

FOAMER[®] BRAND ECOSOLV^{C6} AFFF

(Aqueous Film Forming Foam)



1. PRODUCT DESCRIPTION

FOAMER Brand Ecosolv^{C6} AFFF is an aqueous film-forming foam concentrate (AFFF) consisting of fluorocarbon and hydrocarbon surfactants blended with various solvents, preservatives, and stabilizers. The foam forms an aqueous film that rapidly cuts off the oxygen supply and extinguishes the fire. The expanded foam, from which the film is drained, forms a stable blanket that suppresses the release of flammable vapors and cools down the fuel surface extinguishing the fire and preventing reignition. The low surface tension of the water-foam solution enables the aqueous film, although heavier than the burning liquid, to float on top of the liquid surface.

2. FEATURES

- Film Forming for fast flame knockdown and extinguishment.
- Stable and long-lasting foam blanket for excellent burn back resistance and post-fire security.
- Detergent-free for high resistance of fuel picks up.
- Foam blanket tree-seals when ruptured by personnel or equipment.
- Readily biodegradable and virtually non-toxic.
- Environmental Chemistry Behind Ecosolv^{C6} AFFF
 - As per U.S. EPA SNAP Program [US Environmental Agency 2010/15 PFOA Stewardship Program] Foam Concentrates should be manufactured based on environmental friendly C6 Fluorinated surfactant.
 - FOAMER BRAND ECOSOLV^{C6} ARAFFF is Re-engineered with Environmentally safe C6 [Short Chain molecules] Fluoro Telomer-derived Fluoro surfactants which neither contains nor breaks down into PFOS and contains only traces of PFOA below the limit of detection [0.5 ppm].

3. APPLICATION

FOAMER Brand Ecosolv^{C6} AFFF is intended for use on Class A and Class B hydrocarbon fuel fires such as oil, diesel and aviation fuels as well as Class A fires such as wood, paper, textiles etc. It can be used with both aspirating and non-aspirating discharge devices. FOAMER Brand AFFF is especially suited whenever rapid-fire knock-down is essential. It is compatible with all dry chemical powders and can be used in powder/ foam dual agent systems.

4. VARIANTS

FOAMER Brand Ecosolv^{C6} AFFF is available in three variants

FOAMER Brand Ecosolv^{C6} AFFF 1%

FOAMER Brand Ecosolv^{C6} AFFF 3%

FOAMER Brand Eco solv^{C6} AFFF 6%

5. TECHNICAL SPECIFICATIONS

PRODUCT	AFFF 1%	AFFF3%	AFFF6%
USE CONCENTRATION	1%	3%	6%
SPECIFIC GRAVITY	MIN 1.00	MIN 1.00	MIN 1.00
FREEZING POINT	BELOW 0°C	BELOW 0°C	BELOW 0°C
POUR POINT	FLOWS AT 0°C	FLOWS AT 0°C	FLOWS AT 0°C
STORAGE TEMPERATURE	0°C-50°C	0°C-50°C	0°C-50°C
FOAM EXPANSION	6.00 to 10.00	6.00 to 10.00	6.00 to 10.00
DRAINAGE TIME	MIN 90 SEC	MIN 90 SEC	MIN 90 SEC

6. STORAGE AND HANDLING

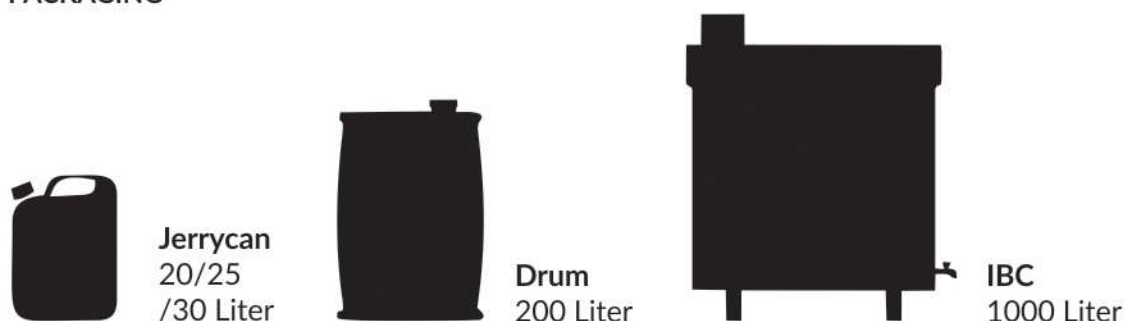
Handling: No special handling techniques are required. Avoid getting chemicals on you or in you. Wash hands after handling chemicals. Don't eat or drink while handling chemicals.

Storage: Recommended storage temperature is 0°C to 50°C. No special conditions are required for safe storage. The product should be stored in original sealed containers above 0°C and below 50°C and as much as possible it should keep from being washed into surface water.

7. ENVIRONMENTAL IMPACT

Foamer Brand AFFF is eco-friendly, biodegradable, low in toxicity and can be treated in sewage treatment plants.

8. PACKAGING



8. LISTINGS AND APPROVALS

