



## TRAINING FOAM-U 3% F-0 #9345



### TRAINING FOAM CONCENTRATE

*TRAINING FOAM-U 3% F-0* is an environmentally friendly, fluorine-free\*<sup>1</sup> 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-U 3% 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: 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.

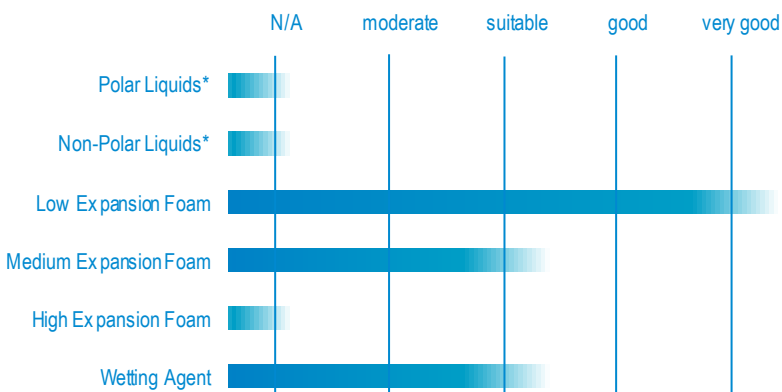
*TRAINING FOAM-U 3% F-0* is easily and completely biodegradable and free of organic fluorine compounds\*<sup>1</sup>, preservatives and silicone compounds.

### 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)  | 1,020 ± 0,02 [g/ml]    |
| pH value (20°C)          | 6,5 - 8,5              |
| Viscosity (20°C)         | < 60 [mPas]            |
| Sedimentation            | Sediment Free          |

### Foam Properties acc. to EN1568 at 20°C

|                   |         |
|-------------------|---------|
| Induction Rate    | 3% - 6% |
| Expansion Rate    | –       |
| 25% Drainage Time | – [min] |
| 50% Drainage Time | – [min] |
| Expansion Types   | –       |



\*as mentioned in the respective test standard or in the text

<sup>1</sup> 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-U 3% 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 low expansion foam is not possible.

*TRAINING FOAM-U 3% 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 3-6%.

## 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.

*TRAINING FOAM-U 3% F-0* is not a firefighting foam agent and must not be mixed with firefighting foam agents.

## Storage & Shelf Life

*TRAINING FOAM-U 3% F-0* is intended for immediate use and should not be stored for longer than 12 months. *TRAINING FOAM-U 3% F-0* is not frost resistant and must be stored at temperatures between  $>0^{\circ}\text{C}$  to a maximum of  $45^{\circ}\text{C}$ .

*TRAINING FOAM-U 3% F-0* is suitable for combined use with foam compatible dry chemical powder (tested in house following the procedure given in EN615). Any infor-

mation 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  $+50^{\circ}\text{C}$  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.

## Transport

*TRAINING FOAM-U 3% 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/9345>



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



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

### Disclaimer:

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