

FIRECHIEF XTR WET CHEMICAL EXTINGUISHER (CONTENTS) - MODELS FXWC2, FXWC3 & FXWC6

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

TRADE NAME	XTR WET CHEMICAL / FAT SEAL FIRE EXTINGUISHER AGENT (at intended usage within an extinguisher concentration)
Recommended use	Fire extinguisher media containing Wet Chemical additive intended for use against type A, B and specifically F (fat) fires.
MANUFACTURER	Firechief Global
Address	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	EC 1272/2008 (CLP/GHS)
Physical Hazards	/
Health Hazards	Eye damage 2 - H319
Environment Hazards	/
LABEL ELEMENTS	
Symbols	GHS07 ATTENTION
Danger	H319 Causes serious eye irritation
Precaution	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 P337+P313 If eye irritation persists, get medical attention



SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Characteristics	Mixture: Aqueous solution of surfactants
Hazardous components	AlkylEtherSulfate.....[0.5-2.5%] CAS # 85338-42-7 Skin Irritant 2; Eye Damage 1 H315. H318 P280. P302+P352. P305+P351+P338. P310. P332+P313 ButylDiGlycol Ether (ButylCarbitol).....[2.5-5%] CAS # 112-34-5 Eye Damage 2 H319 P305+P351+P338 Fluorosurfactant.....[0.5-2.5%]

SECTION 4. FIRST AID MEASURES

Skin contact	Wash off with water. Remove contaminated soaked clothing and rinse with water
Eye contact	Flush eye with plenty of water for at least 10 minutes maintaining open eyelids
Swallowing	Wash mouth with water. Seek medical advice
Inhalation	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

PERSONAL PROTECTIVE EQUIPMENT • Hand protection • Eye protection • Body protection HYGIENIC MEASURES	Impermeable gloves (PVC) if continual handling Goggles Working clothes, safety shoes 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  
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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 Yellow / Synthetic smell 8.0 +/- 1.0 -6°C +100°C None 1020 +/- 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 Irritant 2 May cause eye irritation (pure) Not irritating to eyes and skin at recommended concentration of use up to 50%</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 not available BOD5 not available FATSEAL 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 Small amounts of product do not interfere with water treatment facilities 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 Rinse with plenty of water Incineration or an agreed method for package recycling</p>
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SECTION 14. TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS	
• Road - RID/ADR	Non hazardous
• Sea - OMI/MDG	Non hazardous
• Air - ICAO/IATA	Non hazardous

SECTION 15. REGULATORY INFORMATION

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

Rules of drafting Relevant Symbols Relevant H Statements Relevant P statements	This Safety Data Sheet complies with European Regulation EC 1272/2008 (CLP/GHS) GHS07 ATTENTION H319 P280. P305+P351+P338. P337+P313
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