



BE SURE. BUILD SURE.

Page 1/11

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

Printing date 12.01.2022

Version number 9

Revision: 12.01.2022

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

#### 1.1 Product identifier

Trade name **MC-DUR rapid Primer F - Komponente B**

Article number: 2119

#### 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

Priming  
Hardening agent/ Curing agent

#### 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

Acute Tox. 4 H302 Harmful if swallowed.  
Skin Corr. 1B H314 Causes severe skin burns and eye damage.  
Eye Dam. 1 H318 Causes serious eye damage.  
Skin Sens. 1 H317 May cause an allergic skin reaction.  
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

#### 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



GHS05 GHS07

(Contd. on page 2)



BE SURE. BUILD SURE.

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

Printing date 12.01.2022

Version number 9

Revision: 12.01.2022

**Trade name MC-DUR rapid Primer F - Komponente B**

(Contd. of page 1)

- **Signal word** Danger
- **Hazard-determining components of labelling:**
  - 1,3-Cyclohexanedimethanamine
  - 3,6-diazaoctanethylenediamin
  - Benzyl alcohol
  - 2,4,6-Tris-(1-Phenyl-Ethyl) carboic acid
  - Amine polymer
- **Hazard statements**
  - H302 Harmful if swallowed.
  - H314 Causes severe skin burns and eye damage.
  - H317 May cause an allergic skin reaction.
  - H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
  - P260 Do not breathe dusts or mists.
  - P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
  - P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P310 Immediately call a POISON CENTER/doctor.
  - P321 Specific treatment (see on this label).
  - P362+P364 Take off contaminated clothing and wash it before reuse.
- **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: 2579-20-6 EINECS: 219-941-5 Reg.nr.: 01-2119543741-41-xxxx	1,3-Cyclohexanedimethanamine Skin Corr. 1B, H314; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317	25-50%
CAS: 61788-44-1 EINECS: 262-975-0	2,4,6-Tris-(1-Phenyl-Ethyl) carboic acid Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥10-<25%
EC number: 948-369-5	Amine polymer Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1B, H317	≥10-<25%
CAS: 112-24-3 EINECS: 203-950-6	3,6-diazaoctanethylenediamin Skin Corr. 1B, H314; Acute Tox. 4, H312; Skin Sens. 1, H317; Aquatic Chronic 3, H412	≥5-<25%

(Contd. on page 3)



BE SURE. BUILD SURE.

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

Printing date 12.01.2022

Version number 9

Revision: 12.01.2022

Trade name **MC-DUR rapid Primer F - Komponente B**

(Contd. of page 2)

CAS: 100-51-6

EINECS: 202-859-9

Reg.nr.: 01-2119492630-38

Benzyl alcohol

Acute Tox. 4, H302; Acute Tox. 4, H332

<25%

· **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**

Take affected persons into the open air.  
Instantly remove any clothing soiled by the product.  
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 and call for doctor for safety reasons.  
In case of unconsciousness bring patient into stable side position  
for transport.

· **After skin contact**

Instantly wash with water and soap and rinse thoroughly.

· **After eye contact**

Call a doctor immediately.  
Rinse opened eye for several minutes under running water. Then  
consult a doctor.

· **After swallowing**

Instantly call for doctor.  
Drink copious amounts of water and provide fresh air. 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.

#### 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**

Wear protective equipment. Keep unprotected persons away.

(Contd. on page 4)



BE SURE. BUILD SURE.

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

Printing date 12.01.2022

Version number 9

Revision: 12.01.2022

Trade name MC-DUR rapid Primer F - Komponente B

(Contd. of page 3)

- **6.2 Environmental precautions:** Inform respective authorities in case product reaches water or sewage system.
- **6.3 Methods and material for containment and cleaning up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralising agent.  
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**  
Store in cool, dry place in tightly closed containers.  
Open and handle container with care.
- **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:** Keep container tightly sealed.
- **7.3 Specific end use(s)** No further relevant information available.

#### 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:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· **DNELs**

**2579-20-6 1,3-Cyclohexanedimethanamine**

Inhalative DNEL 0.00947 mg/m<sup>3</sup> (Workers)

**100-51-6 Benzyl alcohol**

Oral DNEL 4 mg/kg bw/Tag (ArL)

(Contd. on page 5)



BE SURE. BUILD SURE.

