

## Safety Data Sheet

according to Regulation (EC) No 1907/2006



### SK - I (FM)

Print date: 18.03.2020

Product code: 02.100.100

Page 1 of 8

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

### 1.1. Product identifier

SK - I (FM)

### 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.

### 2.2. Label elements

#### S phrases

20	When using do not eat or drink.
37/39	Wear suitable gloves and eye/face protection.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

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#### 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		
	Naphtalinpolykondensat	20 - < 30 %

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

## SECTION 4: First aid measures

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**SK - I (FM)**

Print date: 18.03.2020

Product code: 02.100.100

Page 2 of 8

**4.1. Description of first aid measures****General information**

In all cases of doubt, or when symptoms persist, seek medical advice.  
Never give anything by mouth to an unconscious person or a person with cramps.  
If unconscious place in recovery position and seek medical advice.

**After inhalation**

Provide fresh air. Remove casualty to fresh air and keep warm and at rest.  
In case of irregular breathing or respiratory arrest provide artificial respiration.

**After contact with skin**

Wash with plenty of water. Change contaminated clothing.  
Wash with plenty of water/?.  
Do not wash with: Solvent/Thinner.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical advice immediately.

**After ingestion**

Rinse mouth immediately and drink plenty of water. If swallowed, rinse mouth with water (only if the person is conscious).  
Call a physician immediately.  
Put victim at rest, cover with a blanket and keep warm.  
Do NOT induce vomiting.  
Caution if victim vomits: Risk of aspiration!

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings. alcohol resistant foam. Carbon dioxide.  
Powder. Water fog.

**Extinguishing media which must not be used for safety reasons**

High power water jet.

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

The product itself does not burn. Burning produces heavy smoke.  
Danger of serious damage to health by prolonged exposure.  
Use appropriate respiratory protection.

**5.3. Advice for firefighters**

In case of fire: Wear self-contained breathing apparatus. Use water spray jet to protect personnel and to cool endangered containers.  
Do not allow water used to extinguish fire to enter drains or waterways.

**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. Avoid breathing dust/fume/gas/mist/vapours/spray.

# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**SK - I (FM)**

Print date: 18.03.2020

Product code: 02.100.100

Page 3 of 8

See protective measures under point 7 and 8.

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Do not allow to enter into surface water or drains.  
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

**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. Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Collect in closed containers for disposal.  
Clean with detergents. Avoid solvent cleaners.

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

Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapours/spray. When using do not eat, drink or smoke. Wear personal protection equipment.

Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains.

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

Keep container tightly closed.

**Hints on joint storage**

Do not store together with: Oxidizing agents. Strong acid, strong alkalis

**Further information on storage conditions**

storage temperature: +5 - +30 °C

Keep container tightly closed and in a well-ventilated place. Keep container dry.

When using do not smoke.

Access is only to be granted to authorised personal.

Always close containers tightly after the removal of product.

**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****Occupational exposure controls**

Provide adequate ventilation.

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

**Protective and hygiene measures**

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

**Respiratory protection**

not applicable

## Safety Data Sheet

according to Regulation (EC) No 1907/2006



### SK - I (FM)

Print date: 18.03.2020

Product code: 02.100.100

Page 4 of 8

#### Hand protection

Suitable material:

In case of prolonged or frequently repeated skin contact: NBR (Nitrile rubber).  
penetration time (maximum wearing period): 0,5 h

See information supplied by the manufacturer.

Protective gloves have to be replaced at the first sign of deterioration.  
Protect skin by using skin protective cream.

#### Eye protection

Wear eye/face protection.

#### Skin protection

not applicable

#### Environmental exposure controls

Do not allow to enter into surface water or drains.

## 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):	6,5 ± 1,0

#### Changes in the physical state

Melting point:	0 °C
Initial boiling point and boiling range:	100 °C

Flash point:	No data available	DIN 53213
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#### Flammability

Solid:	not applicable
Gas:	not applicable

#### Explosive properties

not relevant

Lower explosion limits:

Upper explosion limits:

Ignition temperature:	not applicable
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#### Auto-ignition temperature

Solid:	not relevant
Gas:	not relevant

#### Oxidizing properties

Not oxidizing.

