according to Reg. (EC) No 1907/2006



# FEUERLÖSCHER PM10 – S6/FF

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

1.1 Product identifier	
Desident and the second	

Product name Product number : FEUERLÖSCHER PM10 – S6/FF : PM10 – S6/FF

#### **1.2 Relevant identified uses of the substance or mixture and uses advised against** Identified use of the mixture : Extinguisher spray for professional use

# 1.3 Details of the supplier of the safety data sheet

Company	: Prymos GmbH
	Siemensstraße 18
	63225 Langen
Phone	: +49 6103 44094 30
Fax	: +49 6103 44094 39
E-Mail	: d.faust@prymos.com

# **1.4 Emergency telephone number**

GBK GmbH +49 (0)6132 - 84463 (24 hours)

# **SECTION 2: Hazards identification**

# 2.1 Classification of the substance or mixture

# Regulation (EC) No 1272/2008

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

# 2.2 Label elements

# Regulation (EC) No 1272/2008

Not applicable

2.3 Other hazards

None are known.

# **SECTION 3: Composition/information on ingredients**

#### 3.2 Mixtures





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#### Hazardous components

Chemical name	CAS No. EC No. INDEX No. REACH No.	Classification	Concentration (% w/w)
Urea	57-13-6 200-315-5 - 01-2119463277-33	-	0.5 – 1.5
1,2-Benzisothiazol-3(2H)- one	2634-33-5 220-120-9 613-088-00-6 01-2120761540-60	Acute Tox. 4, H302; Skin Irrit. 2, H315; Eye Dam. 1, H318 Skin Sens. 1, H317 Aquatic Acute 1, H400	0.001 – 0.002

# **Specific concentration limits**

Chemical name	CAS No. EC No. INDEX No. REACH No.	Specific concentration limits
1,2-Benzisothiazol-3(2H)- one	2634-33-5 220-120-9 613-088-00-6 01-2120761540-60	(0.05 ≤ 100) Skin Sens. 1, H317

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

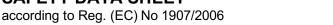
# **SECTION 4: First aid measures**

4.1 Description of first aid measures			
General information	:	Take off contaminated clothing. First aider: Pay attention to self- protection.	
After inhalation	:	Provide fresh air. Call a doctor in case of symptoms.	
After contact with skin	:	Wash thoroughly with water and soap. Call a doctor in case of symptoms	
After contact with eyes	:	In case of contact with eyes flush immediately with plenty of flowing water for 10 – 15 minutes holding eyelids apart and consult an ophthalmologist.	
After ingestion	:	Rinse mouth immediately and drink plenty of water. Call a physician immediately.	

#### 4.2 Most important symptoms and effects, both acute and delayed None are known.

#### 4.3 Indication of any immediate medical attention and special treatment needed Treatment

: First aid, decontamination, treatment of symptoms.





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### **SECTION 5: Firefighting measures**

### 5.1 Extinguishing media

Suitable extinguishing media : Product itself is an extinguishing media Unsuitable extinguishing media: Not applicable.

# 5.2 Special hazards arising from the substance or mixture

None.

# 5.3 Advice for firefighters

In case of fire wear self-contained breathing apparatus.

### **SECTION 6: Accidental release measures**

#### **6.1 Personal precautions, protective equipment and emergency procedures** Provide adequate ventilation. Avoid contact with eyes, skin and clothing.

### 6.2 Environmental precautions

Do not allow to enter drains or waterways. Do not allow to enter soil/subsoil.

# 6.3 Methods and material for containment and cleaning up

Provide adequate ventilation. Large quantities: Contain product. Pump out product. Small quantities: Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binder).

#### 6.4 Reference to other sections

Safe handling :	see section 7
Personal protective equipment:	see section 8
Disposal :	see section 13

# **SECTION 7: Handling and storage**

# 7.1 Precautions for safe handling

# Advice on safe handling

Provide adequate ventilation as well as local exhaustion at critical locations.

#### Advice on protection against fire and explosion

Heating causes rise in pressure with risk of bursting.

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

Keep container in a cool, well-ventilated place.

#### Advice on storage compatibility

Do not store together with : oxidizing agents

#### Further information on storage conditions

Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

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#### 7.3 Specific end use(s) Not applicable

# **SECTION 8: Exposure controls/personal protection**

### 8.1 Control parameters

Does not contain substances above concentration limits fixing an occupational exposure limit.

### 8.2 Exposure controls

#### Appropriate engineering controls

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

#### Protective and hygiene measures

Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff. Remove contaminated, saturated clothing immediately.

