



JetFoam

Fluorine Free (FF)
Foam Concentrate

- A superior quality synthetic Fluorine Free Foam concentrate
- Designed for extinguishing and securing flammable aviation fuel spills and fires
- Used in high risk situations where hydrocarbons and aviation kerosene are processed, stored or transported
- Low viscosity allows for easy induction
- Provides a vapour-sealing blanket of foam that rapidly spreads over the fuel surface to provide rapid control and extinguishment
- Use at 1% and is readily proportioned using conventional foam proportioning equipment
- Use with air aspirating discharge devices
- Suitable for use with potable and fresh water
- Suitable as dry powder extinguishing agents either separately or as twin agent systems
- 100% biodegradable



JetFoam 1 is a superior quality synthetic fluorine free (FF) foams concentrate, designed for extinguishing and securing flammable aviation fuel spills and fires (Jet A and Jet A1).

JetFoam 1 is a patented combination of surfactants and other ingredients and produces a vapour sealing blanket of foam that rapidly spreads over the surface of the fuel to provide rapid control and extinguishment.

- Unique patented formulation only available from Angus Fire.
- The world's first truly Newtonian fluorine free foam (it behaves like water due to not containing any polymers or gelling agents).
- Specifically designed for the aviation sector's focused risks.

Applications

JetFoam 1 is used in high risk situations where hydrocarbon fuels such as Jet-A, Jet-A1 and aviation kerosene are processed, stored or transported. It is designed to be used on Aviation Rescue Fire Fighting Vehicles (ARFFV), Rapid Intervention Vehicles (RIV) and airport crash trucks where fast extinguishment is essential for saving life. JetFoam 1 provides a vapour suppressing foam blanket on Jet-A and Jet-A1 spills.

Approvals and listings

JetFoam 1 meets and exceeds the requirements of ICAO 2013 Level B and is certified to this performance level.

Equipment

JetFoam 1 is intended for use at 1% (1 parts concentrate to 99 parts water). JetFoam 1 is readily proportioned using conventional foam proportioning equipment. JetFoam 1 can be used with air aspirating devices. Where a fire or shallow spill is involved with fire, Angus Fire always recommends the use of aspirated foam where a stable foam blanket is essential.

Compatibility

JetFoam 1 is suitable for use in combination with:

- Potable and fresh water.
- Expanded protein-based or synthetic foams for application to a fire in sequence or simultaneously.
- Dry powder extinguishing agents either separately or as twin agent systems.

JetFoam

Fluorine Free (FF) Foam Concentrate

Environment

JetFoam 1 contains no fluorosurfactants, fluoropolymers, organohalogens, PFCAs, PFOA and no PFOS in accordance with EU Directive 2006/122/EC and mended Council Directive 76/769/EEC.

JetFoam 1 is 100% biodegradable.

Please refer to the product's Safety Data Sheet (SDS) and website for more information regarding the use, discharge and disposal of all firefighting foam products.

Storage

JetFoam 1 is exceptionally stable in long-term storage. A shelf-life of at least ten years can be expected if it is stored properly.

Disposal

For fire water runoff and accidental spillage please refer to Angus Fire's Foam Disposal Guide and MSDS for more information.

Product Quality

JetFoam 1 production is closely controlled, Angus Fire operates a quality management system which complies with the requirements of BE EN ISO 9001.

Typical Physico-Chemical Properties	1%	3%	6%
Appearance	Clear mobile liquid	Clear mobile liquid	Clear mobile liquid
Specific gravity @ 20°C	0.98 – 1.00	0.99 – 1.01	0.99 – 1.01
pH	8-9	8-9	8-9
Viscosity @ 20°C	10 cP	2 cP	2 cP
Maximum continuous storage	50°C	50°C	50°C
Maximum intermittent storage	60°C	60°C	60°C
Effect of freeze/thaw	None	None	None
Lowest use temperature	0°C	0°C	0°C
Sediment as shipped	≤ 0.1%	≤ 0.1%	≤ 0.1%
Sediment after ageing	≤ 0.1%	≤ 0.1%	≤ 0.1%

Typical Foam Properties:	1%	3%	6%
Induction rate	1%	3%	6%
Expansion ratio	≥ 7:1	≥ 7:1	≥ 7:1
25% drainage time	≥ 3 minutes	≥ 3 minutes	≥ 3 minutes

Packing Specification					
	Plastic Square	Plastic Square	Plastic Cylindrical	Plastic Cylindrical	Ecobulk MX
Capacity	25 litres	5 US gallons	200 litres	55 US gallons	1000 litres
Filled weight (kg)	26	20	209	218	1070
Dimensions (mm)	448 x 286 x 286	402 x 293 x 240	580 D x 922 H	580 D x 922 H	1200 L x 1000 W x 1160 H
Part Number 1%	FN0507G0P	FN0507T0P	FN0507J0P	FN0507W0P	FN0507L8
Part Number 3%	FN0508G0P	FN0508T0P	FN0508J0P	FN0508W0P	FN0508L8
Part Number 6%	FN0509G0P	FN0509T0P	FN0509J0P	FN0509W0P	FN0509L8



EMERGENCY FOAM SERVICE Call +44 (0) 15242 61166 – 24 hours a day, every day



Angus Fire operates a continuous programme of product development. The right is therefore reserved to modify any specification without prior notice and Angus Fire should be contacted to ensure that the current issues of all technical data sheets are used.

© Angus Fire 6796/5 03/24

GENERAL SALES

Angus Fire Ltd

Station Road, Bentham, Lancaster, LA2 7NA, UK

Tel: +44 (0)1524 264000 • Fax: +44 (0)1524 261580