

IFP AR FP PLATINUM 3/6

Alcohol Resistant Fluoroprotein Foam Concentrate

DESCRIPTION

IFP AR FP PLATINUM 3/6 combines the fire fighting efficiency of conventional FP for rapid knock down and burn-back resistance both for hydro carbon & polar solvent fuels fire hazards. IFP AR FP PLATINUM 3/6 concentrate is produced from hydrolysed Protein Concentrate, special type of fluorinated surface active agent in combination with biopolymer, stabilizer and preservatives to make it suitable for protection of high risk areas. It is a multipurpose foam liquid useful both for hydrocarbon fuel fires as well as polar solvent fuel fires. It contains natural protein and no harmful synthetic detergents. When mixed with water and discharged through proper discharge devices it makes stable fluid foam which covers the burning fuel rapidly leading to faster extinction and ensures superior burn-back character. The foam is highly resistant to fuel pick-up and therefore creates very stable foam blanket over the fuel surface.

PROPERTIES

Appearance	Deep Brown Liquid
pH	6.0 - 8.0
Specific Gravity	1.12 - 1.15 gm/ml
Viscosity	Less than 200 cst
Sludge Contents (% V/V)	Less than 0.2%
Pour Point	(-)8°C

APPLICATIONS

IFP AR FP PLATINUM 3/6 is intended for use at 3% proportioning on hydrocarbon fuels and 6% proportioning on polar fuels. It can be used with fresh and salt water. It is extensively used in oil and petrochemical industries for hydrocarbon, MTBE and blended unleaded gasoline storage tank fire protection and solvent industries. It is suitable for use in special appliances like road/rail loading racks, power stations, marine terminals and airports. IFP AR FP PLATINUM 3/6 can be applied directly onto the fire surface or fixed foam discharge device depending on the characters of the fuel.

PROPORTIONING

IFP AR FP PLATINUM 3/6 can easily be proportioned using conventional equipments

- Fixed and Portable In-line Inductors
- Balanced Pressure and variable flow proportioning systems.
- Bladder tanks.
- Around the pump inductor.
- Self inducing branchpipes and nozzles.

DISCHARGE DEVICES

- Foam chambers
- Air aspirating foam nozzles.
- Air aspirating sprinkler heads and spray nozzles
- Medium Expansion Branchpipes.
- Foam Pourer
- Monitors

STORAGE/SHELF LIFE

When stored in the supplied packing and stored within the temperature range of (-)8°C - 49°C (18°F - 120°F) a shelf life of more than 5 years is expected. Freezing and thawing will have no impact on the performance.

COMPATIBILITY

IFP AR FP PLATINUM 3/6 is compatible with soft, hard, brackish or salt water. It can be used in combination with Dry powder extinguishing agents either separately or as twin agent systems.

IFP AR FP PLATINUM 3/6 shall not be mixed with other manufacturers foam concentrate except for use in emergency situations.

ENVIRONMENTAL AND TOXICOLOGICAL INFORMATION

IFP AR FP PLATINUM 3/6 is biodegradable, low toxicity. However, as with any substance, care should be taken to prevent discharge from entering ground water, surface water, or storm drains. It can be treated in sewage treatment systems. Since facilities vary widely by location, disposal or discharge of IFP AR FP PLATINUM 3/6 concentrate or foam solution should be made in accordance with local government rules and regulations.

IFP AR FP PLATINUM 3/6 does not contain harmful synthetic surfactants and glycol ethers.

For further details see IFP AR FP PLATINUM 3/6 Material Safety Data Sheet.

APPROVALS AND LISTING

- Type approved by Indian Register of Shipping

STANDARDS

- IMO MSC/Circ. 582 & 799
- EN 1568-3 & 4

STANDARD PACKING SPECIFICATION

Container Shape	Rectangular HM-HDPE	Rectangular HM-HDPE	Cylindrical HM-HDPE
Capacity	20 Ltrs	30 Lts	200 Lts.
Empty Weight	1.2 Kgs	1.8 kgs	9.0 kgs
Nominal Dimensions (mm)	H W B 357 282 278	H W B 495 242 380	H D 915 585

Container capacity and seaworthy packing also complied with customers' requirements

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