

SF-60L

SYNTHETIC MULTIEXPANSION FOAM CONCENTRATE (3%)



DESCRIPTION

SF-60L is a synthetic foam compound specially designed to be used in high and medium expansion foam generators to fight class A and class B (hydrocarbon) fires. This product contains synthetic surfactants with a very good resistance to water hardness and it is easily biodegradable. The foam shows a good stability and drains slowly.

SF-60L can be used with conventional equipment, but it has been specially designed to work with high expansion generators that must suck the combustion gases produced inside of the buildings on fire (HOTFOAM systems), and even the smoke from PVC combustion. It can be used with fresh and sea water.

SF-60L it is designed to be used with high, medium and low expansion foam equipment. High expansion foam with expansion coefficient of 500 to 1.000 is appropriate to extinguish indoor fires by suffocation.



As medium expansion foam is a perfect to be used outdoors, filling small places, covering quickly spillages, etc. It can be used also to produce low and very-low (using water spray nozzles) expansion foam for general purposes (fighting A and B class fires); when it is necessary to extinguish light hydrocarbon fires

use gentle application and increase the application rate (l/min.m2).

The proportioning rate is 3% in fresh or sea water for the production of all kind of foam expansions.

SF-60L is highly biodegradable.

SPECIFICATIONS

CONCENTRATE	
Specific gravity @ 20°C	1.015
pH @ 20°C	7.5
Viscosity, cone and plate, mPa.s @ 20°C	6.0
Freezing point, °C	< -5°C
Lowest temperature for use, °C	-5°C

FOAM SOLUTION	
Dilution rate	3%
Surface tens. at 20°C, mN/m (Demineralised water)	22.5
Interfacial tens. with cyclohexane at 20°C, mN/m	4.0
Low Expansion / Medium Expansion / High Expansion	L/M/H
Foam Expansion Index	9.0/145/ 600
25% Drainage Time, min:s	8:30 / 20:30

PERFORMANCE

SF-60L has approval certification according to EN-1568-1 and EN-1568-3 with fresh and sea water (class IIIC). Below they are the results of some fire tests:

STANDARD	EN-1568-1:2008	
Fuel	Heptane	
Application	-	
Dilution rate, %	3	
Water	fresh	salt
Extinction	1:39	1:04
Burnback%, min:s	1%,1:31	1%,1:14

EN 1568:
2008 Part 1

EN 1568:
2008 Part 3

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 -5° 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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