LD50	>2000 mg/kg (rat)
Dermal	LD50	>2000 mg/kg (rat)

**107-21-1 ethane-1,2-diol**

Oral	LD50	4000 mg/kg (rat)
	LDL0	1600 mg/kg (Workers)
Dermal	LD50	>3500 mg/kg (mouse)
		10600 mg/kg (rbt)

- Primary irritant effect:
- Serious eye damage/irritation No irritant effect.
- Respiratory or skin sensitisation No sensitizing effect known.
- Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

**12 Ecological information**

- Toxicity

· Aquatic toxicity:

**25322-69-4 Polymer of propylene glycol**

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

**770-35-4 1-Phenoxypropan-2-ol**

EC50/72h	>100 mg/l (Desmodesmus subspicatus)
LC50/96h	280 mg/l (Pimephales promelas)
LC50/48h	370 mg/l (Daphnia magna)

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#### 107-21-1 ethane-1,2-diol

LC50/96h	72860 mg/l ( <i>Pimephales promelas</i> )
EC50/48h	>100 mg/l ( <i>Daphnia magna</i> )
EC50/96h	6500-13000 mg/l ( <i>Selenastrum capricornutum</i> )
NOEC	8590 mg/l ( <i>Ceriodaphnia dubia</i> )
	15380 mg/l ( <i>Pimephales promelas</i> )

- **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:** Dispose of packaging according to regulations on the disposal of packagings.  
Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

### 14 Transport information

- |                                     |      |
|-------------------------------------|------|
| · <b>UN-Number</b>                  | Void |
| · <b>ADR, ADN, IMDG, IATA</b>       | Void |
| · <b>UN proper shipping name</b>    | Void |
| · <b>ADR, ADN, IMDG, IATA</b>       | Void |
| · <b>Transport hazard class(es)</b> | Void |
| · <b>ADR, ADN, IMDG, IATA</b>       | Void |
| · <b>Class</b>                      | Void |
| · <b>Packing group</b>              | Void |
| · <b>ADR, IMDG, IATA</b>            | Void |

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· <b>Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>Special precautions for user</b>	Not applicable.
· <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	Not dangerous according to the above specifications.
· <b>UN "Model Regulation":</b>	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:**
  - 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)
  - 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. 5: Acute toxicity – Category 5
  - Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
  - STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

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