



Dr. STHAMER HAMBURG



MOUSSOL[®]-FF

alcohol resistant, fluorine free foam concentrate

MOUSSOL[®]-FF is an alcohol resistant fluorine-free, 100% biodegradable foam extinguishing agents. Based on special hydrocarbon surfactants, polymer film, and foam stabilizers and antifreeze, which are mainly made of renewable raw materials.



DIN EN
1568



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MOUSSOL[®]-FF alcohol resistant, fluorine free foam concentrate

Properties

- polymer film building foam concentrate, for use on polar (water miscible) and non-polar foam destroying hydrocarbon solvents.
- excellent foaming properties, suitable for medium expansion foam generation. On polar solvents a gastight polymer film blanket is produced to protect the foam from being absorbed.

Application

- with all mobile and fixed low and medium expansion foam generators and delivery systems, for class A and class B fires (For more information see product data sheet).
- specifically developed for firefighting polar solvents, foam-destroying products, eg. alcohols and non-polar hydrocarbons.
- Good vapour suppression with polar and non-polar substances by fire very long drain times. Water half times
- The use of straight through branch pipes or monitors for fire class B should attain an expansion ratio pf 50:1 or better, otherwise the use of aspirating devices is required.

Product	MOUSSOL [®] -FF
Induction rate	3% for non polar hydrocarbons 3% - 6% for polar solvents and foam absorbing products (For example 3% ethanol) 0.3% - 0.5% as a wetting agent
Foam expansion*	Low expansion foam up to 15 times Medium expansion foam up to 100 times
Water drainage time* 25% / 50%	Low expansion foam up to 15/25 minutes Medium expansion foam up to 10/16 minutes
Frost resistance	-5 °C / -15 °C
Viscosity	pseudoplastic, pump supported induction may be required (further information is available on request)
Application	Foam absorbing, polar and non polar hydrocarbon and solvents fires
Type approval	Certified as an alcohol-resistant foam extinguishing agent for use as Low and Medium Expansion foam against fires of classes A and B according to DIN EN 1568, ICAO Level B, Last Fire aspirated / systems with „good“.
Physiological/ecological properties	MOUSSOL [®] -FF is fluorine free, physiologically harmless and easily biodegradable

*according to DIN EN 1568 part 1-4