

FFFP 3% / 6% AR-FFFP 3% 3% 3% 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 fluro protein.

FireChem FFFP's formulation is based on advanced protein foam technology containing hydrolised 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 last flame know down and extinguishingment.
- Stable and long lasting foam blanket for excellent burn back ressistance and post-fire security.
- Detergent free for high ressistance of fuel pick up.
- Foam blanket tree-seals when ruptured by personel or equipment.
- Readily bio degradable and virtually non-toxic. It is based on natural protein foaming agent and contains no harmful synthetic detergant.

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 vehicals at major international airports and military basses were fast extinguishment and post-fire security with limited quantities of foam concentrate 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

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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℃	-15° C	
POUR POINT	-7℃	-7℃	-14℃	-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	X
FOAM EXPANSION	LOW > 7	LOW > 7	LOW > 7	LOW > 7	
25% DRAINAGE TIME	3 MINUTES	3 MINUTES	8 MINUTES	8 MINUTES 12 MINUTES	Y

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.

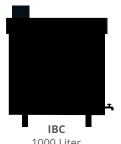
ENVIRONMENTAL IMPACT

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

PACKAGING



Drum



APPROVALS





ate States





Jerrycan 20/25/30 Liter







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