TRAINING FOAM-N 1% F-0 #9141

no PFAS added

TRAINING FOAM CONCENTRATE

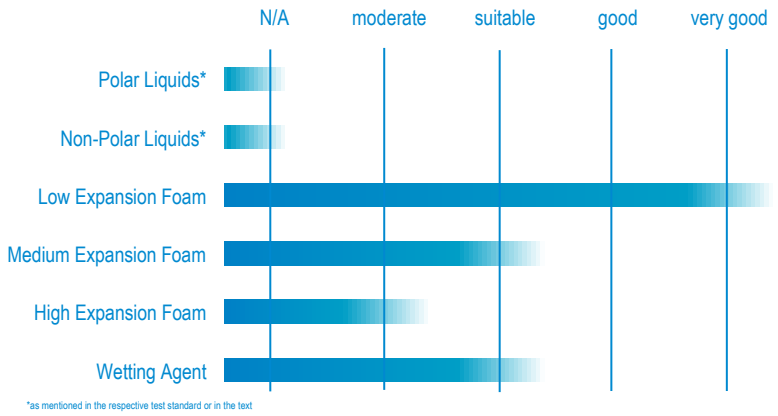
TRAINING FOAM-N 1% F-0 is an environmentally friendly, fluorine-free*[1] and very fluid (Newtonian) training foam concentrate composed of readily and fully bio-degradable, surface-active ingredients especially designed for the purpose of training firemen on the use and application of firefighting foams. The easily degradable ingredients make the all-important hands-on practice with foam particularly environmentally friendly.

Performance

TRAINING FOAM-N 1% F-0 simulates the foaming behavior of typical Newtonian, low viscosity, multi-area firefighting foam agents or AFFF for training purposes with significantly reduced environmental impact:
TRAINING FOAM-N 1% F-0 is easily and completely biodegradable and free of organic fluorine compounds*[1], preservatives and silicone compounds.
The foam concentrate has been formulated so that the foam produced breaks down more quickly than other training foams, allowing training areas to be reused more quickly.

Technical Specification	
Appearance	colourless/yellow
Fire Class/-es	only cold trainings
Lowest Use Temperature	Protect from Freezing
Max. Storage Temperature	max. +50 [°C]
Specific Gravity (20°C)	1,010 ± 0,02 [g/ml]
pH value (20°C)	6,5 - 8,5
Viscosity (20°C)	< 10 [mm²/sec]
Sedimentation	Sediment Free

Foam Properties acc. to EN1568 at 20°C	
Induction Rate	1%
Expansion Rate	–
25% Drainage Time	– [min]
50% Drainage Time	– [min]
Expansion Types	–



[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

TRAINING FOAM-N 1% F-0 is used for training in realistic operational situations as heavy or medium expansion foam with all commercially available foam systems and equipment. The production of high expansion foam is not possible.

TRAINING FOAM-N 1% F-0 is suitable for all qualities of water (fresh water, industrial water free of foam-destroying additives, sea water and brackish water). The proportioning rate to the fire water is 1%.

For simulated use as a wetting agent on hard-to-wet materials, such as untreated cotton, lignite, paper, coal dust, etc., a proportioning rate to water of at least 0,1% is recommended.

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 labelled according to hazardous materials regulations.

TRAINING FOAM-N 1% F-0 should be stored separately from firefighting foam concentrates and clearly labeled as a training foam agent to prevent confusion with firefighting foam concentrates.

TRAINING FOAM-N 1% F-0 is not a firefighting foam agent and must not be mixed with firefighting foam agents.

Storage & Shelf Life

TRAINING FOAM-N 1% F-0 is intended for immediate use and should not be stored for longer than 12 months. *TRAINING FOAM-N 1% F-0* is not frost resistant and must be stored at temperatures between >0°C to a maximum of 45°C.

TRAINING FOAM-N 1% F-0 is suitable for combined use with foam compatible dry chemical powder (tested in house following the procedure given in EN615). 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.

Elevated temperatures up to a maximum of +50°C or temporary freezing at temperatures below the specified frost resistance limit do not affect this high-quality product adversely (see our further Technical Information on the storage of firefighting foam agents).

Environment

All ingredients are readily and completely biodegradable.

Direct discharge of the concentrate into the sewage system is not permitted. Due to the rapid foam decomposition and the very good degradability, the application solution can be discharged into the sewage system after consultation with the local authorities and the operator of the connected wastewater treatment plant.

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

TRAINING FOAM-N 1% F-0 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/9141

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