Fomtec® Alpha B -30 NE

foam premix

Description

Fomtec Alpha B -30 NE (also called Fomtec AB-30 NE) is a ready to use (premixed) film forming foam solution for fires of class A and B. Unlike regular AFFF premixes, Fomtec Alpha B -30 NE has excellent storage stability of at least 5 years under correct storage conditions. The product has superior fire performance on class A fires compared with regular AFFF premix solutions. Fomtec Alpha B -30 NE is freeze protected to –30°C and can be used in extinguishers or systems that will be stored / installed in cold areas.

Application

Fomtec Alpha B -30 NE is intended for use on class A and B fires. It can be used with both aspirating and non-aspirating discharge devices. It is compatible with all dry chemical powders.

Fomtec Alpha B -30 NE can be used in:

- Fire extinguishers
- Foams systems

The equipment should be designed to the foam type.

Fire Performance & Foaming

Fomtec Alpha B -30 NE has been designed to give the best properties of:

- Aqueous film forming foam
- Class A fire extinguishing agent

The fire performance of this product has been measured and documented according to "International Approvals" and “Technical data” stated in this document. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average expansion 6:1, average ¼ drainage time 19:00 minutes using UNI 86 test nozzle.

Compatibility

Contact one of the Fomtec sales team with questions.

Environmental impact

Fomtec Alpha B -30 NE is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec Alpha B -30 NE is biodegradable. The handling of spills of concentrate or foam solution should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution based on this type of foam concentrate, but local sewage operators should be consulted in this respect.

Full details will be found in the Material Safety Datasheet (MSDS).

Technical data

Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,04 +/- 0.01 g/ml
Viscosity at 20°C	≤ 30 mPas
pH	6,5 – 8,5
Freezing point	-30°C
Recommended storage temperature	-30 - 55°C
Suspended sediment (v/v)	Less than 0,2%
Surface tension	≤ 19,0 dynes/cm
EN 1866-1 rating using 50 liter foam trolly	A and IV B

Storage / Shelf life

Stored in original unbroken packaging the product will have a long shelf life. Shelf life of at least 5 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. If the product is frozen during storage or transport, thawing will render the product completely usable.
Synthetic foam concentrates should only be stored in stainless steel or plastic containers. Since electrochemical corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates. We recommend following our guidelines for storage and handling ensuring favourable storage conditions.

Packaging

We supply this product in 25 litre cans and 200 litre drums. We can also ship in 1000 litre containers or in bulk.

Litres per piece	Packaging	Part no
25 litres	Can	14-0003-01
200 litres	Drum	14-0003-02
1000 litres	Container	14-0003-04
Bulk	Special request	

International Approvals

- EN 1866 part I

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