

Firefighting Foam for Fire & Rescue Services



fomtec
Fire Fighting Foams & Equipment



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The applications that the Fire & Rescue Services must respond to are varied and cover a multitude of different fuel hazards, fire hazards, and foam application methods within the overall emergency response mission to mitigate the impact on human life and property of an incident. Distinct from foam systems applications, when foam is used in an emergency response mission it must be recognised that in most cases the firefighters are also putting themselves in harm's way. Rapid flame knock down, extinguishment and post extinguishment reflash security are all components that minimise the risks to firefighter safety.

These diverse mission requirements mean that choosing the correct foam concentrate requires a determination of the hazards within the area supported and the frequency and severity of the fires that the FRS will be called out to. For example an FRS in a rural community may have to deal with wildland fires at certain times of the year, whereas an FRS around an industrialised urban area might be part of a mutual aid response team whereby they might be called upon to assist with an incident at a petrochemical plant !

Standards and Approvals

Generally the primary requirement is the regional approvals such as EN 1568, UL 162 or FM 5130. Additionally if wildland fires are involved then QPL to USDA Fire Service 5100-307a may be important, or for response into a refinery then performance against the LASTFIRE test protocol might be required.

Fluorinated vs. Fluorine Free

The usage of PFAS in firefighting foam has gradually been banned in many parts of the world and even though where PFAS ; as in C6 fluorotelomer* are still allowed a transition to fluorine free foam has started. PFAS substances – C8 such as PFOS , PFOA ,PFHxS and C9-C12 PFACs has been restricted in the EU and phased out. The universal PFAS ban in Firefighting foam in Europe was published 3rd of Oct 2025 with transition periods up to 10y, depending on the usage and application. The general end date for the PFAS ban is 5 years, as are valid for most segments. Emergancys response are the segments that will be phased out first in the line of transition- April 2026. In other parts of the world the PFAS legislation and restriction have been focused on removing C8 -PFOS, PFOA and PFHxS rather than implementing universal PFAS ban. Fomtec provides excellent fluorine free foam formulated with specially selected chemicals to minimize environmental impact with excellent performance for Emergency response.



Fluorine Free Foams for Fire & Rescue Services

Class A & small Class B Hydrocarbon Fuel Fires:

Enviro Class A
Enviro Class A Super
Enviro ONE

Class A & Class B Hydrocarbon Fuel Fires:

Enviro USP
Enviro ERS
MB-20
LS xMax

Class A & Class B Hydrocarbon & Polar Solvent Fuel Fires:

Enviro ARK
Enviro ULTRA
Enviro 3x3 NEO
Enviro 3x3 Ultra
Enviro eMax
Enviro 3x3 Plus
Enviro 3x6 Plus
Enviro 6x6 Plus

Training Foam:

Trainer E-Lite



About Fomtec

Dafo Fomtec AB is a privately owned company manufacturing and supplying firefighting foam and associated foam equipment. Our head office is located in Stockholm, Sweden, with the main manufacturing facility in Helsingborg in the south of Sweden. Fomtec Inc. is a wholly owned subsidiary of Dafo Fomtec AB and was established in 2018 when Fomtec started to manufacture part of the Enviro range of Fluorine Free Foam Concentrates in the U.S.A. Dafo Fomtec AB also supports foam blending operations with distribution partners in South Africa, United Arab Emirates and Saudi Arabia. Fomtec is committed to meet and exceed the standards we set behind our company logo of

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From the selection of our raw materials and suppliers, to minimising emissions and environmental impact from our manufacturing processes our foam concentrates, associated documentation and accreditation is fully compliant with prevailing legislation within the countries where the products are promoted and sold. Our commitment to our customers covers promoting the best performing product for their application, and supporting our customers with on time delivery from our manufacturing facilities or strategically located storage facilities.



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