

FIRECHIEF XTR AFFF FOAM EXTINGUISHERS

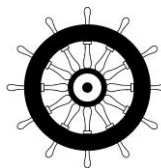
Product Code: FXF6, FXF9



The Firechief range is widely recognised and trusted by resellers and end-users alike. In the 12 years that Firechief extinguishers have been established in the UK fire market, they have become synonymous with quality and reliability.

- 5 year guarantee
- Approved to BSEN3 including 35kV dielectric test
- Designed, developed and tested in UK
- MED approval for appropriate models
- Squeeze grip operation
- Corrosion resistant finish
- Spray Nozzle
- Internal polyethylene lining

	FXF6	FXF9
Capacity	6 litre	9 litre
Fire Rating	21A 144B	27A 233B
MED Approval	Yes	Yes
35kV Dielectric	Yes	Yes
LPCB Cert No	1093a/17	1093a/19
Kitemark No	558897	558897
Height (mm)	540	620
Diameter (mm)	162	182
Total width (mm)	277	297
Filled weight (kg)	9.6	13.9
Throw range (m)	5.5	6
Discharge time (secs)	22	30
Working Pressure (bar)	15	15
Temp. Range	+5/+60	+5/+60
Refill code	FR6	FR9
Number per pallet	60	50
Transport Category	UN1044	UN1044



Licence No. KM35021



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MATERIAL SAFETY DATA SHEET

PRODUCT: Fire Fighting Foam Concentrate

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

- 1.1 IDENTIFICATION OF THE PREPARATION: **AFFF 0.5%**
- 1.2 COMPANY IDENTIFICATION
- Fire Depot
Sentura House
3 Lands End Way
OAKHAM
Rutland
LE15 6RB
- 1.4 EMERGENCY TELEPHONE: 01752 770478

2. COMPOSITION/INFORMATION ON INGREDIENTS

- 2.1 Characteristics Aqueous solution of surfactants
- 2.2 Hazardous Components ButylDiGlycol Ether (ButylCarbitol)
(25-30%)

(20-25%)
- Xi: R36/CAS No 112-34-5/EINECS No 203-951-6
AlkylSulphate
- Xi: R36/38
Flourosurfactant (5-10%)
F; R10
Ethanol (10-15%)
F; R11/CAS No 64-17-5/EINECS No: 200-578-6

3. HAZARDS IDENTIFICATION

- 3.1 Health Hazards Irritating to eyes– Tingling feeling
- 3.2 Physical and Chemical Hazards Not flammable
- 3.4 Specific Risks This product is classified as Xi; Irritant under European Directive 1999/45/EC

4. FIRST AID MEASURES

- 4.1 Skin Contact Wash off with water. Remove contaminated soaked clothing and rinse with water
- 4.2 Eye Contact Flush eye with plenty of water for at least 10 minutes
- 4.3 Swallowing Wash mouth with water. Seek medical advice should pain occur and persist



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- 4.4 **Inhalation** If there are any signs on nausea or sickness, seek medical advice

5. FIRE-FIGHTING MEASURES

- 5.1 **Extinguishing media** Not flammable, Fire Fighting foam concentrate.
5.2 **Protective equipment for fire fighters** Standard equipment against fires
5.3 **Portable fire Extinguishers** Basic extinguisher operational and risk identification training is minimum requirement

6. ACCIDENTIAL RELEASE MEASURES

- 6.1 **Personal precautions** Wear impervious clothes, gloves and goggles
6.2 **Environmental protection** Absorb on to sand or other absorbent material and shovel into container for disposal
6.3 **Cleaning Measures**
 - Collecting Pump into clearly identified unbreakable containers
 - Cleaning Wash thoroughly with water
 - Disposal Incineration according to local regulations

7. HANDLING AND STORAGE

- 7.1 **Handling** does not require specific technical equipment
7.2 **Storage**
 - Technical measures Storage area should contain accidental spill
 - Storage conditions Sealed containers in normal cool warehouse
 - Storage recommendations Product in bulk: stainless steel, polyester or mild steel protected with epoxy or polyurethane coating. Tanks in PE, PP7.3 **Packaging materials**
 - Recommended Polyethylene, polypropylene, stainless steel
 - Not advised Mild Steel, iron, aluminium, copper and its alloys
 - Recommended sealing Viton, Kevlar, Teflon

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 **Personal Protective Equipment**
 - Hand protection Impermeable gloves (PVC) if continual handling
 - Eye protection Goggles, emergency eyewasher should be available
 - Body protection Working clothes8.2 **Hygienic Measures**
 - DO NOT eat, drink or smoke while handling the product
 - Clean hands after working with any chemical product



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9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical form Liquid
- Colour/Odour Light Brown/Synthetic smell
- pH at 20°C 8.0 +/- 1.0
- Freezing Point -32°C
- Boiling Point +100°C
- Flammability/oxidising/ explosive properties None
- Specific gravity at 20°C 1020 +/- 20 kg/m³
- Solubility Completely soluble in water

10. STABILITY AND REACTIVITY

- 10.1 Thermal decomposition Stable under normal conditions of use and storage
- 10.2 Hazardous reactions None expected in standard use

11. TOXICOLOGICAL INFORMATION

- 11.1 Acute toxicity None to be expected
- 11.2 Local effects on the eye and skin Irritating to eyes and skin (pure)
Not irritant to eyes and skin at normal concentration of use

12. ECOLOGICAL INFORMATION

- 12.1 Environmental Behaviour
- Biodegradation data COD = 7150mg O₂/l
BOD₅ = 6650mg O₂/l
BOD₁₀ = 6800mg O₂/l
 - Biodegradation rate = 95% after 10 days : GENEX ESC is readily biodegradable
foaming agent if discharged in water
 - Bio accumulative environment PerFlourinated Organic compounds persist in
PFCs are suspected to bio accumulate in living beings
- 12.2 Ecotoxicity
- Aquatic life toxicity Not expected to be toxic after dilution

13. DISPOSAL CONSIDERATIONS

- 13.1 Product
- Prohibition Do not discharge in the environment
 - Disposal Small amounts of product do not interfere with water treatment facilities



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If released in sewage system accidentally it is recommended to restrict where possible and if not to control a slow flow rate in order to avoid any excess foaming. Big quantities must be treated as chemical waste according to local regulations and any volume of material would be deemed a trade waste under local regulations

13.2 Packaging

- Prohibition Do not discharge in the environment
- Cleaning Rinse with plenty of water
- Disposal Incineration or an agreed method of package recycling

14. TRANSPORT INFORMATION

14.1 International Regulations

- Road – RID/ADR Non hazardous
- Sea –OMI/MDG Non hazardous
- Air – ICAO/IATA Non hazardous
- A Pressurised Fire Extinguisher should not be sent by air.
- If sent by road or sea the Classification for a Pressurised Extinguisher is UN1044

15. REGULATORY INFORMATION

15.1 Labelling

- CE regulations Classified
- Hazard symbol Xi
- R Phrases R36/38: Irritating to eyes and skin
- S Phrases S20/21: When using do not eat, drink or smoke
S24: Avoid Contact with skin
S26: In case of contact with eyes rinse immediately with plenty of water and seek medical advice
S28: After contact with skin wash immediately with plenty of water

16. OTHER INFORMATION

Rules of drafting This safety sheet complies with European directive 1907/2006EC Article 31

R Phrases as mentioned in section 3 R10: Flammable
R11: Highly flammable
R36: Irritating to eyes
R36/38: Irritating to eyes and skin



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