

Flamebuster 500ml Aerosol Extinguisher (FAE500)

SAFETY DATA SHEET according to Regulation (EC) No 1907/2006

Latest Version 12/05/21

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

1.1. Product identifier

Product name: Firechief Flamebuster 500ml Aerosol Extinguisher (FAE500)

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

The product is considered for extinguishing fires of fire classes A3 (ordinary combustibles like wood, paper, textiles), B13 (flammable liquids like gasoline, alcohol), F5 (grease and fats).

Spray to extinguish small fires. Suitable to extinguish electrical appliances up to 1000V.

1.3. Details of the supplier of the safety data sheet

Company name: Firechief Global
Street: Sentura House, 3 Lands End Way
Place: Oakham, Rutland LE15 6RB
Telephone: 0330 999 0019
E-mail: sales@firechiefglobal.com
Website: www.firechiefglobal.com

1.4. Emergency telephone number

Emergency telephone: 0330 999 0019
Office Hours: Monday to Friday | 08:00 - 17:00

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

According to Regulation (EC) No 1272/2008 of the European Parliament and of the Council and Commission Regulation (EU) 2017/776, it does not meet the criteria for classification as dangerous product.

2.2. Label elements

Pictogram
None



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Signal word
ATTENTION

Hazard statements:

H229 The container is under pressure: may burst when heated
H302 Harmful if swallowed
H320 Causes eye irritation - Category 2B

Precautionary statements:

P102 Keep out of the reach of children
P251 Do not pierce or burn, even after use
P410 + P412 Protect from direct sunlight and do not expose to temperatures above 50 °C / 122 °F

2.3. Other hazards

The ingredients of this formulation do not meet the criteria for classification as PBT or vPvB substance.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Chemical name	EC-No.	CAS-No.	Quantity %	Classification according to Regulation (EC)	REACH – Registration number
2-(2-Butoxyethoxy)-ethanol	203-961-6	112-34-5	1,0 - 2,0	Eye Irrit. 2 (H319)	No data available
Alcohols, C6-12, ethoxylated, sulfate, sodium salt	500-485-3	161025-28-1	0 - 0,5	Skin Irrit. 2, Eye Dam. 1; H315, H318	No data available
Sodium Octyl Sulfate	205-535-5	142-31-4	0 - 0,5	Skin Irrit. 2, Eye Irrit. 1; H315, H319	No data available
Water	--	7732-18-5	98,00	none	No data available



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SECTION 4: First Aid Measures

4.1. Description of first aid measures

General advice	Medical first aid is not necessary.
Inhalation	Inapplicable.
Skin contact	No fatal effects. Wash skin with soap and water.
Eye contact	No fatal effects. Remove contact lenses. Flush immediately eyes and under the eyelids with water.
Ingestion	No fatal effects. Do not induce vomiting without medical advice.
Additional advice	Symptomatic treatment.

4.2. Most important symptoms and effects, both acute and delayed

Repeated or established skin contact can cause skin irritation. Irritating to eyes.

4.3. Identification of any immediate medical attention and special treatment needed

Notes to physician Treat symptomatically

SECTION 5: Fire Fighting Measures

5.1. Extinguishing media

Suitable extinguishing media: solution is an extinguishing agent. The product is not flammable. Adjust the firefighting measures to the surroundings.

Unsuitable extinguishing media: unknown.

5.2. Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products or resulting gases: unknown.

5.3. Advice for firefighters

Take of the cap, point and spray by using "Stop-Spray-Stop" method. This product does not require any special training before use. Usage and handling instructions are mentioned on package.

SECTION 6: Accidental release measures

6.1. Personal precautions

Avoid contact with eyes.

6.2. Environmental precautions

Inform appropriate authorities if large amounts enter drains.

6.3. Methods for cleaning up

Wipe the foam with the cloth away with absorbent material (such as cloth, fleece). After cleaning, rinse with water.



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6.4. Reference to other sections

For more information, see section 8

SECTION 7: Handling and Storage

7.1. Safe handling

Wash hands with soap after using fire extinguishing spray. Avoid contact with eyes. Protect pressurized container from the sunlight. Do not keep at the temperature over +50°C. Do not punch or burn the container after the use. Aluminum can is recyclable.

7.2. Safe storage

Storage temperature range is from 0°C to +50°C.

7.3. Shelf life

36 months. Expiry date is marked on the bottom of the can.

SECTION 8: Exposure Control and Personal Protection

8.1. Parameters to be monitored None.

8.2. Additional notes on the design of technical installations

No further information, see Section 7.

Personal protective equipment: None

General protective and hygienic measures: Do not eat, drink or smoke.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Form	Liquid
Color	Light straw color
Odor	Characteristic
pH (at 20°C)	6,5-8,5
Freezing point	-1°C
Boiling point	100°C
Oxidizing ability	Non-corrosive
Vapor tension (at 20°C)	1 Mpa
Flash point	Inapplicable
Flammability	Non-flammable
Self-ignition ability	Inapplicable
Upper-explosion limit	Inapplicable
Lower-explosion limit	Inapplicable
Density (at 20°C)	1 g/cm ³
Solubility in water	100% soluble
Solubility in fats	Inapplicable

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Continuous working time	15-30 sec.
Length of sprayed flow	3-4 meters
Temperature range	0°C to +50°C
Gas propellant	Nitrogen (N2)

SECTION 10: Stability and Reactivity

10.1. Reactivity

There are no known conditions that are likely to result in a hazardous situation.

