

Features

Ready-to-use foam solution
Low freezing point -35°C
For use in extinguishers and foam systems
Suitable for all class A fires
Biodegradable

Description

Fomtec Alpha A -35 is a new generation of premixed firefighting agents. It is a ready-to use foam solution for extinguishing and inhibiting combustible material fires. Fomtec Alpha A is a specially selected blend of surfactants and anti-freeze agents to combine high fire performance with the low freezing point of -35°C for use on Class A fires.

Fomtec Alpha A has been designed to have long shelf life. It does not contain any hazardous substances and do not require any special labelling when transported.

Thanks to its unique properties with combined low pour point, high fire performance and good shelf life it can be stored and installed in cold areas.

Application

Fomtec Alpha A is intended to be used on all Class A applications where traditional foam proportion is not possible due to lack of water flow, pump capacity or freeze protection. It can be used with aspirated as well as non-aspirated discharge devices.

Fomtec Alpha A can be used in:

- Fire extinguishers
- Fixed and mobile foam systems
- CAFS systems

The equipment should be designed to the foam type to achieve optimal performance.

Fire Performance & Foaming

Fomtec Alpha A -35 has been designed to give the best properties of:

- Class A fire extinguishing agent
- Wetting capability

The foaming properties are depending on the foam discharge device. Typical values with a UNI 86 foam test nozzle give an expansion index of about 6,5 and a 25% drainage time of over 10 minutes.

Proportioning

Fomtec Alpha A is a ready-made premix solution and should be used as supplied without any dilution.

Compatibility

Contact one of the Fomtec sales team with questions.

Technical data

Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,11 +/- 0.01 g/ml
Viscosity at 20°C	≤ 30 mPas
pH	6,5 – 8,5
Freezing point	-35°C
Recommended storage temperature	-35 - +55°C
Suspended sediment (v/v)	Less than 0,2%
Surface tension	Approx. 25 mN/m

Environmental impact

Fomtec Alpha A is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec Alpha A is biodegradable. The handling of spills of concentrate or foam solutions should however be undertaken according to local regulations. Normally sewage systems can dispose foam solution, but local sewage operators should be consulted in this respect. Full details will be found in the Material Safety Datasheet (MSDS).

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. If the product is frozen during storage or transport, thawing will render the product completely usable.

Foam solutions 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 solutions, only one type of metal should be used for pipelines, fittings, pumps, and tanks employed in the storage of the solution. 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	14-0007-01
200 litres	Drum	14-0007-02
1000 litres	Container	14-0007-04
Bulk	Special request	14-0007-05