

TRAINING FOAM-U 3% F-0 #9345

TRAINING FOAM CONCENTRATE



Description

TRAINING FOAM-U 3% F-0 is an environmentally benign, fluorine-free, pseudo-plastic foam concentrate for training and exercising based on interface active components. The surfactants contained in the product are readily and completely bio-degradable.

Properties

TRAINING FOAM-U 3% F-0 is used to mimic the flow characteristics of conventional pseudoplastic, high-viscosity, alcohol-resistant AFFF foam concentrates. It is designed for use with all low and medium expansion foam equipment. This product is not designed for fighting fires and, therefore, should not be used as a fire extinguishing agent.

Application

TRAINING FOAM-U 3% F-0 is a test foam only. Depending on the intended use, induction rates may vary from 3% to 6%.

COD: ~9500 mg/litre (3% solution)

BOD: ~7500 mg/litre (3% solution)

This product is non-toxic, when used appropriately, and biodegradable.

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.' TRAINING FOAM-U 3% F-0 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:

TRAINING FOAM-U 3% F-0 may be mixed in any proportion with equivalent synthetic testing foam concentrates, when used immediately.

Mixing for long term storage:

TRAINING FOAM-U 3% F-0 must not be mixed with other foaming agents. Prior to replenishment, the quality and compatibility of any existing foam stocks should be examined by our laboratory.

Mixing with synthetic concentrates:

TRAINING FOAM-U 3% F-0 must not be mixed with class A, AFFF, alcohol resistant AFFF, or protein-based foam concentrates. Even small quantities may render the relevant products unusable.

Mixing with other expanded foams:

TRAINING FOAM-U 3% F-0 foams are compatible with all other readily expanded training foams.

Compatibility with powder

TRAINING FOAM-U 3% F-0 is suitable for the combined use with foam compatible dry chemical powders.

Packaging

TRAINING FOAM-U 3% F-0 is available in jerrycans, plastic drums, iron drums, pallet containers (totes) and in bulk.

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Storage

TRAINING FOAM-U 3% F-0 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

TRAINING FOAM-U 3% F-0 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').

Physical properties and technical data			TRAINING FOAM-U 3% F-0	
Recommended induction rate				
Colour			colorless to yellow	
pH value	at	20°C	6,5 - 8,5	
Density	at	20°C	1,020 ± 0,02 g/ml	
Sediments			none	
Frost resistance			0°C (prevent from freezing)	
Viscosity	at	20°C	< 60	mm²/sec
	at	0°C	< 120	mm²/sec
Environmental acceptability			TRAINING FOAM-U 3% F-0 is physiologically harmless and fully biodegradable. See material safety data sheet for further information.	
Special notes			TRAINING FOAM-U 3% F-0 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.	



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