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

Printing date 12.01.2022

Version number 9

Revision: 12.01.2022

**Trade name MC-DUR rapid Primer F - Komponente B**

(Contd. of page 4)

Dermal	DNEL	20 mg/kg bw/Tag (Ark)
		8 mg/kg bw/day (ArL)
		40 mg/kg bw/day (Ark)
Inhalative	DNEL	22 mg/m <sup>3</sup> (ArL)
		110 mg/m <sup>3</sup> (Ark)

**· PNECs**

**2579-20-6 1,3-Cyclohexanedimethanamine**

PNEC 0.003 mg/l (Mew)

PNEC 0.033 mg/l (Fresh water)

**100-51-6 Benzyl alcohol**

PNEC 0.527 mg/l (Marine water sediment)

0.1 mg/l (Mew)

1 mg/l (Fresh water sediment)

PNEC 0.456 mg/kg dwt (Bod)

5.27 mg/kg dwt (Fresh water sediment)

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

**· 8.2 Exposure controls**

**· Personal protective equipment**

**· General protective and hygienic measures**

Keep away from foodstuffs, beverages and food.  
Instantly remove any soiled and impregnated garments.  
Wash hands during breaks and at the end of the work.  
Do not inhale gases / fumes / aerosols.  
Avoid contact with the eyes and skin.

**· Protection of hands:**

Protective gloves.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

**· Material of gloves**

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.

**· 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:**

Protective work clothing.



BE SURE. BUILD SURE.

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

Printing date 12.01.2022

Version number 9

Revision: 12.01.2022

Trade name **MC-DUR rapid Primer F - Komponente B**

(Contd. of page 5)

### SECTION 9: Physical and chemical properties

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

##### · General Information

##### · Appearance:

· Form:	Fluid
· Colour:	Colourless
· Smell:	Characteristic

##### · Change in condition

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

· Flash point: 111 °C

· Ignition temperature: 435 °C

· Self-inflammability: Product is not selfigniting.

· Explosive properties: Product is not explosive.

##### · Critical values for explosion:

· Lower:	1.3 Vol %
· Upper:	13.0 Vol %

· Steam pressure at 20 °C: 0.1 hPa

· Density: Not determined

· Relative density at 20 °C: 1.03 g/cm<sup>3</sup>

##### · Solubility in / Miscibility with

Water: Not miscible or difficult to mix

##### · Viscosity:

dynamic at 20 °C: 360 mPas

· 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

(Contd. on page 7)



BE SURE. BUILD SURE.

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

Printing date 12.01.2022

Version number 9

Revision: 12.01.2022

**Trade name MC-DUR rapid Primer F - Komponente B**

(Contd. of page 6)

**SECTION 11: Toxicological information**

· **11.1 Information on toxicological effects**

· **Acute toxicity** Harmful if swallowed.

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

**2579-20-6 1,3-Cyclohexanedimethanamine**

Oral	LD50	700 mg/kg (rat)
Dermal	LD50	1700 mg/kg (rat)

**112-24-3 3,6-diazaoctanethylenediamin**

Oral	LD50	1716.2 mg/kg (rat)
Dermal	LD50	1720 mg/kg (rat)

**100-51-6 Benzyl alcohol**

Oral	LD50	1230 mg/kg (rat)
	NOAEL 2nd year study	200 mg/kg (mouse) 200 mg/kg (rat)
Dermal	LD50	2000 mg/kg (rabbit)
Inhalative	LC50/4 h	>4178 mg/l (rat)

· **Primary irritant effect:**

· **Skin corrosion/irritation** Causes severe skin burns and eye damage.

· **Serious eye damage/irritation** Causes serious eye damage.

· **Respiratory or skin**

**sensitisation** May cause an allergic skin reaction.

· **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:**

**2579-20-6 1,3-Cyclohexanedimethanamine**

EC50/24h	90 mg/l ( <i>Pseudokirchneriella subcapitata</i> )
EC50	90 mg/l ( <i>Pseudomonas putida</i> )
LC50/48h	130 mg/l ( <i>Leucidus idus</i> )

**100-51-6 Benzyl alcohol**

IC50/72h	700 mg/l (algae)
LC50/96h	460 mg/l ( <i>Pimephales promelas</i> )

(Contd. on page 8)





BE SURE. BUILD SURE.

