



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 3% 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 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 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 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 provides a vapour suppressing foam blanket on Jet-A and Jet-A1 spills.

Approvals and listings

JetFoam is tested to EN1568:2008 part 3.

Performance exceeds the requirements of ICAO 2013 Level B fire performance and is certified to this performance level.

Equipment

JetFoam is readily proportioned using conventional foam proportioning equipment. (1 / 3 / 6 parts concentrate to 99 / 97 / 94 parts water).

JetFoam 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 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.

JetFoil

Fluorine Free (FF) Foam Concentrate

Environment

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

JetFoil 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

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

Disposal

Please refer to Angus Fire's Firewater Runoff and Accidental Spill data sheet.

Product Quality

JetFoil 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 |



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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.

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