

Description

Fomtec FP 6% UL is a fluoroprotein foam concentrate containing fluorinated surfactants in a carefully formulated protein foam liquid base. This ensures the production of stabilised fluid foam which will cover a burning hydrocarbon fuel surface rapidly.

The water soluble fluorosurfactant makes the foam hydrocarbon repellent and reduces the amount of burning particles absorbed by the foam in fighting the hydrocarbon fuel fires.

Once the fire extinction has been achieved the high stability of the foam blanket ensures against the risk of re ignition and provides excellent protection against burn back should any inaccessible pockets of fire remain.

Fomtec FP 6% UL should be used at 6% proportioned solution (6 part concentrate in 94 parts of water) in fresh or seawater.

Application

Fomtec FP 6% UL is intended for use on class B hydrocarbon fuel fires such as oil, diesel and aviation fuels. Fomtec FP 6% UL can be applied directly onto the fire surface and is also suitable for sub surface injection. It is compatible with all dry chemical powders and can be used in powder/foam twin agent systems.

Fire Performance & Foaming

The fire performance of this product has been measured and documented according to "International Approvals" stated in this document. The foaming properties are depending on equipment used and other variables such as water and ambient temperatures. Average expansion 7,5:1, average ¼ drainage time 05:30 minutes using UNI 86 test nozzle.

Proportioning

Fomtec FP 6% UL can easily be proportioned at the correct dilution using conventional equipment such as:

- Inline inductors
- Balanced pressure, variable flow proportioning systems
- Bladder tanks
- Around the pump proportioning systems
- Water turbine driven foam proportioners
- Self inducing branch pipes and nozzles

The equipment should be designed to the foam type.

Compatibility

Contact one of the Fomtec sales team with questions.

International Approvals

- UL standard 162 (7th Edition)
- ULC listed

Technical data

Appearance	Dark brownish liquid
Specific gravity at 20°C	1,16 +/- 0.01 g/ml
Viscosity at 20°C	≤ 30 mPas
pH	6,0 – 7,0
Freezing point	-15°C
Recommended storage temperature	-15 - 49°C
UL-listed storage temperature*	1,7 - 49°C
Suspended sediment (v/v)	Less than 0,2%
Surface tension	≥ 25,0 dynes/cm

**This product is tested according to UL-standard and has passed the specific circumstances in the test.*

Environmental impact

Fomtec FP 6% UL is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec FP 6% UL 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. This product contains NO PFOS or PFOA.

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.

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	13-6008-01
200 litres	Drum	13-6008-02
1000 litres	Container	13-6008-04
Bulk	Special request	