

Features

Premix ready to use
Low freezing point -50°C
Extinguishers and systems
Good storage stability

Description

Fomtec NXP -50 is a new generation of premixed fire fighting agents. It combines excellent extinction properties with low usage temperature. The freezing point is at -50°C.

The fire performance is excellent on both Class A and Class B fires. It can be used with a wide range of foam generators, like nozzles and sprinkler heads.

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

Application

Fomtec NXP -50 is intended to be used on Class A and Class B fires on hydrocarbon solvents. It can be used with aspirated as well as non-aspirated discharge devices.

Fomtec NXP -50 can be used in:

- Fire extinguishers
- Foam systems

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

Fire Performance & Foaming

Fomtec NXP -50 has been designed to give the best properties of:

- Aqueous film forming foam
- Class A fire extinguishing agent

The foaming properties are depending on the foam discharge device. Typical values with a UNI 86 foam nozzle give an expansion index of about 6,5 and a 25% drainage time of over 15 minutes.

Proportioning

Fomtec NXP -50 is a ready-made premix and should be used as supplied without any dilution.

Compatibility

Contact one of the Fomtec sales team with questions.

Technical data

Appearance	Clear red liquid
Specific gravity at 20°C	1,15 +/- 0.01 g/ml
Viscosity at 20°C	≤ 30 mPas
pH	6,5 – 8,5
Freezing point	-50°C
Recommended storage temperature	-50 - 60°C
Suspended sediment (v/v)	Less than 0,2%
Surface tension	≤ 19,0 dynes/cm

** Product has been coloured red for identification of this product. Note that the red colour will fade if the product is exposed to sunlight.*

Environmental impact

Fomtec NXP -50 is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec NXP -50 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 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).

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 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	14-0005-01
200 litres	Drum	14-0005-02
1000 litres	Container	14-0005-04
Bulk	Special request	