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

Printing date 12.01.2022

Version number 9

Revision: 12.01.2022

**Trade name MC-DUR rapid Primer F - Komponente B**

(Contd. of page 7)

	10 mg/l ( <i>Lepomis macrochirus</i> )
· <b>12.2 Persistence and degradability</b>	No further relevant information available.
· <b>12.3 Bioaccumulative potential</b>	No further relevant information available.
· <b>12.4 Mobility in soil</b>	No further relevant information available.
· <b>Ecotoxicological effects:</b>	
· <b>Remark:</b>	Harmful to fish
· <b>Additional ecological information:</b>	
· <b>General notes:</b>	Harmful to aquatic organisms Must not reach sewage water or drainage ditch undiluted or unneutralised. Do not allow product to reach ground water, water bodies or sewage system. Danger to drinking water if even small quantities leak into soil.
· <b>12.5 Results of PBT and vPvB assessment</b>	
· <b>PBT:</b>	Not applicable.
· <b>vPvB:</b>	Not applicable.
· <b>12.6 Other adverse effects</b>	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.

· **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 01 00	wastes from MFSU and removal of paint and varnish
08 01 11	waste paint and varnish containing organic solvents or other dangerous substances

- **Uncleaned packagings:**
- **Recommendation:** Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.

#### SECTION 14: Transport information

- **14.1 UN-Number**
- **ADR, IMDG, IATA** UN2735
- **14.2 UN proper shipping name**
- **ADR, IMDG, IATA** AMINES, LIQUID, CORROSIVE, N.O.S. (1,3-Cyclohexanedimethanamine, TRIETHYLENETETRAMINE)

(Contd. on page 9)





BE SURE. BUILD SURE.

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

Printing date 12.01.2022

Version number 9

Revision: 12.01.2022

Trade name MC-DUR rapid Primer F - Komponente B

(Contd. of page 8)

· <b>14.3 Transport hazard class(es)</b>	
· <b>ADR</b>	
· <b>Class</b>	8 (C7) Corrosive substances.
· <b>Label</b>	8
· <b>IMDG, IATA</b>	
· <b>Class</b>	8 Corrosive substances.
· <b>Label</b>	8
· <b>14.4 Packing group</b>	
· <b>ADR, IMDG, IATA</b>	II
· <b>14.5 Environmental hazards:</b>	
· <b>Marine pollutant:</b>	No
· <b>14.6 Special precautions for user</b>	
· <b>Kemler Number:</b>	Warning: Corrosive substances. 80
· <b>EMS Number:</b>	F-A, S-B
· <b>Segregation groups</b>	Alkalis
· <b>Stowage Category</b>	A
· <b>Segregation Code</b>	SG35 Stow "separated from" SGG1-acids
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	
Not applicable.	
· <b>Transport/Additional information:</b>	
· <b>ADR</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <b>Transport category</b>	2
· <b>Tunnel restriction code</b>	E
· <b>Remarks:</b>	1 kg Gebinde: Begrenzte Mengen
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· <b>UN "Model Regulation":</b>	
UN 2735 AMINES, LIQUID, CORROSIVE, N.O.S. (1, 3-CYCLOHEXANEDIMETHANAMINE, TRIETHYLENETETRAMINE), 8, II	

#### SECTION 15: Regulatory information

(Contd. on page 10)

IE



BE SURE. BUILD SURE.

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

Printing date 12.01.2022

Version number 9

Revision: 12.01.2022

**Trade name MC-DUR rapid Primer F - Komponente B**

(Contd. of page 9)

· **15.1 Safety, health and environmental regulations/ legislation specific for the substance or mixture**

No further relevant information available.

· **Directive 2012/18/EU**  
· **REGULATION (EC) No 1907/2006 ANNEX XVII**

Conditions of restriction: 3

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

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.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H411 Toxic to aquatic life with long lasting effects.
- H412 Harmful to aquatic life with long lasting effects.

· **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)
- 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)

(Contd. on page 11)



BE SURE. BUILD SURE.

Page 11/11

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

Printing date 12.01.2022

Version number 9

Revision: 12.01.2022

**Trade name MC-DUR rapid Primer F - Komponente B**

(Contd. of page 10)

*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*

*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*

*Skin Sens. 1: Skin sensitisation – Category 1*

*Skin Sens. 1B: Skin sensitisation – Category 1B*

*Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2*

*Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*

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

IE