#### **Personal protection**

Eye/face protection	:	Safety goggles with side protection (EN 166)
Hand protection Suitable material Thickness of the material Breakthrough time Additional information	:	Chloroprene 0.65 mm > 480 min The quality oft he protective gloves resistant to chemicals must be chosen as a function oft he specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.
Skin protection	:	Protective clothing, antistatic.
Respiratory protection Filter type	:	Necessary at insufficient ventilation Kombination filter particle and organic vapours (A-P)
Thermal hazards	:	not relevant

#### Environmental exposure control

See section 7. No additional measures necessary.

### **SECTION 9: Physical and chemical properties**

#### 9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Colourless
Odour	: Odourless
Odour threshold	: Not determined
pH value (20 °C)	: 6-9

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Melting point Boiling point / boil Flash point Evaporation rate Flammability (soli Explosive properti Explosion limits	d, gas) :	Not determined Not determined Not applicable Not determined Not applicable Not explosive Not applicable	
Vapour pressure ( Relative vapour d Density (20 °C)	· /	Not determined Not determined Not determined	
Water solubility Partition coefficier (n-Octanol / water		Completely miscibl Not applicable	e
Auto-ignition temp Decomposition te Dynamic viscosity Oxidizing properti	mperature : / :		
9.2 Other information Particle size	۱ :	Not applicable	

# **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No hazardous reaction when handled and stored according to provisions.

#### 10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

#### 10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

#### 10.4 Conditions to avoid

Do not expose to temperatures above 50 °C. Heating causes rise in pressure with risk of bursting.

#### **10.5 Incompatible materials**

None are known when handled/stored according to provisions.

### **10.6 Hazardous decomposition products**

No hazardous decomposition products are known.

#### **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Irritation and corrosivity

Based on available data, the classification criteria are not met.

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### Sensitising effects

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.

**Carcinogenic, mutagenic, toxic effects for reproduction** 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.

# **SECTION 12 Ecological information**

### 12.1 Toxicity

There are no data available on the mixture itself.

# 12.2 Persistence and degradability

There are no data available on the mixture itself.

#### 12.3 Bioaccumulative potential

No indication of bioaccumulation potential.

### 12.4 Mobility in soil

There are no data available on the mixture itself.

#### 12.5 Results of PBT and vPvB assessment

The substances in the mixture to not meet PBT/vPvB criteria according to REACH, annex XIII.

# 12.6 Endocrine disrupting effects

This mixture does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no component meets the criteria.

#### 12.7 Other adverse effects

No data available.

#### **SECTION 13: Disposal considerations**

# 13.1 Waste treatment methods

Advice on disposal :

Dispose of waste according to applicable legislation. Dispose of packaging only fully emptied

Waste disposal number product: 160505, gases in pressure containers other than those mentioned in 160504

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Waste disposal nur contaminated pack		netallic packaging	
Contaminated pack	aging : Dispose o	Dispose of waste according to applicable legislation.	
SECTION 14: Transpor	rt information		
14.1 UN number			
ADR	: UN 1044		
RID	: UN 1044		
ADN IMDG	: UN 1044 : UN 1044		
IATA	: UN 1044		
14.2 UN proper shippiı	ng name		
ADR		TINGUISHERS	
RID		TINGUISHERS	
ADN IMDG		TINGUISHERS TINGUISHERS	
IATA	: Fire extin		
14.3 Transport hazard	class(es)		
ADR	: 2		
RID	: 2		
ADN	: 2		
IMDG IATA	: 2.2 : 2.2		
14.4 Packing group			
ADR			
Packing group		ned by regulation	
Classification code			
Hazard label Tunnel restriction c	: 2.2 ode : D		
	ode . D		
<b>RID</b> Packing group	· Not assig	ned by regulation	
Classification code		ned by regulation	
Hazard label	: 2.2		
ADN			
Packing group		ned by regulation	
Classification code Hazard label	: 6A : 2.2		
IMDG			
Packing group		ned by regulation	
Hazard label	: 2.2		
EmS Code	: F-C, S-V		





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IATA (Cargo) Packing group Packing instruction Packing instruction Hazard label	:	Not assigned by regulation 213 Y213 Non-flammable, non-toxic Gas
IATA (Passenger) Packing group Packing instruction Packing instruction Hazard label		Not assigned by regulation 213 Y213 Non-flammable, non-toxic Gas

# 14.5 Environmental hazards

Environmentally hazardous: no

#### **14.6 Special precautions for users** See sections 6 – 8.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code Not relevant.

# **SECTION 15: Regulatory information**

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

#### National regulatory information

Employment restrictions	:	Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC) Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers
Water contaminating class	:	1- slightly water contaminating

### 15.2 Chemical safety assessment

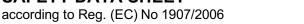
A chemical safety assessment was not carried out.

### **SECTION 16: Other information**

Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 Not applicable

#### 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
H400 :	Very toxic to aquatic life





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# Data sources

Data arise from reference works, literature, components MSDS

# **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.