MOUSSEAL®-A #2047

no PFAS added

EXTINGUISHING AGENT FOR PORTABLE EXTINGUISHERS

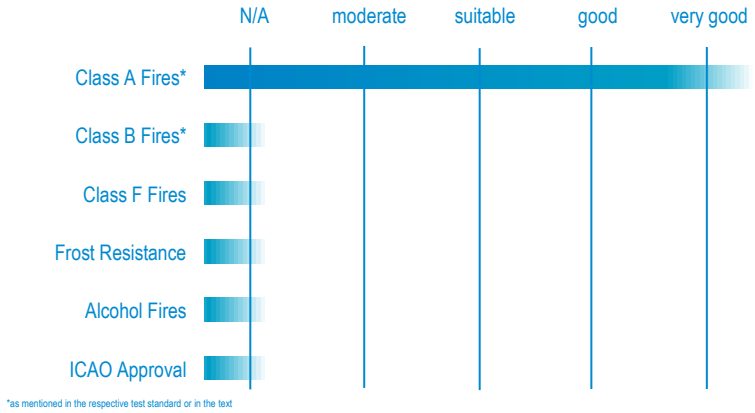
MOUSSEAL®-A is a highly effective additive based on organic and inorganic salts as well as special ssurface-active ingredients, which is used to boost Class A fire-performance in handheld portable fire extinguishers, mobile extinguishers or small extinguishing systems.
MOUSSEAL®-A is easily and completely biodegradable and free of organic fluorine compounds*[1], preservatives and silicone compounds.

Performance

A special combination of selected surfactants and salts enables very efficient wetting of solid fuels and ensures deep penetration of the extinguishing salts into the fire material. This rapidly extinguishes the active fire or embers in the depth of the fuel and sustainably prevents re-ignition.

Technical Specification	
Appearance	colourless/yellow
Fire Class/-es	A
Lowest Use Temperature	Protect from Freezing
Max. Storage Temperature	max. +50 [°C]
Specific Gravity (20°C)	1,170 ± 0,02 [g/ml]
pH value (20°C)	8,0 - 9,0
Viscosity (20°C)	< 15 [mm²/sec]
Sedimentation	Sediment Free

Foam Properties acc. to EN1568 at 20°C	
Induction Rate	100%
Expansion Rate	—
25% Drainage Time	— [min]
50% Drainage Time	— [min]
Expansion Types	—



Performance Tests

DIN EN 3
43A

[1] We define fluorine-free as products that are manufactured without the intentional addition of fluoroorganic compounds for the purpose of improving performance in such a way that, according to currently commercially available analysis of PFAS in firefighting foam concentrates, they do not contain any quantity of fluoroorganic substances in excess of the ubiquitous regional background contamination (e.g. in the drinking water used for production).

Application

MOUSSEAL®-A is used both as water additive as well as undiluted in fire extinguishers and extinguishing systems for extinguishing solids (class A fires).

MOUSSEAL®-A is compatible with very many ready-to-use Class B firefighting foam agents due to the raw materials used and special composition, and therefore serves as an effective additive for achieving certain extinguishing performance on solid fires. The combination with a class-B firefighting foam agent requires a prior test for suitability and extinguishing performance enhancement, in which we will be pleased to assist you. Please contact us for further information.

Compatibility

When mixing different firefighting foam agents, it must be considered that the resulting mixture is a new chemical product which is not tested as firefighting foam agent and also must be re-evaluated and labeled according to hazardous materials regulations.

MOUSSEAL®-A must never be mixed with protein, multi purpose or alcohol resistant AFFF firefighting foam agents or F3 type firefighting foam agents! Even the smallest quantities can render the products concerned non-useable, respectively lead to precipitation or agglomeration and consequently to equipment failure.

Any information in this product data sheet bases upon our best knowledge and expertise at the time of this issue. We reserve the right to change the content of this document or adopt to newer information. Please ask for the most recent revision of this data sheet.

Storage & Shelf Life

When synthetic firefighting foam agents and concentrates are stored, only certain materials and also only in certain combinations are suitable for permanent media contact. Our detailed Technical Information Nos. 014 (Storage of synthetic firefighting foam concentrates) and 009 (Material suitability polymers) provide information on this and other important aspects for the optimum storage of our products. Please do not hesitate to contact us.

MOUSSEAL®-A can be stored for long periods of time at temperatures from 0°C to +50°C in sealed original containers or containers made of stainless steel or plastic (for further information on material suitability, see our Technical Information).

Environment

MOUSSEAL®-A is easily and completely biodegradable and free of organic fluorine compounds*[1], preservatives and silicone compounds.

After use, all parts which were in contact to *MOUSSEAL®-A* must be thoroughly rinsed with water and cleaned to prevent any product buildup. Dried-in adhesions may require longer time soaking for removal.

Unused product (concentrate) must not be released into the environment. Disposal must be carried out in consultation with local authorities and specialised waste treatment companies.

Please also note further information in our safety data sheet!

Transport

MOUSSEAL®-A is available in the following packaging units: PE-canister (20 ltr, 25 ltr and 60 ltr), PE-canister according to DIN 14452 (20 ltr); PE-drum (200 ltr), PE-IBC (600 ltr und 1.000 ltr) or bulk.

Please contact us for special packing sizes.

For further Documentation please scan the Qr code or see http://sthamer.de/qr/2047

Safety Advice: Please bear in mind that foam solutions are electroconductive liquids. The use in proximity to electrical/electronical equipment can require specific safety measures.

Safety Advice: Please see our Technical Information regarding "Mixing of Foam Concentrates" for further information

Main Office Hamburg
Liebigstr. 5
22113 Hamburg
GERMANY
Tel.: +49 (0)40 73 61 68-0
Fax: +49 (0)40 73 61 68-60

Sales Office Hannover
Hartenbrakenstr. 54
30659 Hannover
GERMANY
Tel.: +49 (0)511 768 358-45
Fax: +49 (0)511 768 358-46

Sales Office Jena
Carl-Pulfrich-Str. 1
07745 Jena
GERMANY
Tel.: +49 (0)3641 63538-57
Fax: +49 (0)3641 63538-59

Office Frankenthal
Siemensstr. 4
67227 Frankenthal
GERMANY
Tel.: +49 (0)6233 3796-605
Fax: +49 (0)6233 3796-622

info@sthamer.com
www.sthamer.com