

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Fire Extinguisher Spray GASTRONOMY

Print date: 22.02.2016

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

##### 1.1. Product identifier

Fire Extinguisher Spray GASTRONOMY

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

###### Use of the substance/mixture

Extinguishing media

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

Company name:	Prymos GmbH	
Street:	Gerbermühlstraße 9	
Place:	D-60594 Frankfurt am Main	
Telephone:	+49 (0)69 66 05 939-0	Telefax: +49 (0)69 66 05 939-29
e-mail (Contact person):	info@prymos.com	

##### 1.4. Emergency telephone number:

+49 (0)69 66 05 939-0

#### SECTION 2: Hazards identification

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

###### Regulation (EC) No. 1272/2008

Hazard categories:  
Aerosol: Aerosol 3  
Hazard Statements:  
Pressurised container: May burst if heated.

##### 2.2. Label elements

###### Regulation (EC) No. 1272/2008

Signal word: Warning

###### Hazard statements

H229 Pressurised container: May burst if heated.

###### Precautionary statements

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.

##### 2.3. Other hazards

none

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

##### 3.2. Mixtures

###### Chemical characterization

Extinguishing agent based on potassium salts

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

Take off immediately all contaminated clothing.

###### After inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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#### **After contact with skin**

After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

#### **After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 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**

First Aid, decontamination, treatment of symptoms.

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

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Product acts as extinguishing media.

#### **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.

#### **Additional information**

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 protection equipment. Avoid contact with skin, eyes and clothes.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

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

Provide adequate ventilation. Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

#### **6.4. Reference to other sections**

Safe handling: see section 7

Personal protection 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**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

#### **7.2. Conditions for safe storage, including any incompatibilities**

##### **Requirements for storage rooms and vessels**

Keep in a cool, well-ventilated place.

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#### Advice on storage compatibility

Do not store together with: Oxidising agent

#### Further information on storage conditions

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

Protect against: Frost

#### 7.3. Specific end use(s)

not applicable

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Additional advice on limit values

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

#### 8.2. Exposure controls

##### Appropriate engineering controls

Personal protective equipment has to be chosen in accordance with workplace specific conditions, e. g. concentration of the product. Chemical resistance has to be clarified with the supplier of protective equipment.

##### Protective and hygiene measures

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

##### Eye/face protection

Wear eye/face protection.

##### Hand protection

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.

##### Skin protection

Protective apron

##### Respiratory protection

Respiratory protection necessary at: insufficient ventilation  
Suitable respiratory protection apparatus: Particle filter device (DIN EN 143)

##### Environmental exposure controls

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  
Colour: yellow - green  
Odour: characteristic

#### Test method

pH-Value (at 20 °C): 8 - 9 Active agent

#### Changes in the physical state

Melting point: not applicable  
Initial boiling point and boiling range: not applicable  
Flash point: not applicable

#### Explosive properties

not explosive.

Lower explosion limits: not applicable

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Upper explosion limits:	not applicable
Ignition temperature:	not determined
<b>Oxidizing properties</b>	
Not oxidizing.	
Vapour pressure: (at 20 °C)	not determined
Density (at 20 °C):	1,28 g/cm <sup>3</sup> Active agent
Water solubility:	easily soluble
Partition coefficient:	not applicable
Viscosity / dynamic:	not determined
Viscosity / kinematic:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

#### **9.2. Other information**

none

### 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**

Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

#### **10.5. Incompatible materials**

none

#### **10.6. Hazardous decomposition products**

No known hazardous decomposition products.

### SECTION 11: Toxicological information

#### **11.1. Information on toxicological effects**

##### **Toxicocinetics, metabolism and distribution**

There are no data available on the mixture itself.

##### **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**

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

##### **STOT-single exposure**

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

##### **Severe effects after repeated or prolonged exposure**

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

##### **Carcinogenic/mutagenic/toxic effects for reproduction**

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

#### Aspiration hazard

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

### 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 the PBT/vPvB criteria according to REACH, annex XIII.

#### 12.6. Other adverse effects

none

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Dispose of waste according to applicable legislation.

##### Waste disposal number of waste from residues/unused products

160505 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers other than those mentioned in 16 05 04

##### Waste disposal number of used product

160505 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers other than those mentioned in 16 05 04

##### Waste disposal number of contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

##### Contaminated packaging

Dispose of waste according to applicable legislation.

### SECTION 14: Transport information

#### Land transport (ADR/RID)

<b>14.1. UN number:</b>	UN 1950
<b>14.2. UN proper shipping name:</b>	AEROSOLS
<b>14.3. Transport hazard class(es):</b>	2
<b>14.4. Packing group:</b>	-
Hazard label:	2.2



Classification code:	5A
Special Provisions:	190 327 344 625

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Limited quantity: 1 L  
 Excepted quantity: E0  
 Transport category: 3  
 Tunnel restriction code: E

**Other applicable information (land transport)**

Transport as "limited quantity" according to chapter 3.4 ADR/RID.

**Inland waterways transport (ADN)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
 Hazard label: 2.2



Classification code: 5A  
 Special Provisions: 190 327 344 625  
 Limited quantity: 1 L  
 Excepted quantity: E0

**Marine transport (IMDG)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2.2  
**14.4. Packing group:** -  
 Hazard label: 2.2



Marine pollutant: -  
 Special Provisions: 63, 190, 277, 327, 344, 959  
 Limited quantity: 1000 mL  
 Excepted quantity: E0  
 EmS: F-D, S-U

**Air transport (ICAO)**

**14.1. UN number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2.2  
**14.4. Packing group:** -  
 Hazard label: 2.2



Special Provisions: A145 A167 A802  
 Limited quantity Passenger: 30 kg G  
 Passenger LQ: Y203  
 Excepted quantity: E0  
 IATA-packing instructions - Passenger: 203  
 IATA-max. quantity - Passenger: 75 kg

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IATA-packing instructions - Cargo: 203  
IATA-max. quantity - Cargo: 150 kg

#### **14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

#### **14.6. Special precautions for user**

see section 6 - 8

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 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**

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

#### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

### SECTION 16: Other information

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

H229 Pressurised container: May burst if heated.

#### **Further Information**

Data sources: Data arise from reference works and literature.

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.)*