



BE SURE. BUILD SURE.

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

Printing date 25.02.2024

Version number 33 (replaces version 32)

Revision: 25.02.2024

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

1.1 Product identifier

Trade name **MC-DUR 2095 M - Komponente A**

Article number: 1776

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

Coating compound/ Surface coating/ paint

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.: +1 872 5888271 (MCR)

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.

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-determining

components of labelling:

2-methyl-2H-isothiazol-3-one

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- **Hazard statements**
 - **Precautionary statements**
 - **Additional information:**
 - **2.3 Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:**
 - **vPvB:**
- 1,2-benzisothiazol-3(2H)-one
 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)
 formaldehyde
 H317 May cause an allergic skin reaction.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves.
 P362+P364 Take off contaminated clothing and wash it before reuse.
 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.
 Contains biocidal products: 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one, reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)
 Not applicable.
 Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture consisting of the following components.

· **Dangerous components:**

CAS: 7664-41-7 EINECS: 231-635-3	Ammonia, anhydrous Acute Tox. 3, H331; Skin Corr. 1B, H314; Aquatic Acute 1, H400; Aquatic Chronic 2, H411; Acute Tox. 4, H302; Flam. Gas 2, H221; Press. Gas (Comp.), H280	<0.25%
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CAS: 2634-33-5	1,2-benzisothiazol-3(2H)-one Acute Tox. 2, H330; Eye Dam. 1, H318; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1, H317 Specific concentration limit: Skin Sens. 1; H317: C \geq 0.05 %	\geq 0.025-<0.05%
CAS: 50-00-0 EINECS: 200-001-8	formaldehyde Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; Muta. 2, H341; Carc. 1B, H350; Skin Corr. 1B, H314; Skin Sens. 1, H317 Specific concentration limits: Skin Corr. 1B; H314: C \geq 25 % Skin Irrit. 2; H315: 5 % \leq C < 25 % Eye Irrit. 2; H319: 5 % \leq C < 25 % Skin Sens. 1; H317: C \geq 0.2 % STOT SE 3; H335: C \geq 5 %	<0.1%
CAS: 2682-20-4 EINECS: 220-239-6	2-methyl-2H-isothiazol-3-one Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 2, H330; Skin Corr. 1B, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Skin Sens. 1A, H317, EUH071 Specific concentration limit: Skin Sens. 1A; H317: C \geq 0.0015 %	\geq 0.0015-<0.025%
CAS: 55965-84-9	reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) Acute Tox. 3, H301; Acute Tox. 2, H310; Acute Tox. 2, H330; Skin Corr. 1C, H314; Eye Dam. 1, H318; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sens. 1A, H317, EUH071 Specific concentration limits: Skin Corr. 1C; H314: C \geq 0.6 % Skin Irrit. 2; H315: 0.06 % \leq C < 0.6 % Eye Dam. 1; H318: C \geq 0.6 % Eye Irrit. 2; H319: 0.06 % \leq C < 0.6 % Skin Sens. 1A; H317: C \geq 0.0015 %	\geq 0.00025-<0.0015%

· **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** No special measures required.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** The product is not skin irritating.
- **After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** Rinse out mouth and then drink plenty of water.

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In case of persistent symptoms consult doctor.

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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.
- **Storage class** 10

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Components with critical values that require monitoring at the workplace:

CAS: 7664-41-7 Ammonia, anhydrous

WEL Short-term value: 25 mg/m³, 35 ppm
Long-term value: 18 mg/m³, 25 ppm

CAS: 50-00-0 formaldehyde

WEL Short-term value: 2.5 mg/m³, 2 ppm
Long-term value: 2.5 mg/m³, 2 ppm
Carc

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

Instantly remove any soiled and impregnated garments.
Wash hands during breaks and at the end of the work.

Breathing equipment:

Not required.

Hand protection

Not required.

