



BE SURE. BUILD SURE.

Page 1/9

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

Printing date 08.12.2023

Version number 18 (replaces version 17)

Revision: 08.12.2023

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

#### 1.1 Product identifier

Trade name **MC-DUR TopSpeed T - Komponente A**

#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Sector of Use SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers

Process category PROC10 Roller application or brushing

#### Environmental release category

ERC8f Widespread use leading to inclusion into/onto article (outdoor)

ERC11a Widespread use of articles with low release (indoor)

Article category AC13 Plastic articles

#### Application of the substance / the mixture

Polyurethane lacquer

#### 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

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 GB CLP regulation.

##### Hazard pictograms



GHS07

(Contd. on page 2)

GB



BE SURE. BUILD SURE.

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

Printing date 08.12.2023

Version number 18 (replaces version 17)

Revision: 08.12.2023

**Trade name MC-DUR TopSpeed T - Komponente A**

(Contd. of page 1)

- **Signal word** Warning
- **Hazard-determining components of labelling:** tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate
- **Hazard statements** H317 May cause an allergic skin reaction.  
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements** P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P273 Avoid release to the environment.  
P280 Wear protective gloves.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P321 Specific treatment (see on this label).  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **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: 136210-30-5 ELINCS: 429-270-1 Reg.nr.: 01-0000017556-64-xxxx	tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate Skin Sens. 1, H317; Aquatic Chronic 3, H412	80-100%
CAS: 64742-95-6	Solvent naphtha (petroleum), light arom. Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411; STOT SE 3, H335-H336, EUH066	≥0.25-<1.5%

**SECTION 4: First aid measures**

- **4.1 Description of first aid measures**
- **General information** No special measures required.
- **After inhalation** Void
- **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.

(Contd. on page 3)



BE SURE. BUILD SURE.

Page 3/9

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

Printing date 08.12.2023

Version number 18 (replaces version 17)

Revision: 08.12.2023

Trade name **MC-DUR TopSpeed T - Komponente A**

(Contd. of page 2)

- **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** *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** *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:** *None.*
- **Storage class** *10*
- **7.3 Specific end use(s)** *No further relevant information available.*

GB

(Contd. on page 4)



BE SURE. BUILD SURE.

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

Printing date 08.12.2023

Version number 18 (replaces version 17)

Revision: 08.12.2023

Trade name MC-DUR TopSpeed T - Komponente A

(Contd. of page 3)

#### 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.

##### · DNELs

**CAS: 136210-30-5 tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate**

Dermal DNEL 4 mg/kg bw/day (ArL)

Inhalative DNEL 28 mg/m<sup>3</sup> (ArL)

112 mg/m<sup>3</sup> (Ark)

##### · PNECs

**CAS: 136210-30-5 tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate**

PNEC 31.1 mg/l (Kla)

0.000013 mg/l (Mew)

0.00013 mg/l (Freshwater)

PNEC 0.1 mg/kg dwt (Bod)

0.02 mg/kg dwt (Marine water sediment)

0.21 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 hygienic measures**

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

- **Hand protection**

Protective gloves.

- **Material of gloves**

Nitrile rubber, NBR

- **Penetration time of glove material**

The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.

- **Eye/face protection**

Safety glasses

- **Body protection:**

Tightly sealed safety glasses.

Protective work clothing.

#### SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

- **General Information**

- **Colour:**

According to product specification

- **Smell:**

Characteristic

(Contd. on page 5)



BE SURE. BUILD SURE.

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

Printing date 08.12.2023

Version number 18 (replaces version 17)

Revision: 08.12.2023

Trade name MC-DUR TopSpeed T - Komponente A

(Contd. of page 4)

· <b>Melting point/freezing point:</b>	Not determined
· <b>Boiling point or initial boiling point and boiling range</b>	Not determined
· <b>Flash point:</b>	>75 °C
· <b>pH</b>	Not determined.
· <b>Viscosity:</b>	
· <b>Kinematic viscosity</b>	Not determined.
· <b>dynamic:</b>	Not determined.
· <b>Solubility</b>	
· <b>Water:</b>	Not miscible or difficult to mix
· <b>Steam pressure:</b>	Not determined.
· <b>Density and/or relative density</b>	
· <b>Density at 20 °C</b>	1.12 g/cm <sup>3</sup>

· **9.2 Other information**

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

· **Information with regard to physical hazard classes**

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

**SECTION 10: Stability and reactivity**

· <b>10.1 Reactivity</b>	No further relevant information available.
--------------------------	--

(Contd. on page 6)



BE SURE. BUILD SURE.

