

Page 1/12

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

Printing date 13.05.2023 Version number 23 (replaces version 22) Revision: 13.05.2023

## 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

2119 · Article number:

· 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

MC-Bauchemie Müller GmbH & Co. KG Manufacturer/Supplier:

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:

1.4 Emergency telephone

number:

Tel.: +49 / (0)700 24112112 (MCR)

Tel.: +48612864565

msds@mc-bauchemie.de

### **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.

Aguatic Chronic 3 H412 Harmful to aguatic 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



Page 2/12

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

Printing date 13.05.2023 Version number 23 (replaces version 22) Revision: 13.05.2023

#### 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

2,4,6-Tris-(1-Phenyl-Ethyl) carbolic 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

showerl.

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.

Determination of endocrine-disrupting properties

61788-44-1 2,4,6-Tris-(1-Phenyl-Ethyl) carbolic acid

List II

### SECTION 3: Composition/information on ingredients

· 3.2 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; Aquatic Chronic 3, H412	30-60%
CAS: 61788-44-1 EINECS: 262-975-0	2,4,6-Tris-(1-Phenyl-Ethyl) carbolic acid Aquatic Chronic 2, H411; Skin Irrit. 2, H315; Skin Sens. 1, H317	≥10-<25%
	(Co	intd on nago 3)

(Contd. on page 3)



Page 3/12

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

Printing date 13.05.2023 Version number 23 (replaces version 22) Revision: 13.05.2023

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

EC number: 948-369-5	Amine polymer	ontd. of page 2 10-30%
	Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1B, H317	
CAS: 112-24-3	3,6-diazaoctanethylenediamin	≥10-<25%
EINECS: 203-950-6	Skin Corr. 1B, H314; Acute Tox. 4, H302; Acute Tox. 4, H312; Skin Sens. 1, H317; Aquatic Chronic 3, H412	
CAS: 100-51-6	Benzyl alcohol	10-30%
	Acute Tox. 4, H302; Acute Tox. 4, H332; Eye Irrit. 2, H319	
Additional information	Iditional 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.

(Contd. on page 4)



Page 4/12

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

Printing date 13.05.2023 Version number 23 (replaces version 22) Revision: 13.05.2023

Trade name MC-DUR rapid Primer F - Komponente B

(Contd. of page 3)

· 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

6.2 Environmental

precautions:

Wear protective equipment. Keep unprotected persons away.

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

Store in cool, dry place in tightly closed containers. handling

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

No special requirements. storerooms and containers:

Information about storage in

one common storage facility: Not required.

· Further information about

Keep container tightly sealed. storage conditions:

Storage class

· 7.3 Specific end use(s) No further relevant information available.

(Contd. on page 5)



Page 5/12

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

Printing date 13.05.2023 Version number 23 (replaces version 22) Revision: 13.05.2023

Trade name MC-DUR rapid Primer F - Komponente B

(Contd. of page 4)

### SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· 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.

2579-20-6	1,3-Cv	rclohexanedimethanamine
		0.00947 mg/m³ (Workers)
100-51-6 I	Benzyl	alcohol
Oral	DNEL	4 mg/kg bw/Tag (ArL)
		20 mg/kg bw/Tag (Ark)
Dermal	DNEL	8 mg/kg bw/day (ArL)
		40 mg/kg bw/day (Ark)
Inhalative	DNEL	22 mg/m³ (ArL)
		110 mg/m³ (Ark)

#### 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

Appropriate engineering

controls No further data: see section 7.

· Individual protection measures, such as personal protective equipment

· General protective and

· Material of gloves

Keep away from foodstuffs, beverages and food. hygienic measures

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.

Protective gloves. · Hand protection

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. The selection of the suitable gloves does not only depend on the

material, but also on further marks of quality and varies from

(Contd. on page 6)



Page 6/12

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

Printing date 13.05.2023 Version number 23 (replaces version 22) Revision: 13.05.2023

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

(Contd. of page 5)

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/face protection Safety glasses

Tightly sealed safety glasses.

· Body protection: Protective work clothing.

## SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

Colour: Colourless
 Smell: Characteristic
 Melting point/freezing point: Not determined

Boiling point or initial boiling point and

boiling range Not determined

Lower and upper explosion limit

Lower: 1.3 Vol %
 Upper: 13 Vol %
 Flash point: 111 °C
 Auto-ignition temperature: 435 °C

• **pH** Not determined.

· Viscosity:

· Kinematic viscosity
· dynamic at 20 °C:

Not determined.
360 mPas

Solubility

• Water: Not miscible or difficult to mix

· Steam pressure at 20 °C: 0.1 hPa

· Density and/or relative density

Density at 20 °C 1.03 g/cm³ Relative density at 20 °C 1.03 g/cm³

· 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 VoidFlammable gases VoidAerosols Void

(Contd. on page 7)



Page 7/12

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

Printing date 13.05.2023 Version number 23 (replaces version 22) Revision: 13.05.2023

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

(Contd. of page 6)

Oxidising gases
 Gases under pressure
 Flammable liquids
 Flammable solids
 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
 Oxidising solids
 Organic peroxides
 Corrosive to metals
 Desensitised explosives

## **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
 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 Harmful if swallowed.

