

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## F 50 (VZ)

Print date: 18.03.2020

Product code: 03.100.100

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

#### 1.1. Product identifier

F 50 (VZ)

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

##### Use of the substance/mixture

Building and construction preparations not covered elsewhere.

#### 1.3. Details of the supplier of the safety data sheet

Company name:	MTC GmbH	
Street:	Adolf - Oesterheld - Straße 1	
Place:	D-97337 Dettelbach	
Post-office box:	80	
	D-97337 Dettelbach	
Telephone:	+49(0)932491910	Telefax: +49(0)9324919155
e-mail:	info@mtc-chemie.com	
Internet:	www.mtc-chemie.com	

#### 1.4. Emergency telephone number:

+49(0)932491910

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

This mixture is not classified as hazardous in accordance with Directive 1999/45/EC.

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Hazard categories:

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Causes serious eye irritation.

#### 2.2. Label elements

Signal word: Warning

Pictograms: GHS07



##### Hazard statements

H319 Causes serious eye irritation.

##### Precautionary statements

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

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### Special labelling of certain mixtures

EUH208

Contains 2-METHYL-2H-ISOTHIAZOL-3-ON (> 15 ppm);  
1,2-BENZISOTHIAZOL-2(2H)-ON;. May produce an allergic reaction.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
230-785-7	Potassium Diphosphate	15 - < 20 %
7320-34-5		
	Eye Irrit. 2; H319	
01-2119489369-18		
220-120-9	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one	< 0.1 %
2634-33-5	Xn - Harmful, Xi - Irritant, N - Dangerous for the environment R22-38-41-43-50	
613-088-00-6	Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1; H302 H315 H318 H317 H400	

Full text of R, H and EUH phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated, saturated clothing immediately.

#### After inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

#### After contact with skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
Medical treatment necessary.

#### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

#### After ingestion

Rinse mouth immediately and drink plenty of water.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

### 5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing. Full protective suit.

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**Additional information**

Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

**6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation should be used if possible.

**Advice on protection against fire and explosion**

Usual measures for fire prevention.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed.

**Hints on joint storage**

Information about storage in one common storage facility:  
Materials to avoid: Base.

**Further information on storage conditions**

Storage class:

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Additional advice on limit values**

To date, no national critical limit values exist.

**8.2. Exposure controls****Protective and hygiene measures**

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

**Respiratory protection**

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

**Hand protection**

Tested protective gloves are to be worn:  
Suitable material: NBR (Nitrile rubber).

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**Eye protection**

Suitable eye protection:  
Tightly sealed safety glasses. Eye-shade.

**Skin protection**

Suitable protective clothing:  
Overall. Boots.

**Environmental exposure controls**

Organisational measures to prevent exposure  
Observe the expiry date.

Technical measures to prevent exposure  
refer to chapter 7. No further action is necessary.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	brown
Odour:	characteristic

**Test method**

pH-Value (at 20 °C):	9 ± 1
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**Changes in the physical state**

Melting point:	0 °C
Initial boiling point and boiling range:	100 °C
Softening point:	No data available
Flash point:	No data available

**Flammability**

Solid:	No data available
Gas:	No data available

Lower explosion limits:	No data available
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Upper explosion limits:	No data available
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Ignition temperature:	No data available
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Density (at 20 °C):	1,10 ± 0,03 g/cm <sup>3</sup>	ISO 758
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Water solubility: (at 20 °C)	completely miscible
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Partition coefficient:	No data available
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Flow time: (at 23 °C)	10 -14	4 DIN 53211
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**SECTION 10: Stability and reactivity****10.1. Reactivity**

No hazardous reactions when handling and storage.

**10.2. Chemical stability**

No decomposition if stored and handled correctly.

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### 10.4. Conditions to avoid

Materials to avoid:  
Alkalis (alkalis), concentrated.

### 10.6. Hazardous decomposition products

No known dangerous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Toxicokinetics, metabolism and distribution

No information available.

#### Acute toxicity

Acute toxicity, oral LD50: 4100 mg/kg species: Rat  
Acute toxicity, dermal LD50: > 2000 mg/kg species: Rat.

CAS No	Chemical name				
	Exposure route	Method	Dose	Species	Source
2634-33-5	1,2-benzisothiazol-3(2H)-one; 1,2-benzisothiazolin-3-one				
	oral	ATE	500 mg/kg		

#### Specific effects in experiment on an animal

No information available.

#### Irritation and corrosivity

Irritant effect on the skin: Not an irritant.  
Irritant effect on the eye: Irritant.

#### Sensitising effects

no danger of sensitization.

#### Severe effects after repeated or prolonged exposure

No information available.

#### Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

#### Further information

Data arise from reference works and literature.

## SECTION 12: Ecological information

### 12.1. Toxicity

Aquatic toxicity  
EC50: 7,2 mg/l  
Exposure time: 48 h  
species: Daphnia magna

### 12.2. Persistence and degradability

100 %  
Easily biodegradable (concerning to the criteria of the OECD)

### 12.3. Bioaccumulative potential

No information available.

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### 12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

#### Further information

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

Data arise from reference works and literature.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Dispose of waste according to applicable legislation.

#### Contaminated packaging

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### Land transport (ADR/RID)

#### Other applicable information (land transport)

No dangerous good in sense of these transport regulations.

#### Other applicable information

No dangerous good in sense of these transport regulations.

## SECTION 15: Regulatory information

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

#### National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

## SECTION 16: Other information

### Changes

\* Data changed compared with the previous version

#### Relevant R phrases (number and full text)

22	Harmful if swallowed.
38	Irritating to skin.
41	Risk of serious damage to eyes.
43	May cause sensitisation by skin contact.
50	Very toxic to aquatic organisms.

#### Relevant H and EUH statements (number and full text)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
EUH208	Contains 2-METHYL-2H-ISOTHIAZOL-3-ON (> 15 ppm); 1,2-BENZISOTHIAZOL-2(2H)-ON;. May produce an allergic reaction.

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**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*