

## ***MOUSSEAL®-CF F-30 #2044***

FOAM EXTINGUISHING AGENT FOR EXTINGUISHERS



### ***Description***

*MOUSSEAL®-CF F-30* is a ready-to-use liquid fire extinguishing agent based on organic surface- and interface-active surfactants and antifreeze compounds. Its fire performance complies with high standards.

### ***Properties***

*MOUSSEAL®-CF F-30* contains a special combination of salts and surfactants, which wets and impregnates the surface of class A fires most effectively, thus enhancing the fire resistance of the fuel.

*MOUSSEAL®-CF F-30* forms an aqueous film on non-polar hydrocarbons, creating a lasting, gastight cover over the flammable area.

### ***Application***

*MOUSSEAL®-CF F-30* is used undiluted with portable extinguishers and sprinkler systems to extinguish fires of solid materials (class A) and of non-polar liquid fires (class B) according to DIN EN 3.

### ***Environment***

None of the raw materials used in our products are banned. Our foam concentrates comply with the latest environmental regulations, such as 'Commission Regulation (EU) No 757/2010', amending '(EC) No 850/2004.' *MOUSSEAL®-CF F-30* will also comply with the 'significant new use rule (SNUR)' for long-chain perfluoroalkyl carboxylate proposed by the Environmental Protection Agency, which will come into effect in due course.

### ***Compatibility with other foam concentrates***

Mixing for immediate use:

*MOUSSEAL®-CF F-30* can be mixed for immediate usage with other equivalent foaming agents, independent of the mixing ratio. When *MOUSSEAL®-CF F-30* is to be added to existing stocks of foaming agents we recommend to have the quality of the available stock tested by our laboratory.

*MOUSSEAL®-CF F-30* stocks must not be mixed with other products.

Mixing for long term storage:

Prior to replenishment, the quality of *MOUSSEAL®-CF F-30* stocks should be examined by our laboratory.

Blending of *MOUSSEAL®-CF F-30* with other foam concentrates for long-term storage is not recommended unless tested and approved by our laboratory.

Mixing with synthetic concentrates:

*MOUSSEAL®-CF F-30* must not be mixed with synthetic detergent, alcohol resistant, or protein foam concentrates.

Mixing with other expanded foams:

*MOUSSEAL®-CF F-30* foams are compatible with all other readily expanded fire extinguishing foams.

### ***Compatibility with powder***

*MOUSSEAL®-CF F-30* is suitable for the combined use with foam compatible dry chemical powders.

### ***Packaging***

*MOUSSEAL®-CF F-30* is available in plastic cans, plastic drums, IBC's (totes) and in bulk.

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## Storage

MOUSSEAL®-CF F-30 can be stored for long periods of time in the sealed original containers and in corrosion-resistant plastic or stainless steel tanks. High temperatures up to +50°C do not affect the quality, neither does temporary freezing at temperatures below the specified frost resistance limit.

## Shelf Life

MOUSSEAL®-CF F-30 has a shelf life of >10 years, if stored according to our recommendations (see technical info leaflet TM014 'Storage of Synthetic Fire Extinguishing Foam Concentrates').

## Conformity/Listings

MOUSSEAL®-CF F-30 is approved as fire extinguishing agent for fires of class B according to the following standards:



EN 1568:2008 - Certificate No.: KB-57/16  
Part 3 (Heptane): IIIC/-



ICAO Airport Services Manual  
Low expansion foam --- Level B



DIN EN 3  
13A --- 144B --- 40F

Physical properties and technical data		MOUSSEAL®-CF F-30	
Recommended induction rate		Ready to use premix, for undiluted use	
Foam expansion* (according to EN 1568)		5 - 9	low expansion foam*
25%/50% water drainage time* (according to EN 1568)		17 - 21 minutes	27 - 31 minutes low expansion foam*
Colour		colorless to yellow	
pH value	at 20°C	7,5 - 8,5	
Density	at 20°C	1,090 ± 0,02 g/ml	
Sediments		none	
Frost resistance		-30°C	
Viscosity	at 20°C	< 10	mm²/sec
	at 0°C	< 30	mm²/sec
	at -30°C	< 80	mm²/sec
Environmental acceptability		MOUSSEAL®-CF F-30 is readily bio degradable. Fluorine components are not fully degradable. See material safety data sheet for further information.	
Special notes		MOUSSEAL®-CF F-30 poses no health risk, provided it is used as intended as fire extinguishing foam. Firefighting exercise and testing may have to be agreed with local authorities. Consider when spraying persons with foam that they will not be able to breathe whilst covered with foam. See material safety data sheet for further information.	



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