

FOMTEC® Alpha B -30

Film forming ready-to-use foam premix

fomtec
Fire Fighting Foams & Equipment



Fomtec® Alpha B -30

FOMTEC Alpha B -30 NE

Fomtec Alpha B -30 (also called Fomtec AB -30) is a ready to use (premixed) film forming foam solution for fires of class A and B. Fomtec AB -30 utilises the unique film forming effect to cut off oxygen supply to the fire and the oleophobic properties of the foam enables a stable foam blanket to suppress reignition of the fire.

- Short chain C6 Pure fluorochemistry
- Premix ready to use
- Low freezing point -30°C
- Suitable for Class A and B fires
- Good storage stability



DESCRIPTION

Unlike regular AFFF premixes, Fomtec AB -30 has excellent storage stability in excess of 10 years under correct storage conditions. The product has superior fire performance on class A fires compared with regular AFFF premix solutions. Fomtec AB -30 is freeze protected to -30°C and can be used in extinguishers or systems that will be stored or installed in cold areas.

APPLICATION

Fomtec Alpha B -30 is intended for use on class B hydrocarbon fuel fires such as oil, diesel, gasoline and aviation fuels. Fomtec Alpha B -30 is effective against class A fires such as wood, paper, textiles etc. It can be used with both aspirating and non-aspirating discharge devices. It is compatible with all dry chemical powders. Fomtec Alpha B -30 can be used in:

- Fire extinguishers
- Foam systems

The equipment should be designed to the foam type.

FIRE PERFORMANCE & FOAMING

Fomtec Alpha B -30 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 25% drainage time 19:00 minutes using UNI 86 test nozzle.

COMPATIBILITY

Fomtec Alpha B -30 can be used together with foam compatible powders and other expanded foams. For material compatibility please refer to Fomtec Technical Advices FTA 20 addressing the topic.

Volume per piece	Packaging	Part no	Approx. shipping weight*	Dimensions (mm) L x W x H
25 ltr	Can	14-0004-01	28,95 kg	295 x 260 x 441
200 ltr	Drum	14-0004-02	230,5 kg	581 x 581 x 935
1000 ltr	Container	14-0004-04	1170 kg	1200 x 1000 x 1150
Bulk	Special request	14-0004-XX		

* including packaging.

TYPICAL DATA

Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,10 +/- 0.01 g/ml
Viscosity at 20°C	≤ 30 mPas
Surface tension	≤ 19,0 dynes/cm
pH	6,5 – 8,5
Freezing point	-30°C
Recommended storage temperature	-30 - 55°C
Suspended sediment (v/v)	Less than 0,2%

ENVIRONMENTAL

Fomtec Alpha B -30 is formulated using raw materials specially selected for their fire performance and their environmental profile. All raw materials are registered in European REACH-database. Fomtec Alpha B -30 is non-toxic, biodegradable and each individual component is fully tested and documented. Fomtec only use C6 Pure fluorosurfactants in our Alpha formulations. Our film forming products contains no PFOS or PFOA in accordance with US EPA Stewardship Program 2010/15 and EU Directive 2017/1000. More details can be found in the Material Safety Datasheet (MSDS).

The disposal of spills of concentrate or premix foam solution should be made in accordance with local regulations. For more detailed information please consult our Fomtec Technical Advices FTA 40.

STORAGE / SHELF LIFE

Stored in original unbroken packaging the product will have a long shelf life. Shelf life in excess of 10 years will be found in temperate climates. As with all foams, shelf life will be dependent on storage temperatures and conditions. For storage recommendations and material compatibility please refer to our Fomtec Technical Advices FTA 10 addressing the topic.

PACKAGING

We supply this product in 25 litre and 5 US gallon cans, 200 litre and 55 US gallon drums, 1000 litre and 265 US gallon IBC containers. Larger bulk supply is available on special request.

INTERNATIONAL APPROVALS

- EN 1866 part I rating A and IV B (50 ltr foam trolley)