

FIRECHIEF XTR WET CHEMICAL EXTINGUISHERS

Product Code: 100-1214 (FXWC3)



The Firechief brand 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
- Designed, developed and tested in UK
- MED approval for appropriate models
- Corrosion resistant finish
- Multi-purpose application
- Squeeze grip operation
- Internal polyethylene lining
- Approved to 35kV dielectric test

	FXWC3
Capacity (litre)	3
Fire Rating	13A 70B 40F
MED	Yes
35kv Dielectric test	Yes
LPCB Cert no	1093a/22
Height (mm)	440
Cylinder diameter (mm)	130
Overall width (mm)	210
Filled weight (kg)	5.4
Range of throw (m)	4.2
Discharge time (secs)	14
Working pressure at 20°C (bar)	9
Temperature range (°C)	+5/+60
Sold	Singles
Pallet quantity	96
Refill code	WCR3



MATERIAL SAFETY DATA SHEET

PRODUCT: **Wet Chemical Extinguishant**

1. IDENTIFICATION OF THE PREPARATION AND OF THE COMPANY

- 1.1 IDENTIFICATION OF THE PREPARATION: **Wet Chemical Concentrate**
- 1.2 COMPANY IDENTIFICATION
- Fire Depot
Sentura House
3Lands End Way
OAKHAM
Rutland
LE15 6RB
- 1.4 EMERGENCY TELEPHONE: 0808 100 2090

2. COMPOSITION/INFORMATION ON INGREDIENTS

Characteristics	Aqueous solution of surfactants	
Hazardous components	ButylDiGlycol Ether (ButylCarbitol)	5-10%
	Xi; R36/CAS No: 112-34-5/EINECS No: 203-951-6	
	AlkylSulphate	1-5%
	Xi; R36/38	
	Flourousurfactant	1-5%
	F; R10	

3. HAZARDS IDENTIFICATION

Health Hazards	
Main symptoms	Irritating to eyes and skin
Physical and chemical hazards	
Fire or explosion	Not flammable
Specific risks	This product is classified as Xi: Irritant under European directive 1999/45/EC



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4. FIRST AID MEASURES

Skin contact	Wash off with water. Remove contaminated soaked clothing and rinse with water
Eye contact minutes	Flush eye with plenty of water for at least 10 minutes
Swallowing	Wash mouth with water. Seek medical advice should pain occur and persist
Inhalation	If there are any signs of nausea or sickness, seek medical advice

5. FIRE-FIGHTING MEASURES

Extinguishing media	Not applicable. Fire fighting foam concentrate
Protective equipment for fire fighters	Standard equipment against fires
Portable fire extinguishers	Basic extinguisher operational and risk identification training is minimum requirement

6. ACCIDENTIAL RELEASE MEASURES

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

7. HANDLING AND STORAGE

HANDLING:	Standard equipment against chemicals
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, PP
PACKAGING MATERIALS:	
Recommended	Polyethylene, Polypropylene, stainless steel
Not advised	Mild steel, iron, aluminium, copper and its alloys
Recommended sealing	Viton, Kevlar, Teflon



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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE

EQUIPMENT:

Hand protection	Impermeable gloves (PVC) if continual handling
Eye protection	Goggles
Body protection	Working clothes

HYGIENIC MEASURES:

DO NOT eat, drink or smoke while handling the product
Clean hands after working with any chemical products

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form	Solubility liquid
Colour / Odour	Light orange / Synthetic smell
pH at 20°C	8.0 +/- 1.0
Freezing point	-15°C
Boiling point	+100°C
Flammability / oxidising / explosive properties	None
Specific gravity at 20°C	1040 +/- 20 Kg/m ³
Solubility	Completely soluble in water

10. STABILITY AND REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL

BEHAVIOUR:

COD = Not available mg O₂ / l

Biodegradation data (50%
volume) BOD₅= Not available mg O₂ / l

Biodegradation rate

Bio accumulative

BOD₁₅ = Not available mg O₂ / l

= 99% after 15 days : FATSEAL is readily
biodegradable

ECOTOXICITY:

Aquatic life toxicity

Foaming agent if discharged in water

PerFluorinated Organic Compounds persist in
environment

PFCs are suspected to bio accumulate in living
beings

Not expected to be toxic after dilution

13. DISPOSAL CONSIDERATIONS

PRODUCT:

Prohibition

Disposal

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 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.

PACKAGING:

Prohibition

Cleaning

Disposal

Do not discharge in the environment

Rinse with plenty of water

Incineration or an agreed method for package
recycling



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14. TRANSPORT INFORMATION

INTERNATIONAL REGULATIONS

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

15. REGULATORY INFORMATION

LABELLING

CE regulations	Classified
Hazard symbols	Xi
R phrases	R 36/38: Irritating to eyes and skin
S phrases	S 20/21: When using do not eat, drink or smoke
	S 24: Avoid contact with skin
	S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S 28: After contact with skin, wash immediately with plenty of water

16. OTHER INFORMATION

Rules of drafting	This Material Safety Data Sheet complies with European directive 1907/2006EC
R Phrases as mentioned in section 3	Article 31 R36: Irritating to eyes R10: Flammable R36.38: Irritating to eyes and skin



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