

SAFETY DATA SHEET

according to Reg. (EC) No 1907/2006



FEUERLÖSCHSPRAY UNIVERSAL - 625 ML

Revision
3,00 GB-en

Revision date:
28.12.2022

Date of last revision: 19.10.2020
Datum of first revision: 03.07.2015

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

1.1 Product identifier

Product name : FEUERLÖSCHSPRAY UNIVERSAL - 625 ML
Product number : 631

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

Aerosols 3 H229: Pressurised container: May burst if heated.

2.2 Label elements

Regulation (EC) No 1272/2008

Hazard pictograms : Not applicable
Signal word : Attention
Hazard statements : H229 Pressurised container: May burst if heated.

Precautionary statements : P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251 Do not pierce or burn, even after use.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

Labelling of special mixtures:

EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction

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)
Potassium carbonate	584-08-7 209-529-3 - 01-2119532646-36	Skin Irrit. 2; H319 Eye Irrit. 2; H315 STOT SE 3; H335	>= 1 - < 3
1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-(C8-18 and C18 unsatd. acyl) derivs., inner salts	147170-44-3 604-575-4 - 01-2119489410-39	Eye Dam. 1; H318 Aquatic Chronic 3; H412	>= 0.2 - < 0.3

SECTION 4: First aid measures

4.1 Description of first aid measures

- General information : Take off contaminated clothing.
- 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. Do NOT induce vomiting. Call a physician immediately.

4.2 Most important symptoms and effects, both acute and delayed

- Risks : None are known.

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

- Due to high vapour pressure danger of bursting in case of temperature rise.

5.3 Advice for firefighters

- In case of fire wear self-contained breathing apparatus and chemical protective clothing.

Additional information

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Use water spray jet to protect personnel and to cool endangered containers. 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

Use personal protective equipment. Provide adequate ventilation. Do not breathe vapour/spray. 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. 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.

Recommended storage temperature: +5 – +35 °C

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

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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

Common precautionary measures have to be observed when handling chemical substances. 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 : 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 : Aerosol
Propellant : Nitrogen
Colour : Colourless
Odour : Mild
Odour threshold : Not determined
pH value (20 °C) : 9.5

Melting point : Not applicable
Boiling point / boiling range : Not applicable
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) : 23 hPa

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Relative vapour density : Not determined
Density (20 °C) : ca. 1.12 g/cm³

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

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.

Irritation and corrosivity

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

Sensitising effects

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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.

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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
There are no data available on the mixture itself.

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 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
None are known.

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 : 150110, packaging containing residues of or contaminated by dangerous substances
- Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal.
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SECTION 14: Transport information

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14.1 UN number

ADR : UN 1950
RID : UN 1950
ADN : UN 1950
IMDG : UN 1950
IATA : UN 1950

14.2 UN proper shipping name

ADR : AEROSOLS
RID : AEROSOLS
ADN : AEROSOLS
IMDG : AEROSOLS
IATA : Aerosols, non-flammable

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 : 5A
Hazard label : 2.2
Tunnel restriction code : E

RID
Packing group : Not assigned by regulation
Classification code : 5A
Hazard label : 2.2

ADN
Packing group : Not assigned by regulation
Classification code : 5A
Hazard label : 2.2

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

IATA (Cargo)
Packing group : Not assigned by regulation
Packing instruction : 203
Packing instruction (LQ) : Y203
Hazard label : Non-flammable, non-toxic Gas

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IATA (Passenger)

Packing group : Not assigned by regulation
Packing instruction : 203
Packing instruction (LQ) : Y203
Hazard label : 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

EU regulatory information

VOC (2010/75/EC) : 0 %

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

Aerosol 3, H229 : On basis of test data

Relevant H and EUH statements (number and full text)

H229 : Pressurised container: May burst if heated.
H315 : Causes skin irritation.
H318 : Causes serious eye damage.
H319 : Causes serious eye irritation.
H335 : May cause respiratory irritation.
H412 : Harmful to aquatic life with long lasting effects.

Data sources

Data arise from reference works, literature, components MSDS

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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.