FOAM CONCENTRATE

Model AG-ME 6% F-ECO

High expansion synthetic foam concentrate

EN 1568
Part 1, 2 & 3

PRODUCT DESCRIPTION

AG-ME 6% F-ECO is a synthetic firefighting foam concentrate which can be used at the specified concentration to produce stable foam in order to fill large spaces. This extinguishing agent is suitable for use with most types of proportioning and discharge equipment, and it can be used in low medium and high expansion.

This foam concentrate provides excellent control and extinguishments of Class A (paper, wood, fibers, textile,…) and Class B (hydrocarbon fuels: gasoline, oil…) in flooding fire areas.

TECHNICAL DATA

Model	AG-ME 6% F-ECO
Use concentration	6% on hydrocarbons 5% on liquid gas installation (LNG & LPG)
Fire classes	A and B
Specific gravity (at 20ºC)	1,04 ± 0,02 g / ml
PH (at 20ºC)	6,0 – 9,5
Viscosity (at 20ºC)	< 20 mPa·s
Storage temperature	-12ºC to +40ºC (10,4ºF to 104ºF)
Freezing point (solidification temperature)	-15ºC (5ºF)

APPLICATIONS

This foam concentrate will provide 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.
- Liquid gas installation.

FEATURES

This foam concentrate is:

- Suitable for use with non-aspirating equipment such as fog nozzles and water spray systems.
- Suitable with dry chemical powders such as ABC and BC powers.
- Suitable for use with either fresh or salt water.
- Suitable for use with deluge or closed head foam water sprinkler systems.

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DISCHARGE DEVICES

This foam concentrate is suitable for use with the following discharge devices:

- Foam Chambers.
- Non air-aspirating sprinkler heads or spray nozzles.
- Standard water fog nozzles for handlines and monitors.
- 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

This foam concentrate 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.
- Fire pump proportioners.

STORAGE AND MAINTENANCE

AG-ME 6% F-ECO 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. It does not show significant sedimentation or precipitation in storage or after temperature cycling.

The concentrate must be stored at temperatures between -12ºC and +40ºC.

Synthetic foam concentrates should only be stored in stainless steel (Type 304L or 316), reinforced fiberglass polyester with a vinyl ester resin internal layer coating or plastic containers.

The physical properties and specifications of the foam concentrate should be tested after 5 years from the production date, and thereafter retested each year.

ENVIRONMENTAL IMPACT

This foam concentrate is biodegradable, more than 90% is expected to be biologically degradable within 28 days.

TOXICITY

This foam concentrate is low in toxicity to humans or animals and can be treated in sewage treatment plants.

ORDERING INFORMATION

Specify:

Model	
Concentration	
Homologations	
Quantity	AG-ME 6% F-ECO – JA 20 L Jerry can AG-ME 6% F-ECO – JB 25 L Jerry can AG-ME 6% F-ECO – D 200 L Drum AG-ME 6% F-ECO – IBC 1000 L IBC

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