· LD/LC50	· LD/LC50 values that are relevant for classification:		
2579-20-0	2579-20-6 1,3-Cyclohexanedimethanamine		
Oral	LD50	700 mg/kg (rat)	
Dermal	LD50	1700 mg/kg (rat)	
112-24-3	112-24-3 3,6-diazaoctanethylenediamin		
Oral	LD50	1716.2 mg/kg (rat)	
Dermal	LD50	1720 mg/kg (rat)	
	(Contd. on node		

(Contd. on page 8)



Page 8/12

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

Printing date 13.05.2023 Version number 23 (replaces version 22) Revision: 13.05.2023

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

(Contd. of page 7)

100-51-6 Benzyl alcohol		
Oral	LD50	1230 mg/kg (rat)
	NOAEL 2nd year study	200 mg/kg (mouse)
		200 mg/kg (rat)
Derma	al LD50	2000 mg/kg (rabbit)
Inhala	tive LC50/4 h	>4178 mg/l (rat)

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.

Germ cell mutagenicity
 Carcinogenicity
 Reproductive toxicity
 STOT-single exposure
 STOT-repeated exposure
 Aspiration hazard
 Based on available data, the classification criteria are not met.
 Based on available data, the classification criteria are not met.
 Based on available data, the classification criteria are not met.
 Based on available data, the classification criteria are not met.
 Based on available data, the classification criteria are not met.
 Based on available data, the classification criteria are not met.

· 11.2 Information on other hazards

· Endocrine disrupting properties

61788-44-1 2,4,6-Tris-(1-Phenyl-Ethyl) carbolic acid

List II

### **SECTION 12: Ecological information**

· 12.1 Toxicity

· Aquatic to	· Aquatic toxicity:		
2579-20-6	1,3-Cyclohexanedimethanamine		
EC50/24h	90 mg/l (Pseudokirchneriella subcapitata)		
EC50	90 mg/l (Pseudomonas putida)		
LC50/48h	130 mg/l (Leucidus idus)		
100-51-6 E	Benzyl alcohol		
IC50/72h	700 mg/l (algae)		
LC50/96h	460 mg/l (Pimephales promelas)		
	10 mg/l (Lepomis macrochirus)		

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:
• vPvB:
Not applicable.
Not applicable.

· 12.6 Endocrine disrupting

**properties** For information on endocrine disrupting properties see section 11.

(Contd. on page 9)



Page 9/12

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

Printing date 13.05.2023 Version number 23 (replaces version 22) Revision: 13.05.2023

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

(Contd. of page 8)

· 12.7 Other adverse effects

· Remark: Harmful to fish

· Additional ecological information:

· General notes: 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.

### **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.

	amen predict to reason do nago eyetem.		
· European	· 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 hazardous substances		
HP6	Acute Toxicity		
HP8	Corrosive		
HP13	Sensitising		
HP14	Ecotoxic		

· Uncleaned packagings:

• Recommendation: Empty contaminated packagings thoroughly. They can be recycled

after thorough and proper cleaning.

14.1 UN number or ID number	
ADR, IMDG, IATA	UN2735
14.2 UN proper shipping name	
ADR, IMDG, IATA	AMINES, LIQUID, CORROSIVE, N.O.S. (1
	Cyclohexanedimethanamin
	TRIETHYLENETETRAMINE)
14.3 Transport hazard class(es)	
ADR	
Class	8 (C7) Corrosive substances.
Label	8

(Contd. on page 10)



Page 10/12

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

Printing date 13.05.2023 Version number 23 (replaces version 22) Revision: 13.05.2023

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

(Contd. of page 9)

IMDG, IATA	0.00
Class	8 Corrosive substances.
Label	8
14.4 Packing group	
ADR, IMDG, IATA	II .
14.5 Environmental hazards:	
Marine pollutant:	No
14.6 Special precautions for user	Warning: Corrosive substances.
Kemler Number:	80
EMS Number:	F-A,S-B
Segregation groups	(SGG18) Alkalis
Stowage Category	Ä
Segregation Code	SG35 Stow "separated from" SGG1-acids
14.7 Maritime transport in bulk accordi	ina to
IMO instruments	Not applicable.
Transport/Additional information:	
ADR	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 r.
Transport category	2
Tunnel restriction code	E
Remarks:	1 kg Gebinde: Begrenzte Mengen
IMDG	
Limited quantities (LQ)	1L
Excepted quantities (EQ)	Code: E2
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 r
UN "Model Regulation":	UN 2735 AMINES, LIQUID, CORROSIVE, N.O.
or mousi roganation i	(1,3-CYCLOHEXANEDIMETHANAMIN
	TRIETHYLENETETRAMINE), 8, II

## SECTION 15: Regulatory information

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

REGULATION (EC) No 1907/2006 ANNEX XVII No further relevant information available.

Conditions of restriction: 3

(Contd. on page 11)



Page 11/12

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

Printing date 13.05.2023 Version number 23 (replaces version 22) Revision: 13.05.2023

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

(Contd. of page 10)

· 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. H319 Causes serious eye irritation.

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.

· Date of previous version: 17.10.2021

· Version number of previous

version:

· 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

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances (Contd. on page 12)



Page 12/12

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

Printing date 13.05.2023

Version number 23 (replaces version 22)

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

(Contd. of page 11)

Revision: 13.05.2023

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

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

·IE

<sup>\*</sup> Data compared to the previous version altered.