Fomtec® LS xMax

Features

New Generation of High Performing Multipurpose Foam
Approved & Tested: Low, Medium, High Expansion Foam
Certificates: EN 1568-1, 2, 3, Superior Fire Performance
Fluorine Free & Biodegradable
Usage: Hydrocarbon Fires

Description

Fomtec LS xMax is a new generation of high performing, multi-purpose foam concentrate. It is consisting of hydro-carbon surfactants blended with various solvents, preservatives and stabilizers. Fomtec LS xMax is free from fluorine surfactants. Fomtec LS xMax have been designed to be used as high expansion, medium expansion and low expansion foam systems.

Application

Fomtec LS xMax is intended for use on both class B hydrocarbon fuels such as oil, diesel, gasoline and aviation fuels. Fomtec LS xMax can be used with all kinds on low, medium and high expansion devices. It is intended to be used as 3% concentrate.

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 low expansion 9:1, average ¼ drainage time 11:00 minutes using UNI 86 test nozzle. Has been fire tested against EN 1568-1, -2, and -3. The fire performance have been tested and approved by independent laboratory.

Proportioning

Fomtec LS xMax 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 inducting branch pipes and nozzles

The equipment should be designed to the foam type.

Compatibility

Contact one of the Fomtec sales team with questions.

Technical data

Appearance	Clear yellowish liquid
Specific gravity at 20°C	1,02 +/- 0.01 g/ml
Viscosity at 20°C	≤ 50 mPas
pH	6,5 – 8,5
Freezing point	-6°C
Recommended storage temperature	-6 – 55°C
Suspended sediment (v/v)	Less than 0,2%

Environmental impact

Fomtec LS xMax is formulated using raw materials specially selected for their fire performance and their environmental profile. Fomtec LS xMax is biodegradable. The handling of spills of concentrate or foam solution 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 NOR PFOA. Fomtec LS xMax is formulated without the use of fluorinated surfactants. 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.
Synthetic foam concentrates 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	11-3500-01
200 litres	Drum	11-3500-02
1000 litres	Container	11-3500-04
Bulk	Special request	

International Approvals

Tested and issued by MPA Dresden, Germany

- EN 1568 part 1, part 2, and part 3