

Safety Information Sheet

In compliance with Regulation (EC) No. 1907/2006 (REACH) as amended by 2015/830/EU

Revision 0 of 01/09/2025

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

1.1. Product identifier

Code:

Article : GW2P

Fire extinguisher with foam extinguishing agent, permanent pressure type.

Model:

1.2. Identified relevant uses of the substance or mixture and recommended uses

Areas of use:

Consumer Uses [SU21] ; Professional Uses [SU22]

Recommended uses:

Do not use for other than those indicated.

1.3. Safety Data Sheet Provider Information

Company Name

Emme Antincendio s.r.l.

Address

Via del Molino, 40

Location and State

52010 loc. Corsalone – Chiusi della Verna (AR)

Italy

Contacts

Tel. +39 0575 511320

info@emme-italia.com – www.emme-italia.com

1.4. Emergency telephone number

For information, please contact:

Tel. +39 0575 511320

SECTION 2: Hazard Identification

2.1 Classification of the substance or mixture

This product does not meet the criteria for classification in any hazard class in accordance with Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.

However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

2.2 Labelling elements

Hazard pictograms:

None

Warnings

Not dangerous

Hazard statements

Not dangerous

Precautionary statements

General

EUH210 – Safety data sheet available on request.

2.3 Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage \geq than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration \geq 0.1%.

The product does not contain pfas or fluorine.

In general, the product can cause skin irritation / eye irritation.

SECTION 3: Composition/Ingredient Information

3.1 Chemical nature

Foam

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3.2 Mixtures of listed substances

Identification $x = \text{Conc. \%}$ Classification (EC) 1272/2008 (CLP)

2- (2-Butoxyethoxy) Ethanol

INDEX 603-096-00-8 $0,5 \leq x < 1$ Eye Irrit. 2 H319

EC 203-961-6

CAS 112-34-5

REACH Reg. 01-2119475104-44-xxx

SECTION 4: First Aid Measures

4.1 Description of first aid measures

No effects requiring implementation of special first aid measures are expected. The following information represents practical indications of correct behaviour in the event of contact with a chemical product, even if not hazardous.

In case of doubt or in the presence of symptoms contact a doctor and show him this document.

In case of more severe symptoms, ask for immediate medical aid.

EYES: Remove, if present, contact lenses if the situation allows you to do so easily. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Take off contaminated clothing. Wash immediately and thoroughly with running water (and soap if possible). Get medical advice. Avoid further contact with contaminated clothing.

INGESTION: Do not induce vomiting unless explicitly authorised by a doctor. Do not give anything by mouth to an unconscious person. Get medical advice/attention.

INHALATION: Remove victim to fresh air, away from the accident scene. Get medical advice/attention.

Rescuer protection:

It is good practice for rescuers lending support to a person who has been exposed to a chemical substance or to a mixture to wear personal protective equipment. The nature of such protection depends on the hazard level of the substance or mixture, on the type of exposure and on the extent of the contamination. In the absence of other more specific indications, use of disposable gloves in the event of possible contact with body fluids is recommended. For the type of PPE suitable for the characteristics of the substance or mixture, see section 8.

4.2 Main symptoms and effects, both acute and delayed

Specific information on symptoms and effects caused by the product are unknown.

4.3 Indication of whether medical attention and special treatment are required immediately

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

SECTION 5: Fire Fighting Measures

5.1 Extinguishing media

The item described in this safety data sheet is intended for fighting fire outbreaks. The extinguishing agent inside the product acts as a fire suppressant.

5.2 Special hazards arising from the substance or mixture

Pressurized article in a sealed metal container

5.3 Recommendations for Fire Extinguishers

Specific firefighting methods: Open doors and windows to allow maximum ventilation. Avoid breathing vapors (toxic). Stay upwind of the fire.

Cool down containers exposed to flames with cold water until the fire is fully out. Special protection for firefighting: If vapors are present, use self-contained breathing equipment. Dispose of residues and contaminated water according to official regulations.

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SECTION 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protective clothing (see section 8). Use appropriate respirator mask.

6.2 Environmental Precautions

Do not disperse into sewers or groundwater.

Clean dirty objects and the floor well, respecting environmental regulations. Treat the removed material as described in the "disposal" section

6.3 Methods and materials for containment and remediation

Remove the dispersed extinguishing agent with an inert absorbent and store as waste to be kept with special care. Use industrial vacuum cleaners authorized for vacuuming. Collect in suitable, closed containers and dispose of.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Instructions for safe use

Avoid contact and inhalation of the vapors generated by the dispensing of the extinguishing agent.

Pressurized vessel.

Do not puncture or burn even after use

Indications against fire and explosion

No special measures required

7.2 Conditions for safe storage, including any incompatibilities

Keep the containers upright and safe avoiding the possibility of falls and/or impacts.

Pressurized vessel. It is advisable to store the item in a place sheltered from atmospheric agents and sources of oxidation, at an ambient temperature as indicated on the marking label.

7.3 Special end uses

The article is a fire extinguisher.

Fire extinguisher is certified according to current regulations as a fire protection device.