Vapour pressure:	No data available
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Density (at 20 °C):	1,10 ± 0,02 g/cm <sup>3</sup>	DIN 53217
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Bulk density:	not applicable
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# Safety Data Sheet

according to Regulation (EC) No 1907/2006



## SK - I (FM)

Print date: 18.03.2020

Product code: 02.100.100

Page 5 of 8

Water solubility: completely miscible  
 Flow time:  
 (at 23 °C) 10 - 15 4 DIN 53211  
 Solvent separation test: <3 % (ADR/RID)

### 9.2. Other information

## 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.

### 10.3. Possibility of hazardous reactions

Exothermic reactions with: Oxidizing agents. Strong acid, strong alkalis

### 10.4. Conditions to avoid

In case of warming: Thermal decomposition.

### 10.6. Hazardous decomposition products

Carbon monoxide Carbon dioxide. Nitrogen oxides (NOx).

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Acute toxicity, oral  
 LD50: > 5000 mg/kg  
 OECD 401  
 species: Rat.

CAS No	Chemical name				
	Exposure route	Method	Dose	Species	Source
	Naphtalinpolykondensat				
	oral	LD50	>5000	Rat	
	dermal	Data lacking			
	inhalation gas	Data lacking			

#### Irritation and corrosivity

Irritant effect on the eye: Not an irritant.  
 species: Rabbit.  
 Method: OECD 405

#### Sensitising effects

species: Guinea-pig.  
 Method: OECD 406.  
 Evaluation: no danger of sensitization.

#### Additional information on tests

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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SK - I (FM)**

Print date: 18.03.2020

Product code: 02.100.100

Page 6 of 8

**Further information**

There are no data available on the preparation/mixture itself.  
 The preparation is not dangerous in the sense of Directive 1999/45/EC.  
 Data apply to technical substance.

**SECTION 12: Ecological information****12.1. Toxicity**

Aquatic toxicity

EC10:

species: *Pseudomonas putida*

1800 mg/l

LC50:

Exposure time: 48 h

species: *Leuciscus idus* (golden orfe)

&gt; 560 mg/l

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
	Naphtalinpolykondensat					
	Acute fish toxicity	LC50	>1000 mg/l	96 h	<i>Pseudomonas putida</i>	
	Acute crustacea toxicity	EC50	>10000 mg/l	48 h		

**12.2. Persistence and degradability**

&gt; 70 %

OECD 302B / ISO 9888 / EEC 88/302 annex V, C.9

**12.3. Bioaccumulative potential**

No information available.

**Further information**

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC). There are no data available on the preparation/mixture itself.

Do not allow to enter into surface water or drains.

The information about ecology refers to the active component.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Do not allow to enter into surface water or drains.

Remove according to the regulations.

**Contaminated packaging**

Water (with cleaning agent). Completely emptied packages can be recycled. Completely emptied packages can be recycled.

Remove according to the regulations.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SK - I (FM)**

Print date: 18.03.2020

Product code: 02.100.100

Page 7 of 8

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number:** -**14.2. UN proper shipping name:** -**14.3. Transport hazard class(es):** -**14.4. Packing group:** -**Other applicable information (land transport)**

No dangerous good in sense of this transport regulation.

**Inland waterways transport (ADN)****14.1. UN number:** -**14.2. UN proper shipping name:** -**14.3. Transport hazard class(es):** -**14.4. Packing group:** -**Other applicable information (inland waterways transport)**

No dangerous good in sense of this transport regulation.

**Marine transport (IMDG)****14.1. UN number:** -**14.2. UN proper shipping name:** -**14.3. Transport hazard class(es):** -**14.4. Packing group:** -**Other applicable information (marine transport)**

No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)****14.1. UN number:** -**14.2. UN proper shipping name:** -**14.3. Transport hazard class(es):** -**14.4. Packing group:** -**Other applicable information (air transport)**

No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code**

not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information****Additional information**

According to EC directives or the corresponding national regulations the product does not have to be

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**SK - I (FM)**

Print date: 18.03.2020

Product code: 02.100.100

Page 8 of 8

labelled.

**National regulatory information**

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

**SECTION 16: Other information****Further Information**

\* Data changed compared with the previous version

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.

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