

FIRECHIEF XTR FOAM REFILL FOR 6L AND 9L EXTINGUISHERS

6L Extg refill (100ml concentrate) 119-1609 | 9L Extg refill (200ml concentrate) 119-1610

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME Recommended use	AFFF Concentrated foam additive for fire extinguishers (to be diluted for use) to refill Firechief XTR Foam Extinguishers (6L FR6 119-1609 and 9L FR9 119-1610)
MANUFACTURER Address	Firechief Global 3 Lands End Way OAKHAM Rutland LE15 6RB
Email	sales@firechiefglobal.com
Emergency tel	+44 (0)330 999 0019 (office hours 08:00 - 17:00)

SECTION 2. HAZARDS IDENTIFICATION

CLASSIFICATION / REGULATION Physical Hazards Health Hazards Environment Hazards	EC 1272/2008 (CLP/GHS) / Eye damage 1 - H318 Skin Irritation 2 – H315 /
LABEL ELEMENTS Symbols Danger Precaution	GHS05 DANGER H318 Causes serious eye damage H315 Causes skin irritation P264 Wash your hands thoroughly after handling P280: Wear safety clothes, gloves and goggles P305+P351+P338 IF ON EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing P302+P352 IF ON SKIN: Wash with plenty of soap and water P310 Immediately call a POISON CENTER or doctor P332+P313 If skin irritation occurs, get medical attention



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Characteristics Hazardous components	Mixture: Aqueous solution of surfactants AlkylSulfate.....[20 – 25%] CAS # 85338-42-7 / REACH # 01-2119972287-26 Skin Irritant 2; Eye Damage 1 H315. H318 P280. P302+P352. P305+P351+P338. P310. P332+P313 ButylDiGlycol Ether (ButylCarbitol).....[20 – 30%] CAS # 112-34-5 / REACH # 01-2119475104-44 Eye Damage 2 H319 P305+P351+P338
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AlkylBetain.....[1 -5%] CAS # 61789-40-0 Eye Damage 2 H319 P264. P280 FluoroSurfactant.....[5 - 10%] CAS # 34455-29-3 / REACH # 01-2120119140-76
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SECTION 4. FIRST AID MEASURES

Skin contact Eye contact Swallowing Inhalation	Wash off with water. Remove contaminated soaked clothing and rinse with water Flush eye with plenty of water for at least 10 minutes maintaining open eyelids Wash mouth with water. Seek medical advice If there are any signs of nausea or sickness, seek medical advice	
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SECTION 5. FIRE FIGHTING MEASURES

Extinguishing media Specific risks	Firefighting foam concentrate: not flammable Aqueous solution: does not present specific risk in the case of fire
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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Wear impervious clothes, gloves, goggles and safety shoes 
Environmental protection CLEANING MEASURES • Collecting • Cleaning • Disposal	Absorb onto sand or other absorbent material and shovel into container for disposal Pump into clearly identified unbreakable containers Wash thoroughly with water Incineration according to local regulations

SECTION 7. HANDLING AND STORAGE

HANDLING STORAGE • Technical measures • Storage conditions • Storage recommendations PACKAGING MATERIALS • Recommended • Not advised • Recommended sealing	Require protective equipment (see section 8) Storage area should contain accidental spill Sealed containers in normal cool warehouse Product in bulk: stainless steel, polyester or mild steel protected with epoxy or polyurethane coating. Tanks in PE, PP Polyethylene, Polypropylene, stainless steel Mild steel, iron Viton, Kevlar, Teflon
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SECTION 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

<p>PERSONAL PROTECTIVE EQUIPMENT</p> <ul style="list-style-type: none"> • Hand protection • Eye protection • Body protection <p>HYGIENIC MEASURES</p>	<p>Impermeable gloves (PVC) if continual handling Goggles Working clothes, safety shoes</p> <p>Eye washing solution and washer eye cup DO NOT eat, drink or smoke while handling the product Clean hands after working with any chemical products</p>	 
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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<ul style="list-style-type: none"> • Physical form • Colour / Odour • pH at 20°C • Freezing point • Boiling point • Flammability / oxidising / explosive properties • Specific gravity at 20°C • Solubility 	<p>Liquid Brownish / Synthetic smell 8.0 +/- 1.0 -300C +1000C None 1050 +/- 20 Kg/m3 Completely soluble in water</p>
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SECTION 10. STABILITY AND REACTIVITY

<p>Thermal decomposition Hazardous reactions</p>	<p>Stable under normal conditions of use and storage None expected in standard use</p>
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SECTION 11. TOXICOLOGICAL DATA

<p>Acute toxicity Local effects on the eye and skin</p>	<p>Not classified as toxic if swallowed Eye Damage 1 May cause serious eye damage (pure) Skin Irritation 2 Causes skin irritation (pure) Not irritating to eyes and skin at recommended concentration of use of 1%</p>
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SECTION 12. ECOLOGICAL DATA

<p>ENVIRONMENTAL BEHAVIOUR</p> <ul style="list-style-type: none"> • Biodegradation data • Biodegradation rate • Persistency • Bio accumulative • PBT and vPvB assessment <p>ECOTOXICITY</p> <ul style="list-style-type: none"> • Toxicity data • Aquatic life toxicity 	<p>COD = 487 g O2 / l BOD5 = 247 g O2 / l 51% after 5 days; is readily biodegradable PerFluoroCoupounds – PFCs - are persistent in the environment PFCs are suspected to bio accumulate in living beings Classification pending for POP</p> <p>Not available Not expected to be toxic after dilution</p>
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SECTION 13.DISPOSAL CONDITIONS

<p>PRODUCT</p> <ul style="list-style-type: none"> • Prohibition • Disposal <p>PACKAGING</p> <ul style="list-style-type: none"> • Prohibition • Cleaning • Disposal 	<p>Do not discharge in the environment</p> <p>Small amounts of product do not interfere with water treatment facilities</p> <p>If released in sewage system accidentally, it is recommended to control a slow flow rate in order to avoid any excess foaming</p> <p>Do not discharge in the environment</p> <p>Rinse with plenty of water</p> <p>Incineration or an agreed method for package recycling</p>
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SECTION 14.TRANSPORT INFORMATION

<p>INTERNATIONAL REGULATIONS</p> <ul style="list-style-type: none"> • Road - RID/ADR • Sea - OMI/MDG • Air - ICAO/IATA 	<p>Non hazardous</p> <p>Non hazardous</p> <p>Non hazardous</p>
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SECTION 15.REGULATORY INFORMATION

<p>Safety, human health and environmental regulations related to the product</p>	<p>Regulation EC 440/2008 on chemicals</p> <p>Directive 2008/98/EC on waste management</p> <p>Government Regulation 361/2007 for health protection at work</p> <p>Regulation EC 1907/2006 on REACH registration</p> <p>Regulation EC 1272/2008 on classification and labelling of chemicals</p>
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SECTION 16.OTHER INFORMATION

<p>Rules of drafting</p> <p>Relevant Symbols</p> <p>Relevant H Statements</p> <p>Relevant P statements</p>	<p>This Safety Data Sheet complies with European Regulation EC 1272/2008 (CLP/GHS)</p> <p>GHS05 DANGER</p> <p>H315. H318</p> <p>P264. P280. P305+P351+P338. P302+P352. P310. P332+P313</p>
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