10.2. Chemical stability

Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

None.

10.4. Conditions to avoid

Do not keep at the temperature over +50°C.

10.5. Incompatible materials

Oxidizing agents, acids, alkalis.

10.6. Hazardous decomposition

No data available.

SECTION 11: Toxicological Information

11.1. Information on toxicological effects

Acute toxicity: None known.

Product Information: Product does not represent a hazard in the form of acute toxicity, according to known or provided information.

Unknown acute toxicity: Zero percent of the mixture consists of components of unknown acute toxicity.

Corrosive and irritating effects: Slightly irritating to the eyes and the skin - not subject to identification.

Sensitization: unknown.

Toxicological tests: None.

Experience from practice: No negative.

Reproductive toxicity: unknown.

Aspiration hazard: unknown.

SECTION 12: Ecological Information

12.1. Toxicity

Zero percent of the mixture consists of components with unknown water hazard.

12.2. Persistence and degradability

There is no information.



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12.3. Bioaccumulation Potential

This solution contains a few organic fluorchemicals that have the potential to resist degradation and remain in the environment. Amount of hazardous components is too small to involve mixture to be dangerous.

12.4. Mobility in the ground

There is no information.

12.5. Other adverse effects

There is no information.

SECTION 13: Disposal Considerations

Waste treatment methods

Disposal should be in accordance with applicable regional, national and local laws and regulations.


Waste code: 16 05 05

Gases in pressure vessels other than those mentioned in 16 05 04.

Waste key number for packaging: 15 01 04, metal packaging.

SECTION 14: Transport Information

Land transport (ADR/RID):

14.1. UN-Number:	1950
14.2. UN proper shipping name:	AEROSOLS non-flammable 2.2
14.3. Transport hazard class(es):	2.2
Hazard label:	
14.4. Packing group:	-
14.5. Environmental hazards	No
Danger for environment:	
14.6 Special precaution	5A
Classification code:	190, 327
Special Provisions:	1 L
Limited quantity:	P207
Packing instructions:	
Transport category:	2.2



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Packaging: May be packed together in an outer packaging for combination packaging:
with other goods of Class 2;
with goods of other classes;
the mixed packing with goods which are not ADR is permitted.

Other information: non-oxidizing, non-flammable, non-toxic, non-corrosive, non-asphyxiant

Maritime transport IMDG:

14.1. UN-Number: 1950
14.2. UN proper shipping name: AEROSOLS non-flammable 2.2
14.3. Transport hazard class(es): 2.2

Hazard label:



14.4. Packing group: -
14.5. Environmental hazards
Danger for environment: No
Marine pollutant: No
14.6 Special precaution
Special Provisions: 63,190, 327
Limited quantities: SP277
Packing instructions: P207
Stowage and handling: SW1, SW22
MS No: F-D, S-U

No other applicable information (marine transport).

Inland waterway transport ADN:

14.1. UN-Number: 1950
14.2. UN proper shipping name: AEROSOLS non-flammable 2.2
14.3. Transport hazard class(es): 2.2

Hazard label:



14.4. Packing group: -

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14.5. Environmental hazards

Danger for environment: No

14.6 Special precaution

Classification code (RID) : 5A
Special Provisions: 19, 327
Limited quantities (RID) : 1L
Mixed packing provisions (RID): MP9
Transport category (RID) : 2

Air transport IATA:

14.1. UN-Number: 1950
14.2. UN proper shipping name: AEROSOLS non-flammable 2.2
14.3. Transport hazard class(es): 2.2
Hazard label:



14.5. Environmental hazards

Danger for environment: No

14.6 Special precaution

PCA Limited quantities: Y203
PCA packing instructions: 203
PCA max net quantity: 75kg
CAO packing instructions: 203
CAO max net quantity: 150kg
Special provisions: A1

SECTION 15: Regulatory Information

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

- Section 355 (extremely hazardous substances): Substance is not listed.
- Section 313 (Specific toxic chemical listings): Substance is not listed.
- TSCA (Toxic Substances Control Act): Substance is not listed.
- Hazardous Air Pollutants: Substance is not listed.
- Chemicals known to cause cancer: Substance is not listed.
- Chemicals known to cause reproductive toxicity for females: Substance is not listed.
- Chemicals known to cause reproductive toxicity for males: Substance is not listed.
- Chemicals known to cause developmental toxicity: Substance is not listed.
- Chemicals known to cause deplete the ozone layer: Substance is not listed.
- Chemicals known to cause persistent organic pollutants: Substance is not listed.

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Hazard pictograms: none

Signal word: Attention

Hazard statements:

The container is under pressure: may burst when heated

Harmful if swallowed

Causes eye irritation

Precautionary statements:

Keep out of the reach of children

Do not pierce or burn, even after use

Protect from direct sunlight and do not expose to temperatures above 50 °C / 122 °F

15.2 Chemical Safety Assessment

The mixture was not subject to a safety assessment.

SECTION 16. Other Information

Text of the H-phrases referred to in Section 3

H229 - Pressurized container

H302 - Harmful if swallowed

H320 - Causes eye irritation - Category 2B

Safety instructions:

P102 Keep out of the reach of children

P251 Do not pierce or burn, even after use

P410 + P412 Protect from direct sunlight and do not expose to temperatures above 50 °C / 122 °F.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

