



Dr. STHAMER HAMBURG



MOUSSOL[®]-FF

alcohol resistant, fluorine free foam concentrate

MOUSSOL[®]-FF is an alcohol resistant fluorine-free, 100% biodegradable foam extinguishing agent. It is based on special hydrocarbon surfactants, polymers, foam stabilisers and anti-freeze, which are mainly made from renewable raw materials. MOUSSOL[®]-FF can be used as a Low, Medium and High Expansion Foam.



DIN EN
1568



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

Properties

- polymer film forming foam concentrate, for use on polar (water miscible) and non-polar (water immiscible) foam destroying hydrocarbon solvents.
- excellent foaming properties, suitable for medium expansion foam application. On polar solvents, the gastight polymer film forms a safe barrier against the foam destroying effect of the chemical.

Application

- with all mobile and fixed low and medium expansion foam equipment and installations for class A and B fires (see product data sheet for more information).
- especially designed for fighting fires of polar, foam destroying liquids, e.g. alcohols, as well as non-polar hydrocarbons, e.g. petroleum products.
- excellent vapour suppression of spills of both polar and non-polar liquids, owing to extended drainage times.
- using O-stream nozzles, best results on class B fires are obtained from an expansion ratio of 5:1. An aspirating extension may be required.

Product	MOUSSOL [®] -FF
Induction rate	3% for non polar hydrocarbons 3% - 6% for polar solvents and foam destroying 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 High expansion foam up to 800 times
Water drainage time* 25% / 50%	Low expansion foam up to 8/15 minutes Medium expansion foam up to 5/10 minutes High expansion foam up to 4/6 minutes
Frost resistance	-5 °C / -15 °C
Viscosity	Pseudoplastic, pump supported induction may be required (further information is available on request)
Application	Foam destroying, polar and non polar hydrocarbon and solvents fires
Type approval	Certified as an alcohol resistant foam fire extinguishing agent for use as low, medium and high expansion foam for class A and B fires according to EN 1568 part 1-4, ICAO level B, Last Fire aspirated / systems: "good"
Physiological/ecological properties	MOUSSOL [®] -FF is fluorine free, physiologically harmless and easily biodegradable

*according to DIN EN 1568 part 1-4



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