

Firefighting Foam Dimilex F 3% F-15

1020060

DimiLex® F 3% is highly effective synthetic foaming agent based on surfactants, for extinguishing fires class A+B.

DimiLex® F 3% quickly creates foam, isolating the burning material from oxygen and also has high cooling effect. The created foam suppresses the release of flammable vapours, extinguishes the fire and prevents reignition. DimiLex® F 3% should be used at 3% proportioned solution (3 part concentrate in 97 parts of water) in fresh or seawater. It may also be stored as a pre-mix solution in fresh water.

Properties:

DimiLex® F 3% is designed for generating medium expansion foam and owing to its high foam density long throwing distances are achieved.

Application:

DimiLex® F 3% is used with most commonly available medium expansion foam equipment and installations for fighting fires of class A + B. DimiLex® F 3% is especially suited whenever rapid fire knockdown is essential. It is compatible with dry chemical powders class A, B, C and D and can be used in powder/foam twin agent systems. DimiLex® F 3% is typically used by Fire Brigades, in the Petrochemical and Chemical industry, Mining Industry, onshore and offshore, and in locations where large fires have to be safely and reliably extinguished within a very short time.

Environmental Information:

DimiLex® F 3% is formulated using specially selected raw materials, selected for their fire performance and their environmental profile. Dimilex® F 3% is biodegradable and low in toxicity. The handling of spill of concentrate or foam solutions shall how ever be made 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 minimum 5 years will be found in temperature climates. As with all foams, shelf life depends on storage temperatures and conditions. The recommended storage temperature range of DimiLex® F 3% is from - 10°C to +45°C. Freezing and thawing will have no impact on the performance.

Synthetic foam concentrates should only be stored in stainless steel or plastic containers. Since electromagnetic corrosion can occur at joints between different metals when they are in contact with foam concentrate, only one type of material should be used for pipelines, fittings, pumps, and tanks employed in the storage of foam concentrates.

Packaging:

We supply DimiLex® F 3% in 20 kg barrels, 25 kg barrels, 200 kg drums, 220 kg drums and in 1000 kg containers. We can supply in other packing depending on customer's requirement.

Technical specifications

Fire Performance & Foaming:

The foaming properties depend on equipment used, water and ambient temperatures. Foaming index for medium expansion no less than 125:1 25% drainage time > 2.30 minutes.

Proportioning:

DimiLex® F 3% is typically used by Fire Brigades, it can easily be proportioned at the correct dilution, using conventional equipment such as:

- Inline inductors.
- Balanced pressure, variable flow proportioning systems.
- Water turbine driven foam proportioners.
- Self inducing branch pipes and nozzles.

Appearance	Clear Amber Liquid
Specific gravity at 20°C	1.02 +/- 0,01 g/ml
Viscosity approx at 20°C	< 10 mm2/s (cSt)
pH	6.5 - 8.5
Freezing point	- 15°C
Suspended sediment (v/v)	< 0,001%

International approvals: EN 1568-1:2008

