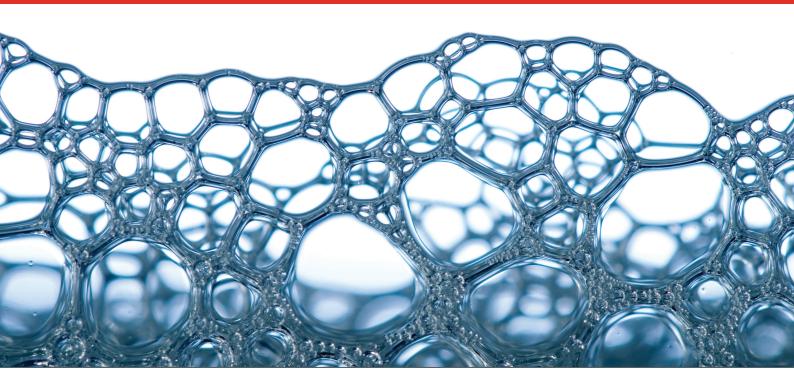


Angus Jetfoam 3%Fluorine Free Foam Concentrate

Industry ▶ Foam agents ▶ Jetfoam 3%



Jetfoam 3%

JetFoam 3 is a superior quality synthetic fluo ine free (FF) foams concentrate, designed for extinguishing and securing flammable aviation fuel spills and fi es (Jet A and Jet A1).

JetFoam 3 is a patent pending 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 patent pending 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.



Features

- World's first film forming fluorine free foam on aviation fuels
- Fast knock-down and extinguishment exceeding the requirements of ICAO level C
- True Newtonian (low viscosity) foam to ensure accurate, easy induction and airport crash vehicle compatibility
- Fluorine free to meet airport policy on minimising environmental persistence

Applications

JetFoam 3 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 3 provides a vapour supressing foam blanket on Jet-A and Jet-A1 spills.

Approvals and listings

- JetFoam 3 conforms to EN1568:2008 part 3 and ICAO level C, 2019.
- Performance exceeds the requirements of ICAO 2019 Level C fire performance and is certified to this performance level.





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Equipment

JetFoam 3 is intended for use at 3% (3 parts concentrate to 97 parts water). JetFoam 3 is readily proportioned using conventional foam proportioning equipment.

JetFoam 3 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 3 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 3 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 3 is 100% biodegradable.

Storage

JetFoam 3 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 3 production is closely controlled, Angus Fire operates a quality management system which complies with the requirements of BE EN ISO 9001.













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

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

