



BE SURE. BUILD SURE.

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

Printing date 30.12.2022

Version number 9 (replaces version 8)

Revision: 30.12.2022

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

#### 1.1 Product identifier

Trade name **MC-Injekt 2300 rapid - Komponente A**

Article number: 3666

#### 1.2 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

#### 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

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 GB CLP regulation.

##### Hazard pictograms



GHS07

##### Signal word

Warning

##### Hazard statements

H319 Causes serious eye irritation.

##### Precautionary statements

P264

Wash thoroughly after handling.

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P280 *Wear 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.*  
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 Mixtures**

· **Description:** *Resin mixture.  
Mixture consisting of the following components.*

· **Dangerous components:**

CAS: 770-35-4 EINECS: 212-222-7 Reg.nr.: 01-2119486566-23-0000	1-Phenoxypropan-2-ol Eye Irrit. 2, H319	≥10-<25%
CAS: 107-21-1 EINECS: 203-473-3 Reg.nr.: 01-2119456816-28	ethane-1,2-diol STOT RE 2, H373; Acute Tox. 4, H302	<5%

### SECTION 4: First aid measures

· **4.1 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.*

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

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **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.
- **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

##### Components with critical values that require monitoring at the workplace:

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

WEL	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)

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

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.

##### 8.2 Exposure controls

##### Appropriate engineering controls

No further data; see item 7.

##### Individual protection measures, such as personal protective equipment

##### General protective and hygienic measures

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

##### Breathing equipment:

Not required.

##### Hand protection

Not required.

##### Material of gloves

-

##### Penetration time of glove material

-

##### Eye/face protection

Safety glasses  
Tightly sealed safety glasses.

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### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

· Colour:	Yellow
· Smell:	Characteristic
· Melting point/freezing point:	Not determined
· Boiling point or initial boiling point and boiling range	243 °C (770-35-4 1-Phenoxypropan-2-ol)
· Flash point:	127 °C
· Ignition temperature:	135 °C (770-35-4 1-Phenoxypropan-2-ol)
· pH	Not applicable.
· Viscosity:	
· Kinematic viscosity at 20 °C	80 s (DIN 53211/4)
· Solubility	
· Water:	Not miscible or difficult to mix
· Steam pressure at 20 °C:	0 hPa
· Density and/or relative density	
· Density at 20 °C	0.98 g/cm <sup>3</sup>

#### 9.2 Other information

· Appearance:	
· Form:	Fluid
· Important information on protection of health and environment, and on safety.	
· Self-inflammability:	Product is not selfigniting.
· Explosive properties:	Product is not explosive.

#### Information with regard to physical hazard classes

· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void

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· **Desensitised explosives**      Void

#### 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 hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity**      Based on available data, the classification criteria are not met.

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

##### 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)

- **Skin corrosion/irritation**      Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation**      Causes serious eye irritation.
- **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.
- **11.2 Information on other hazards**

· **Endocrine disrupting properties**

None of the ingredients is listed.

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### SECTION 12: Ecological information

#### · 12.1 Toxicity

##### · Aquatic toxicity:

##### **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*)

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

LC50/96h 72860 mg/l (*Pimephales promelas*)

EC50/48h >100 mg/l (*Daphnia magna*)

EC50/96h 6500-13000 mg/l (*Selenastrum capricornutum*)

NOEC 8590 mg/l (*Ceriodaphnia dubia*)

15380 mg/l (*Pimephales promelas*)

#### · 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.

#### · 12.5 Results of PBT and vPvB assessment

##### · PBT:

Not applicable.

##### · vPvB:

Not applicable.

#### · 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

#### · 12.7 Other adverse effects

##### · Additional ecological information:

##### · General notes:

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

### 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:

Dispose of packaging according to regulations on the disposal of packagings.

Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

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#### SECTION 14: Transport information

· 14.1 UN number or ID 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 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· UN "Model Regulation":	Void

#### SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture	No further relevant information available.
· 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. H319 Causes serious eye irritation. H373 May cause damage to organs through prolonged or repeated exposure.
· Department issuing data specification sheet:	Environment protection department.
· 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)

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*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*

*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 (UK REACH)*

*PNEC: Predicted No-Effect Concentration (UK 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*

*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*

*STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2*

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

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