

SAFETY DATA SHEET

according to Reg. (EC) No 1907/2006



FEUERLÖSCHER PM10 – S9

Revision
2,02 GB-en

Revision date:
05.01.2021

Date of last revision: 24.04.2019
Date of first revision: 10.04.2016

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

1.1 Product identifier

Product name : FEUERLÖSCHER PM10 – S9
Product number : PM10 – S9

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

Identified use of the mixture : Fire extinguisher
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

Special labelling of certain mixtures:

EUH210 Safety data sheet available on request.

2.3 Other hazards

None are known.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Hazardous components

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Chemical name	CAS No. EC No. INDEX No. REACH No.	Classification	Concentration (% w/w)
Urea	57-13-6 200-315-5 - 01-2119463277-33		< 2.5

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

- Risks : Irritation to eyes.

4.3 Indication of any immediate medical attention and special treatment needed

- Treatment : First aid, decontamination, treatment of symptoms.

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.

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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 exhaust at critical locations. Avoid contact with eyes, skin and clothing.

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.

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.

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Personal protection

Eye/face protection : Safety goggles with side protection (EN 166)

Hand protection

Suitable material : NBR (nitrile rubber)
Thickness of the material : 0.4 mm
Breakthrough time : > 480 min
Additional information : The quality of the protective gloves resistant to chemicals must be chosen as a function of the 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 : Necessary at insufficient ventilation
Filter type : Kombination filter particle and organic vapours (A-P)

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 : Yellow orange
Odour : Characteristic
Odour threshold : Not determined
pH value (20 °C) : Not determined

Melting point : Not determined
Boiling point / boiling range : ca. 100 °C
Flash point : Not applicable
Evaporation rate : Not determined
Flammability (solid, gas) : Not applicable
Explosive properties : Not explosive
Explosion limits : Not applicable

Vapour pressure (20 °C) : Not determined
Relative vapour density : Not determined
Density (20 °C) : Not determined

Water solubility : Completely miscible
Partition coefficient (n-Octanol / water) : Not applicable

Auto-ignition temperature : Not applicable
Decomposition temperature : Not determined
Kinematic viscosity : Not applicable
Oxidizing properties : No

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9.2 Other information

Particle size : 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

Oxidising agents.

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.

Components:

Urea:

Acute oral toxicity : LD50 (rat): 8,471 mg/kg

Irritation and corrosivity

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

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.

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SECTION 12 Ecological information

12.1 Toxicity

Components:

Urea:

Acute fish toxicity : LC50 / 96 h (Poecilia reticulata): 17,500 mg/l
Acute crustacea toxicity : EC50 / 48 h (Daphnia magna): 3,910 mg/l

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 do not meet PBT/vPvB criteria according to REACH, annex XIII.

12.6 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.

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

Waste disposal number
contaminated packaging : 150102, plastic packaging

Contaminated packaging : Dispose of waste according to applicable legislation.

SECTION 14: Transport information

14.1 UN number

ADR : UN 1044
RID : UN 1044
ADN : UN 1044
IMDG : UN 1044
IATA : UN 1044

14.2 UN proper shipping name

ADR : FIRE EXTINGUISHERS
RID : FIRE EXTINGUISHERS

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ADN : FIRE EXTINGUISHERS
IMDG : FIRE EXTINGUISHERS
IATA : Fire extinguishers

14.3 Transport hazard class(es)

ADR : 2
RID : 2
ADN : 2
IMDG : 2.2
IATA : 2.2

14.4 Packing group

ADR
Packing group : Not assigned by regulation
Classification code : 6A
Hazard label : 2.2
Tunnel restriction code : D

RID
Packing group : Not assigned by regulation
Classification code : 6A
Hazard label : 2.2

ADN
Packing group : Not assigned by regulation
Classification code : 6A
Hazard label : 2.2

IMDG
Packing group : Not assigned by regulation
Hazard label : 2.2
EmS Code : F-C, S-V

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

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

14.5 Environmental hazards

Environmentally hazardous: no

14.6 Special precautions for users

See sections 6 – 8.

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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

EU regulatory information

VOC (2010/75/EU) : < 1 %

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)

EUH210 : Safety data sheet available on request.

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.