



BE SURE. BUILD SURE.

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

Printing date 02.06.2023

Version number 22

Revision: 02.06.2023

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

- **Product identifier**
- **Trade name** MC-Injekt 2300 - 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*

### 2 Hazards identification

- **Classification of the substance or mixture** *The product is not classified, according to the Globally Harmonised System (GHS).*
- **Label elements**
- **GHS label elements** *Void*
- **Hazard pictograms** *Void*
- **Signal word** *Void*
- **Hazard statements** *Void*
- **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 of the substances listed below with harmless additions.*

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· <b>Dangerous components:</b>		
64742-55-8	Distillates (petroleum), hydrotreated light paraffinic Asp. Tox. 1, H304	10-30%
28553-12-0	diisononyl phthalate	10-30%
647425-69-2	Destillate (Erdöl), Lösungsmittel-entwachte leichte paraffinhaltige; Grundöl - nicht spezifiziert Asp. Tox. 1, H304	<10%

**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.*

**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).*

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

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### 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.
- **Storage class** 10
- **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.
- **Control parameters**
- **Components with critical values that require monitoring at the workplace:**

28553-12-0 diisononyl phthalate	
WEL (Great Britain)	Long-term value: 5 mg/m <sup>3</sup>
- **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** Natural rubber, NR
- **Penetration time of glove material** -
- **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 determined.

· **Change in condition**

· <b>Melting point/freezing point:</b>	Not determined
· <b>Initial boiling point and boiling range:</b>	421 °C

· **Flash point:** 229 °C

· **Auto-ignition temperature:** 420 °C

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

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

· **Critical values for explosion:**

· <b>Lower:</b>	<0.1 Vol %
· <b>Upper:</b>	0.2 Vol %

· **Steam pressure at 219 °C:** 2.6 hPa

· **Density at 20 °C** 0.93 g/cm<sup>3</sup>

· **Solubility in / Miscibility with**

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

· **Viscosity:**

· <b>dynamic:</b>	Not determined.
· <b>kinematic at 20 °C:</b>	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 /**

No decomposition if used according to specifications.

· **conditions to be avoided:**

· **Possibility of hazardous**

No dangerous reactions known

· **reactions**

· **Conditions to avoid**

No further relevant information available.

· **Incompatible materials:**

No further relevant information available.

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- **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:

**64742-55-8 Distillates (petroleum), hydrotreated light paraffinic**

Dermal	LD50	>5000 mg/kg (rat)
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**28553-12-0 diisononyl phthalate**

Oral	LD50	10000 mg/kg (rat)
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- **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:

**28553-12-0 diisononyl phthalate**

EC50/72h	88 mg/l (algae)
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LC50/96h	102 mg/l (Danio rerio)
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EC50/48h	74 mg/l (Daphnia magna)
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NOEC	101 mg/l (Daphnia magna)
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- **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.

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· Other adverse effects

No further relevant information available.

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#### 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

· 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.

· Transport in bulk according to Annex II of

Marpol and the IBC Code

Not applicable.

· Transport/Additional information:

Not dangerous according to the above specifications.

· 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.

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· **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)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Asp. Tox. 1: Aspiration hazard – Category 1

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

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