TRAINING FOAM-N 3% F-0 #9346

TRAINIG FOAM CONCENTRATE

Description

TRAINING FOAM-N 3% F-0 #9346 is a fluorine-free foam based on surfactants, developed especially for equipment testing for manufacturers, e.g. flowability, induction rates. It is a high-viscosity product, in order for manufacturers to measure equipment performance and capability when pushed to the limit. This product is designed for testing foam concentrates as wetting agents; foam generated from this product collapses more readily than is conventional.

Properties

TRAINING FOAM-N 3% F-0 #9346 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-N 3% F-0 #9346 is a test foam only. Depending on the intended use, induction rates may vary from 3% to 6%.
COD: ~ 1500 mg/litre (3% solution)
BOD: ~ 7500 mg/litre (3% solution)
This product is non-toxic, when used appropriately, and biodegradable.

Compatibility

Mixing for immediate use:
TRAINING FOAM-N 3% F-0 #9346 may be mixed in any proportion with equivalent synthetic testing foam concentrates, when used immediately.
Mixing for long term storage:
TRAINING FOAM-N 3% F-0 #9346 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 other foam concentrates:
TRAINING FOAM-N 3% F-0 #9346 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-N 3% F-0 #9346 foams are compatible with all other readily expanded fire extinguishing foams including, protein-based foams.

Compatibility with powder

TRAINING FOAM-N 3% F-0 #9346 is suitable for the combined use with foam compatible dry chemical powders.

Environment

None of the raw materials used in *TRAINING FOAM-N 3% F-0 #9346* 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-N 3% F-0 #9346* 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.

Shelf life

TRAINING FOAM-N 3% F-0 #9346 has a shelf life of >10 years, if stored according to our storing recommendations (see technical info leaflet TM015 'storage protein foam concentrates').

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Storage

TRAINING FOAM-N 3% F-0 #9346 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.

Packaging

TRAINING FOAM-N 3% F-0 #9346 is available in jerrycans, plastic drums, iron drums, pallet containers (totes) and in bulk.

Physical properties and technical data	*TRAINING FOAM-N 3% F-0 #9346*		
Recommended induction rate	3% 3%	low expansion foam medium expansion foam	for training purposes for training purposes
Colour	colorless to yellow		
pH value at 20°C	6,5 - 8,5		
Density at 20°C	1,010 ± 0,02 g/ml		
Sediments	none		
Frost resistance	0°C (prevent from freezing)		
Viscosity at 20°C at 0°C	< 4 mm²/sec < 8 mm²/sec		
Environmental acceptability	*TRAINING FOAM-N 3% F-0 #9346* is physiologically harmless and fully biodegradable. See material safety data sheet for further information.		
Special notes	*TRAINING FOAM-N 3% F-0 #9346* 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.		

Dr. STHAMER HAMBURG

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

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