

FIRECHIEF XTR WET CHEMICAL EXTINGUISHERS

Product Code: FXWC6



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

| | FXWC6 |
|--------------------------------|--------------|
| Capacity (litre) | 6 |
| Fire Rating | 21A 113B 75F |
| MED | Yes |
| 35kv Dielectric test | Yes |
| LPCB Cert no | 1093a/23 |
| Height (mm) | 540 |
| Cylinder diameter (mm) | 162 |
| Overall width (mm) | 240 |
| Filled weight (kg) | 9.6 |
| Range of throw (m) | 6 |
| Discharge time (secs) | 34 |
| Working pressure at 20°C (bar) | 9 |
| Temperature range (°C) | +5/+60 |
| Sold | Singles |
| Pallet quantity | 60 |
| Refill code | WCR6 |



MATERIAL SAFETY DATA SHEET



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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

| | |
|--------------|---|
| Skin contact | Wash off with water. Remove contaminated soaked clothing and rinse with water |
|--------------|---|



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| | |
|------------------------|---|
| Eye contact minutes | Flush eye with plenty of water for at least 10 |
| 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. ACCIDENTAL 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:

| | |
|-----------------|--|
| 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



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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 |
| Biodegradation rate | BOD ₅ = Not available mg O ₂ / l |
| Bio accumulative | BOD ₁₅ = Not available mg O ₂ / l = 99% after 15 days : FATSEAL is readily biodegradable |

ECOTOXICITY:



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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



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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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