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

Printing date 08.12.2023

Version number 18 (replaces version 17)

Revision: 08.12.2023

**Trade name MC-DUR TopSpeed T - Komponente A**

(Contd. of page 5)

- **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:**

**CAS: 136210-30-5 tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate**

Oral LD50 >2000 mg/kg (rat) (67/548/EWG, Annex V, B.1)

Dermal LD50 >2000 mg/kg (rat) (67/548/EWG, Annex V, B.3)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **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**

CAS: 128-37-0 2,6-Di-tert-butyl-p-cresol

List II

**SECTION 12: Ecological information**

- **12.1 Toxicity**

- **Aquatic toxicity:**

**CAS: 136210-30-5 tetraethyl-N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate**

LC50/96h 66 mg/l (Danio rerio) (OECD 203)

EC50 3110 mg/l (BEL)

EC50/48h 88.6 mg/l (Daphnia magna)

NOEC 0.01 mg/l (Daphnia magna)

ErC50/72h 113 mg/l (Scenedesmus subspicatus)

- **12.2 Persistence and degradability**

No further relevant information available.

(Contd. on page 7)



BE SURE. BUILD SURE.

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

Printing date 08.12.2023

Version number 18 (replaces version 17)

Revision: 08.12.2023

Trade name MC-DUR TopSpeed T - Komponente A

(Contd. of page 6)

- **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** *For information on endocrine disrupting properties see section 11.*
- **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:** *Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning.*

#### SECTION 14: Transport information

- |   |                        |
|---|------------------------|
| · <b>14.1 UN number or ID number</b><br>· <b>ADR, ADN, IMDG, IATA</b>                       | <i>Void</i>            |
| · <b>14.2 UN proper shipping name</b><br>· <b>ADR, ADN, IMDG, IATA</b>                      | <i>Void</i>            |
| · <b>14.3 Transport hazard class(es)</b><br>· <b>ADR, ADN, IMDG, IATA</b><br>· <b>Class</b> | <i>Void</i>            |
| · <b>14.4 Packing group</b><br>· <b>ADR, IMDG, IATA</b>                                     | <i>Void</i>            |
| · <b>14.5 Environmental hazards:</b><br>· <b>Marine pollutant:</b>                          | <i>No</i>              |
| · <b>14.6 Special precautions for user</b>  | <i>Not applicable.</i> |
| · <b>14.7 Maritime transport in bulk according to IMO instruments</b>                       | <i>Not applicable.</i> |
| · <b>UN "Model Regulation":</b>   | <i>Void</i>            |

GB

(Contd. on page 8)



BE SURE. BUILD SURE.

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

Printing date 08.12.2023

Version number 18 (replaces version 17)

Revision: 08.12.2023

Trade name MC-DUR TopSpeed T - Komponente A

(Contd. of page 7)

#### SECTION 15: Regulatory information

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

No further relevant information available.

- **Regulated explosives precursors**

None of the ingredients is listed.

- **Regulated poisons**

None of the ingredients is listed.

- **Reportable explosives precursors**

None of the ingredients is listed.

- **Reportable poisons**

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**

H226 Flammable liquid and vapour.  
 H304 May be fatal if swallowed and enters airways.  
 H317 May cause an allergic skin reaction.  
 H335 May cause respiratory irritation.  
 H336 May cause drowsiness or dizziness.  
 H411 Toxic to aquatic life with long lasting effects.  
 H412 Harmful to aquatic life with long lasting effects.  
 EUH066 Repeated exposure may cause skin dryness or cracking.

- **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)  
 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

(Contd. on page 9)





BE SURE. BUILD SURE.

Page 9/9

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

Printing date 08.12.2023

Version number 18 (replaces version 17)

Revision: 08.12.2023

**Trade name MC-DUR TopSpeed T - Komponente A**

(Contd. of page 8)

*LD50: Lethal dose, 50 percent*

*PBT: Persistent, Bioaccumulative and Toxic*

*vPvB: very Persistent and very Bioaccumulative*

*Flam. Liq. 3: Flammable liquids – Category 3*

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

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

*Asp. Tox. 1: Aspiration hazard – Category 1*

*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.**

GB