



FFFP / AR-FFFP



FFFP 3% / 6%

AR-FFFP 3% X 3% 3% X 6%

PRODUCT DESCRIPTION

FireChem FFFP is a unique combination of a rapid fire knockdown quality of conventional film forming AFFF with a tough cohesive foam blanket based on protein base material, providing high level of post fire security and burn back resistance as a top quality fluoro protein.

FireChem FFFP's formulation is based on advanced protein foam technology containing hydrolysed protein, fluorochemical surface active agent and preservatives to achieve the maximum synergetic effect.

FireChem AR-FFFP is multi-purpose natural protein based foam for use on a wide range of both hydrocarbon and polar solvent fuel fires. Our product contains special hydrophilic polymers producing a thick layer if applied on chemicals. It generates a fast flowing foam resistant against burn back with high insulating protection to heat and chemical destruction, if applied on any kind of fuel. It is suitable with all types of known equipment and is also compatible dry chemical powders.

FEATURES

- Film Forming for fast flame knock down and extinguishing.
- Stable and long lasting foam blanket for excellent burn back resistance and post-fire security.
- Detergent free for high resistance of fuel pick up.
- Foam blanket seals when ruptured by personnel or equipment.
- Readily bio degradable and virtually non-toxic. It is based on natural protein foaming agent and contains no harmful synthetic detergent.

APPLICATIONS

FireChem FFFP / AR-FFFP is used in high risk situations where hydrocarbons (such as aviation kerosene, crude oil, gasoline and diesel fuel) are stored, processed or transported. It is used extensively on rapid intervention vehicles at major international airports and military bases where fast extinguishment and post-fire security with limited quantities of foam concentrate is essential. FireChem FFFP foam concentrate provides quality protection for a wider range of hazardous areas such as :

- Airport crash fire rescue
- Aircraft hanger fire protection system
- Military equipment bases
- Truck / Rail loading and unloading facilities
- Docks / Marine tankers
- Flammable liquid contaminated areas
- Mobile equipment

SPECIFICATIONS

PRODUCT	FFFP 3	FFFP 6	AR - FFFP 3 X 3	AR FFFP 3 X 6
USE CONCENTRATION	3%	6%	3%	3% - 6%
SPECIFIC GRAVITY	1.08 ± 0.03	1.06 ± 0.03	1.08 ± 0.03	1.08 ± 0.03
pH @ 20°C	7.5 ± 0.5	7.5 ± 0.5	7.5 ± 0.5	7.5 ± 0.5
VISCOSITY @ 20°C	< 20 CST	< 20 CST	1750 ± 500 CST	1500 ± 500 CST
FREEZING POINT	-8°C	-8°C	-15°C	-15°C
POUR POINT	-7°C	-7°C	-14°C	-14°C
STORAGE TEMPERATURE	+1.7°C MINIMUM +50°C MAXIMUM	+1.7°C MINIMUM + 50°C MAXIMUM	+1.7°C MINIMUM + 50°C MAXIMUM	+1.7°C MINIMUM + 50°C MAXIMUM
FOAM EXPANSION	LOW > 7	LOW > 7	LOW > 7	LOW > 7
25% DRAINAGE TIME	3 MINUTES	3 MINUTES	8 MINUTES	8 MINUTES 12 MINUTES

STORAGE AND HANDLING

FireChem FFFP / AR-FFFP may be stored in its shipping container without change in its original physical or chemical characteristics. Shelf life is expected to be 10-15 years or more when stored at recommended temperatures and in original containers.

If the FireChem FFFP / AR-FFFP is to be stored in an atmospheric type foam concentrate storage tank whether on mobile apparatus or stationary, limit the air space above the surface of the concentrate where possible and place a thin layer of quality mineral oil the surface of the foam concentrate to minimize any effect from evaporation.

ENVIRONMENTAL IMPACT

FireChem FFFP / AR-FFFP is biodegradable, low in toxicity and can be treated in sewage treatment plants.

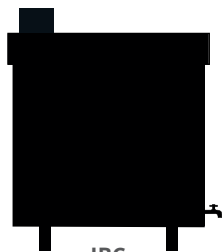
PACKAGING



Jerrycan
20/25/30 Liter



Drum
200 Liter



IBC
1000 Liter

APPROVALS



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