



“First Strike” A / B “Foam Solution”

A/B Foam Solution is a versatile fire fighting foam for protection of a wide range of Class B flammable liquid hazards. US-FC-FS is an all synthetic film forming foam designed for protection of hydrocarbon flammable liquids. When used at 3% with water and foam generating equipment, US-FC-FS is transformed into a vapor-blanketing foam to provide extinguishing and securing abilities.

Class “A” 0.1 – 1.0%

The special chemical balance in US-FC-FS reduces the surface tension of water, greatly increasing the penetrating and wetting abilities of the water, thus making your water supply five times more effective than untreated water. US-FC-FS superior foaming ability allows firefighters to protect exposures for extended periods or lay down fire breaks in wild land fire situations. US-FC-FS is biodegradable, non-toxic, non-corrosive, nor harmful to the environment.

Recommended Applications

US Foam’s A/B Foam Solution can be used with conventional foam equipment with fresh, sea or brackish water. Self-educing foam nozzles and in-line eductors are among the most common types of hardware for application.

US-FC-FS is recommended for use in a wide variety of fire fighting foam application devices. Examples are foam chambers, forcing foam makers, and aspirating foam nozzles. In addition, practical applications have been demonstrated in a number of discharge devices, such as non-aspirating sprinklers, water spray nozzles, and water/fog nozzles.

Typical Properties

Nominal Use concentration	3% on Hydrocarbons
Specific Gravity@77F (25C)	1.02
Density	8.5 lbs./gal.
Viscosity @ 77F (25C)	centistokes** 1.8
40F (4.4C)	centistokes** 3.1
Minimum use temperature	35F (1.7C)
Storage temperature	35 - 120F (1.7 - 49C)
Freeze point	25F (-4C)
pH @ 77F (25C)	7.5-8.
Appearance	Amber liquid

Features

Aqueous Film Formation: U.S. Foams US-FC-FS, like all U.S. Foam Aqueous Film Forming Foam (AFFF) Concentrates, has the ability to form an aqueous film which flows quickly over water-insoluble hydrocarbon fuel surfaces causing rapid fire extinguishment and vapor suppression.

Fire suppression and vapor control are positive.

Proportions Readily: Permits use in a wide range or proportioning equipment.

Solution Stability: Solutions of US-FC-FS do not present "transit time" limitations through handlines or in fixed systems.

Environmental Impact

U.S. Foam concentrates undergo a program of ongoing testing to assess the impact of U.S. Foam products on the natural environment. U.S. Foam products are low in toxicity to tested aquatic organisms. (Toxicity information is available from Product Environmental Data sheets, Material Safety Data sheets and Toxicity Summary sheets for individual products.) Aquatic life is not adversely affected when U.S. Foam products are used and disposed of properly. U.S. Foam products can be successfully treated in biological waste water treatment systems.

Storage

US-FC-FS may be stored in its shipping container without change in its original physical or chemical characteristics. It does not show significant sedimentation or precipitation in storage or after temperature cycling. Freezing and thawing have no effect on performance and the concentrate proportions satisfactorily in ordinary equipment at temperatures above 32F. Freeze- thaw cycling may cause slight stratification which may be overcome with moderate agitation. Annual inspection as prescribed in NFPA11 is recommended.

Packaging

All U.S. Foam Technologies, Inc. products are available in 5 gallon pails, 55 gallon drums or 275 gallon Totes.

U.S. Foam Technologies, Inc. Locations

Longview, Texas

Pauls Valley, Oklahoma