

## **FOAMOUSSE® 3% F-15 #5301**

PROTEIN-BASED FOAM CONCENTRATE



### **Description**

FOAMOUSSE® 3% F-15 is a low expansion protein foaming agent based on natural re-growing protein carriers, foam stabilisers and antifreezing compounds. The dense foam texture and the long endurance are typical for FOAMOUSSE® 3% F-15 which has proven successful for many decades.

### **Properties**

The low expansion foam generated from FOAMOUSSE® 3% F-15 is fast flowing, has a good adhesion, covers the burnt surface gastight over a long period of time, is stable, flame and heat-resistant, safely extinguishes fires and prevents re-ignition.

Because FOAMOUSSE® 3% F-15 has a dense foam texture it is very effective when used on spilled products in order to reduce emissions and as a preventive fire fighting measure.

FOAMOUSSE® 3% F-15 complies with applicable standards.

### **Application**

FOAMOUSSE® 3% F-15 is designed for the use with all mobile and stationary low expansion foam equipment and systems for fighting fires of class A + B. The induction rate is 3%. Apart from tapwater you can also use sea water, brackish water and treated industrial water.

FOAMOUSSE® 3% F-15 is typically used in the petroleum industry and on oil tankers.

### **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.' FOAMOUSSE® 3% F-15 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:

FOAMOUSSE® 3% F-15 can be mixed for immediate usage with other equivalent foaming agents, independent of the mixing ratio. When FOAMOUSSE® 3% F-15 is to be added to existing stocks of foaming agents we recommend to have the quality of the available stock tested by our laboratory.

FOAMOUSSE® 3% F-15 stocks must not be mixed with other products.

#### Mixing for long term storage:

FOAMOUSSE® 3% F-15 stocks must not be mixed with other protein foam concentrates.

#### Mixing with synthetic concentrates:

FOAMOUSSE® 3% F-15 must not be mixed with class A, AFFF, or alcohol resistant AFFF concentrates.

#### Mixing with other expanded foams:

FOAMOUSSE® 3% F-15 foams are compatible with all other readily expanded fire extinguishing foams.

### **Compatibility with powder**

FOAMOUSSE® 3% F-15 is suitable for the combined use with foam compatible dry chemical powders.

### **Packaging**

FOAMOUSSE® 3% F-15 is available in jerrycans, plastic drums, iron drums, pallet containers (totes) and in bulk.

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## Storage

FOAMOUSSE® 3% F-15 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

FOAMOUSSE® 3% F-15 has a shelf life of >10 years, if stored according to our recommendations (see technical info leaflet TM015 'storage protein foam concentrates').

## Approval

FOAMOUSSE® 3% F-15 is approved as fire extinguishing agent for fires of class A and B according to the following standards:



Certificate No.: KB-311/14  
Part 3 (Heptane): IIIB/IIIB

Physical properties and technical data		FOAMOUSSE® 3% F-15	
Recommended induction rate	3%	low expansion foam	non-polar liquids
Foam expansion* (according to EN 1568)	6 - 9	low expansion foam*	
25%/50% water drainage time* (according to EN 1568)	4 - 8 minutes	8 - 15 minutes	low expansion foam*
Colour	dark brown to black		
pH value	at 20°C	6,5 - 8,0	
Density	at 20°C	1,170 ± 0,02 g/ml	
Sediments	< 0,25%		
Frost resistance	-15°C		
Viscosity	at 20°C	< 30	mm²/sec
	at 0°C	< 60	mm²/sec
	at -15°C	< 200	mm²/sec
Environmental acceptability	FOAMOUSSE® 3% F-15 is physiologically harmless and fully biodegradable. See material safety data sheet for further information.		
Special notes	FOAMOUSSE® 3% F-15 poses no health risk, provided it is used as intended as fire extinguishing foam. Fire fighting exercise and testing may have to be agreed with local authorities. Take into account 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.		
* Foam expansion and drainage times may vary, depending on foam equipment and operating pressure.			



Hauptsitz Hamburg:  
Liebigstraße 5 • 22113 Hamburg/Germany  
Tel.: +49 (0)40 736168-0 • Fax: +49 (0)40 736168-60  
info@sthamer.com • www.sthamer.com

Verkaufsbüro Hannover:  
Tel.: +49 (0)511 76835845  
Fax: +49 (0)511 76835846

Verkaufsbüro Jena:  
Tel.: +49 (0)3641 6353857  
Fax: +49 (0)3641 6353859

