

# FOMTEC® NXP -50

Film forming ready-to-use premix



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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.

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





## 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

Fomtec NXP -50 is especially designed to be used in extinguishing systems in engine rooms in heavy duty vehicles or similar applications. 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 6:1 and a 25% drainage time of about 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. For material compatibility please refer to Fomtec Technical Advices FTA 20 addressing the topic.

## ENVIRONMENTAL IMPACT

Fomtec NXP -50 is formulated using raw materials specially selected for their fire performance and their environmental profile. The product is non-toxic, biodegradable and each individual component is fully tested and documented. Our fluorine containing products are formulated with C6 short-chain fluorinated surfactants have been tested by independent laboratories for PFOS and PFOA impurities. The results show that the level of PFOS and PFOA in our foam

TYPICAL DATA	
Appearance	Clear red liquid
Specific gravity at 20°C	1,16 +/- 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.*

concentrates are below the detection limit of 20 ppb of the analysis method. This means that these foam concentrates are in accordance with US EPA Stewardship Programme 2010/15, EU Directive 2006/122/EC, amended Council Directive 76/769/EEC and EU commission regulation 2017/1000. They are also in compliance with the C6 purity compliant definition in the Queensland Department of Environmental and Heritage Protection Operational Policy on the Environmental Management of Firefighting Foam. For more detailed information please consult 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 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	