

CAFOAM

CLASS A FOAM CONCENTRATE (0.1-1%)



DESCRIPTION

Cafoam is a foam concentrate to fight class A fires, specially designed to be used in combination with Compressed Air Foam Systems (CAFS). Added to water in low concentrations reduces the surface and interfacial tensions and increases its penetrating and spreading ability.

Cafoam reduces water consumption, achieves faster extinction and makes reignition more difficult. Foam produced in CAFS using this concentrate at 0.3% in water combines some very interesting features like good adherence, slow draining, long lasting, excellent wetting ability, etc., being odourless and easily biodegradable.

In addition to its use in CAFS it can be applied with standard low, medium and high expansion foam equipment and spray nozzles. Although the main use for the CAFOAM is for Class A fires, it can be used to control small hydrocarbon fires (Class B) at 0.5% with gentle application.

Cafoam's nominal proportioning rate is 0.5% in fresh or sea water (0.3% in CAFS.) This rate can be varied between 0.1 and 1.0%, depending on the type of foam desired. It can be used with fresh or sea water.

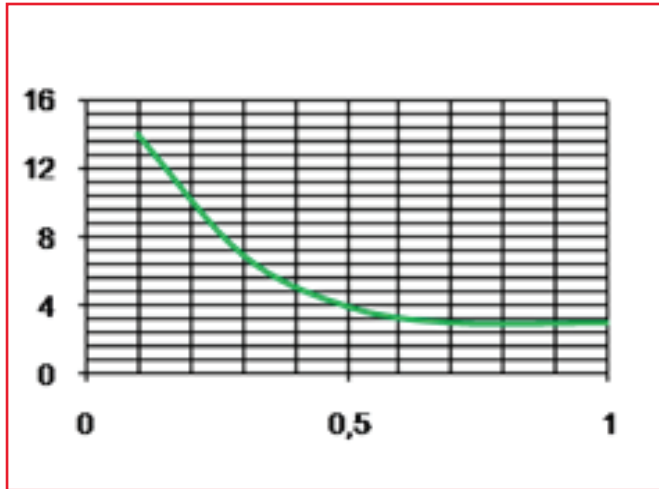


SPECIFICATIONS

CONCENTRATE	
Specific gravity @ 20°C	1.045
pH @ 20°C	8-8.5
Viscosity, cone and plate, mPa.s @ 20°C	25
Freezing point, °C	<-15°C
Lowest temperature for use, °C	-15°C

FOAM SOLUTION	
Dilution rate	0,5%
Wetting test, min:s	<0:10
Surface tension at 20°C, mN/m (Demineralised water)	28,0
Interfacial tension with cyclohexane at 20°C, mN/m	4,0
Low expansion / Medium Expansion	L/M
Foam expansion index	9,0 / 60
25% Drainage Time, min:s	10:00 / 20:00

WETTING TEST



PACKAGING

The product is supplied in 20 or 25 L PE prismatic containers, 200 L PE cylindrical drums and 1.000 L IBC containers.

STORAGE

The foam concentrate shall be stored at temperatures between -15° and +50°C, preferably in their original containers, sealed. The product does not have expiry date.

⚠ CAUTIONS

Foams should not be used in contact with electrical equipment, neither with chemical products that can react with water. It is recommended to avoid the contact of the foam concentrate with the skin. In case of eye splashes, wash with plenty of water. In case of ingestion do not induce vomit, drink water and take medical advice.



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FOR MORE INFORMATION

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