



IFP WA

Wetting Agent

DESCRIPTION

IFP WA, is a wetting agent to water which reduces surface tension of water enormously and working as a penetrating agent. It reduces the use of water quantity due to high penetration and relatively quicker extinction. IFP WA is composed of highly effective specialized surface active agent in combination with anticorrosive agent and stabilizers, which greatly improves the life of the storage tank and the equipment. It is highly concentrated agent and designed for use at a concentration as low as 0.1%. It is a fluorine free concentrate and readily biodegradable.

PROPERTIES

Appearance	Colourless Liquid
pH	7.0 - 8.0
Specific Gravity	1.00 to 1.04 gm/ml
Viscosity	Less than 10 cst
Sludge Contents (% V/V)	Nil
Surface Tension (0.1% soln)	28 dynes/cm
Pour Point	(-)5°C

APPLICATIONS

IFP WA Concentrate is basically an additive to water and is intended for use on Class A combustible fires. Its low surface tension demonstrates the excellent wetting characteristics needed to efficiently combat Class A fires. The IFP WA concentrate is not suitable for use on any liquid fuel, i.e, Class B fires. It is useful as premixed solution as well as with suitable inductors/proportioners..

Recommended concentration for use 0.1 - 0.5%. In case of shallow fire it can be used as 0.1% and for use in very deep seated fires recommended concentration is 0.5% .

PROPORTIONING

IFP WA 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 inducting branchpipes and nozzles

STORAGE/SHELF LIFE

IFP WA should be stored in plastic/plastic lined containers. For bulk storage, stainless steel or mild steel tanks with internal epoxy coating is recommended. If stored in original container at below 50°C, an indefinite storage life can be expected. For a short period, maximum storage temperature up to + 65°C should not be harmful. IFP WA concentrate can be defrozen / thawed without change in

COMPATIBILITY

IFP WA is compatible with soft, hard, brakish or salt water. It can be used in combination with Dry powder extinguishing agents either separately or as twin agent systems.

IFP WA shall not be mixed with other manufacturers foam

ENVIRONMENTAL AND TOXICOLOGICAL INFORMATION

IFP WA is biodegradable, non-toxic foam concentrate. 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 WA concentrate or foam solution should be made in accordance with local government rules and regulations.

For further details see IFP WA Material Safety Data Sheet.

STANDARDS

- NFPA 18

STANDARD PACKING SPECIFICATION

Container Shape	Rectangular	Rectangular	Cylindrical	Rectangular
Material	HM-HDPE	HM-HDPE	HM-HDPE	HM-HDPE
Capacity	20 ltr	30 ltr	200 ltr.	1000 ltr.
Empty Weight	1.2 kgs	1.8 kgs	9.2 kgs	57 kgs
Nominal Dimensions (mm)	L W H 280 250 390	L W H 320 290 425	D H 590 915	L W H 1200 1000 1155

Container capacity and seaworthy packing also complied with customers' requirements

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