

FIRECHIEF XTR WET CHEMICAL EXTINGUISHERS

Product Code: FXWC2



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

	FXWC2
Capacity (litre)	2
Fire Rating	8A 34B 25F
MED	Yes
35kv Dielectric test	Yes
LPCB Cert no	1093a/21
Height (mm)	405
Cylinder diameter (mm)	110
Overall width (mm)	110
Filled weight (kg)	3.8
Range of throw (m)	3.3
Discharge time (secs)	13
Working pressure at 20°C (bar)	9
Temperature range (°C)	+5/+60
Sold	Singles
Pallet quantity	108
Refill code	WCR2



Licence No. KM35021

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

4. FIRST AID MEASURES



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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

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT:



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Hand protection
Eye protection
Body protection

HYGIENIC MEASURES:

Impermeable gloves (PVC) if continual handling
Goggles
Working clothes
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:

Biodegradation data (50% volume)	COD = Not available mg O ₂ / l
	BOD ₅ = Not available mg O ₂ / l



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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

14. TRANSPORT INFORMATION

**INTERNATIONAL
REGULATIONS**

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

Non hazardous
Non hazardous
Non hazardous

15. REGULATORY INFORMATION



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LABELLING

CE regulations
Hazard symbols
R phrases
S phrases

Classified
Xi
R 36/38: Irritating to eyes and skin
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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