SECTION 8: Exposure Control/Personal Protection

8.1 Control parameters – related to the substances contained

OEL (Occupational Exposure Limits)

- 2-(2-Butoxyethoxy)ethanol

10ppm ; 67.5mg/m³; Category: TWA (8h)

15ppm ; 101.2mg/m³; Category: STEL (15min)

DNEL (Derived Level with No Effect)

No data available

PNEC (Predictable No-Effect Concentrations)

No data available

8.2 Exposure Controls

Suitable roadworthiness tests

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

General protection and hygiene measures

Not required for normal use

Avoid contact with skin, eyes, and clothing. Only protective gloves with a CE mark and a four-digit control number should be worn when working with chemicals. Do not eat, drink, smoke, or sniff tobacco in the workplace.

Eye/face protection

Wear airtight protective goggles (see standard EN ISO 16321).

Hand protection

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, permeability time.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

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Skin protection

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Respiratory protection

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. Use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387).

If the substance considered is odorless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.

Environmental Exposure Controls

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

SECTION 9: Exposure Control/Personal Protection

9.1 Information on fundamental physical and chemical properties

Please refer to the information on the chemical substances of the fire extinguisher and propellant in the article covered by this safety information sheet.

9.2 Other information

No data available

SECTION 10: Stability and Responsiveness

10.1. Responsiveness

No risk of reactivity

10.2. Chemical Stability

No hazardous reactions when handled and stored according to the instructions

10.3. Possibility of dangerous reactions

None

10.4. Conditions to avoid

Permanent shocks or deformations.

Storage at a temperature outside the range of -30°C/+60°C. Check the marking label.

Welding or thermal work in equipment or systems that may contain product residues. Do not get wet.

10.5. Incompatible materials

N.A.

10.6. Hazardous decomposition products

N.A.

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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 the available data, the classification criteria are not met
Sensitizing effects	Based on the available data, the classification criteria are not met
Carcinogenic, mutagenic, toxic effects for reproduction	Based on the available data, the classification criteria are not met
Specific Target Organ Toxicity (STOT) – single exposure	Based on the available data, the classification criteria are not met
Specific Target Organ Toxicity (STOT) – repeated exposure	Based on the available data, the classification criteria are not met
Danger in the event of suction	Based on the available data, the classification criteria are not met

SECTION 12: Ecological Information (*With regard to the chemicals contained in the fire extinguisher and the propellant*)

12.1. Toxicity

2- (2-Butoxyethoxy) Ethanol

LC50 - for Fish :1,3 g/L/96h ECHA

EC50 - for Crustacea : 100 mg/L/48h ECHA

EC50 - for Algae / Aquatic Plants : 1,101 g/L/72h ECHA

Chronic Noec - Microorganisms 1995 mg/L/0.5h

12.2. Persistence and degradability

92% (28d) OECD 301E

2- (2-Butoxyethoxy) Ethanol

Rapidly degradable

12.3. Bioaccumulation potential

2- (2-Butoxyethoxy) Ethanol

Partition coefficient: n-octanol/water 1 - Log Kow ECHA

12.4. Mobility in soil

No available data regarding the substances included in the mixture of this mixture

12.5. PBT and vPvB assessment results

No available data regarding the substances included in the mixture of this mixture

12.6. Other adverse effects

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

Additional data

Depending on local conditions and existing concentrations, in the case of discharge in biological sewage plants, problems in the decomposition activity of activated sludge are possible.

SECTION 13: Disposal Considerations

13.1. Waste treatment methods

Deletion Information

Disposal according to local authority regulations. Waste disposal under Directive 75/442/EEC EC and 91/689/EEC on waste and hazardous wastes in their latest versions

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SECTION 14: Transportation Information

14.1. Number UN
UN 1044



14.2. Shipping regulations according to the United Nations
Fire extinguishers

14.3. Transport hazard classes
2.2

14.4. Packaging Units
Not applicable

14.5. Hazards to the environment
Not applicable

14.6. Special precautions for transport
ADR : 594

IMDG : 225

IATA / ICAO : A19

14.7. Transport of bulk cargo according to Annex II of MARPOL 73/78 and the IBC code
No bulk transport is provided

SECTION 15: Regulatory Information

15.1. Health, safety and environmental laws and regulations specific to the substance or mixture in Italian regulation
Legislative Decree 9/4/2008 no. 81 (consolidated law on health and safety at work) and subsequent amendments Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), Regulation (EC) No. 830/2015 (Requirements for the compilation of safety data sheets), Regulation (EC) No. 790/2009. Legislative Decree No. 238 of 21 September 2005 (Seveso Ter Directive).

15.2. Chemical Safety Assessment
No chemical safety assessment has been carried out

SECTION 16: Other Information

The fire extinguisher covered by this data sheet, defined as an assembly object, is excluded from the preparation of the safety data sheet. The information and classifications given in this sheet refer to the extinguishing mixture present inside the fire extinguisher.

The information contained in this sheet is based on the knowledge available at the date of compilation relating to the requirements for safety, health, environmental protection and the correct use of the product.

The user must be aware of the possible risks associated with using the product other than that for which the product is supplied.

For the specifications of the extinguishing agent and propellant present inside the fire extinguisher, please refer to the safety data sheet prepared by the manufacturer of the extinguishing mixture.