Material of gloves

Butyl rubber, BR
Nitrile rubber, NBR

Penetration time of glove material

-

Eye/face protection

Not required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Physical state

Fluid

Colour:

Colourless

Smell:

Characteristic

Melting point/freezing point:

Not determined

Boiling point or initial boiling point and boiling range

100 °C (CAS: 7732-18-5 water, distilled, conductivity or of similar purity)

Flash point:

200 °C

pH at 20 °C

8

Viscosity:

Kinematic viscosity

Not determined.

dynamic at 20 °C:

800 mPas

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<ul style="list-style-type: none"> · Solubility · Water: Fully miscible · Steam pressure at 20 °C: 23 hPa (CAS: 7732-18-5 water, distilled, conductivity or of similar purity) · Density and/or relative density · Density at 20 °C 1.06 g/cm³
<ul style="list-style-type: none"> · 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.
<ul style="list-style-type: none"> · 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 · Desensitised explosives Void

SECTION 10: Stability and reactivity

<ul style="list-style-type: none"> · 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.
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- **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: 7664-41-7 Ammonia, anhydrous

Oral	LD50	350 mg/kg (rat)
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Inhalative	LC50/4 h	2000 mg/l (rat)
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CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one

Oral	LD50	1020 mg/kg (rat)
------	------	------------------

Dermal	LD50	>2000 mg/kg (rat)
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CAS: 50-00-0 formaldehyde

Oral	LD50	>200 mg/kg (rat)
------	------	------------------

Dermal	LD50	300 mg/kg (rat)
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CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one

Oral	LD50	50-300 mg/kg (rat)
------	------	--------------------

Inhalative	LC50/4 h	0.11 mg/l (rat)
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CAS: 55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

Oral	LD50	49.6-75 mg/kg (rat)
------	------	---------------------

Dermal	LD50	87.12 mg/kg (rabbit)
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Inhalative	LC50/4 h	0.171 mg/l (rat)
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- **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**

None of the ingredients is listed.

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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

CAS: 2634-33-5 1,2-benzisothiazol-3(2H)-one

EC50/72h	0.067 mg/l (<i>Pseudokirchneriella subcapitata</i>)
	0.11 mg/l (<i>Selenastrum capricornutum</i>)
LC50/96h	1.6 mg/l (<i>Oncorhynchus mykiss</i>)
EC50/48h	1.1 mg/l (<i>Daphnia magna</i>)

CAS: 2682-20-4 2-methyl-2H-isothiazol-3-one

EC50/72h	0.157 mg/l (<i>Pseudokirchneriella subcapitata</i>)
LC50/96h	6 mg/l (<i>Oncorhynchus mykiss</i>)
EC50/48h	1.68 mg/l (<i>Daphnies</i>)

CAS: 55965-84-9 reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LC50/24h	0.19 mg/l (fish)
EC50/72h	0.027 mg/l (<i>Pseudokirchneriella subcapitata</i>)
LC50/96h	0.19 mg/l (<i>Oncorhynchus mykiss</i>)
LC50/48h	0.28 mg/l (fish)
EC50/48h	0.16 mg/l (<i>Daphnia magna</i>)
NOEC	0.02 mg/l (<i>Oncorhynchus mykiss</i>)
	0.00049 mg/l (<i>Ske</i>)
	0.1 mg/l (<i>Daphnia magna</i>)

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.

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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

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.

Poisons Act

Regulated explosives precursors

None of the ingredients is listed.

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· Regulated poisons

None of the ingredients is listed.

· Reportable explosives precursors

None of the ingredients is listed.

· Reportable poisons

CAS: 7664-41-7 Ammonia, anhydrous

Listed

CAS: 50-00-0 formaldehyde

5%

· 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

- H221 Flammable gas.
- H280 Contains gas under pressure; may explode if heated.
- H301 Toxic if swallowed.
- H302 Harmful if swallowed.
- H310 Fatal in contact with skin.
- H311 Toxic 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.
- H330 Fatal if inhaled.
- H331 Toxic if inhaled.
- H335 May cause respiratory irritation.
- H341 Suspected of causing genetic defects.
- H350 May cause cancer.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.
- EUH071 Corrosive to the respiratory tract.

· 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

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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

Flam. Gas 2: Flammable gases – Category 2

Press. Gas (Comp.): Gases under pressure – Compressed gas

Acute Tox. 4: Acute toxicity – Category 4

Acute Tox. 2: Acute toxicity – Category 2

Acute Tox. 3: Acute toxicity – Category 3

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Skin Corr. 1C: Skin corrosion/irritation – Category 1C

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. 1A: Skin sensitisation – Category 1A

Muta. 2: Germ cell mutagenicity – Category 2

Carc. 1B: Carcinogenicity – Category 1B

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

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

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

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