

FOAM CONCENTRATE ENVIRONMENTALLY FRIENDLY FOAM AG-AR-FFFP 3x3



DESCRIPTION

AG-AR-FFFP 3x3 is Protein based, which gives good sealing and excellent burn back resistance when used as a fire-extinguishing agent. AG-AR-FFFP 3x3 is formulated with hydrolysed protein, fluoro chemicals, metal salts, special stabilizers and preservatives to give the best performance and satisfactory storage.

AG-AR-FFFP 3x3 is suitable for fighting fires both of hydrocarbon fires and polar solvent fires. Unique properties are great foam stability, exceptional burn back resistance and high sealing power.

AG-AR-FFFP 3x3 should be used as a 3% proportioned solution in fresh or sea water. It may be also used and stored as 3% pre-mix in fresh/portable water. The advantage of Protein Foam as well as that of alcohol resistant foam helps the fire fighter to fight any type of fire.

FEATURES

- Complies to UK DEF 42/40 Issue 1, ICAO DOC9137-AN898 Part 1
- Suitable for use on hydrocarbon or polar solvent type fuels
- Excellent wetting characteristics when used in combating Class A fuel fires
- Suitable for use with carbon steel, fiberglass, polyethylene or stainless steel is not compatible with galvanized pipe or fittings in an undiluted form
- Suitable for use with all siliconized dry chemical extinguishing agents
- Compatible with other AR-FFFP concentrates of equal quality
- Good Sealing Effect on hot metal surfaces

APPLICATIONS

AG-AR-FFFP 3x3 will provide quality protection for a wide range of hazardous areas such as:

- Crash Fire Rescue
- Defense Facilities
- Storage tanks
- Truck/Rail loading or unloading facilities
- Processing/Storage facilities
- Docks/Marine tankers
- Flammable liquid containment areas
- Mobile equipment

DISCHARGE DEVICES

AG-AR-FFFP 3x3 is suitable for use with the following discharge devices:

- Foam Chambers
- Air-aspirating and non air-aspirating sprinkler heads or spray nozzles
- Standard water fog nozzles for hand lines and monitors
- Air-aspirating foam nozzles.
- Foam Makers for use with either Floating Roof Storage tanks or Dike/Bund protection systems
- High back pressure foam makers for subsurface base injection system (hydrocarbon type fuels only)

PROPORTIONING

AG-AR-FFFP 3x3 is designed for use with the following types of proportioning equipment:

- Fixed or portable in-line eductors
- In-line balanced pressure and pump pressure proportioning skid
- Bladder tank proportioning systems
- Handline, air-aspirating nozzles with fixed eductor pickup tube
- Around the pump proportioners

PERFORMANCE

The fire performance of AG-AR-FFFP 3x3 is measured against **UK DEF 42/40 Issue 1**

TYPICAL SPECIFICATION

PRODUCT	AG-AR-FFFP 3x3
USE CONCENTRATION	3%
SPECIFIC GRAVITY	1.05 ± 0.02 g/ml
PH	7.2 ± 0.5
VISCOSITY @ 20°C	< 40 cst
SUSPENDED SEDIMENT (V/V)	< 0.5 %
FREEZING POINT	-15°C
POUR POINT	-13°C
STORAGE TEMPERATURE	1.7°C - 49°C
FOAM EXPANSION	Low > 7
FOAM DRAINAGE 25%	4 minutes minimum

STORAGE AND HANDLING

AG-AR-FFFP 3x3 may be stored in its shipping container without change in its original physical or chemical characteristics. Shelf life is expected to be 20 years or more when stored at recommended temperatures and in original containers.

AG-AR-FFFP 3x3 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

AG-AR-FFFP 3x3, AG-FFFP 3% is biodegradable, low in toxicity and can be treated in sewage treatment plants.

Ordering Information	
AG-AR-FFFP 3x3- JA	20L Jerry can
AG-AR-FFFP 3x3- JB	25L Jerry can
AG-AR-FFFP 3x3- D	200L Drum
AG-AR-FFFP 3x3- IBC	1000L IBC

Note: We reserve the right to modify specifications without prior notice.

APPROVALS

Quality Management System approved to

- ISO 9000 : 2000
- ISO 14000 : Environmental Management

UL (USA) Quality Standard UL 162:

- Foam Quality Tests
- Class B Fire Test
- Foam Identification Tests
- Tests of Shipping Containers