AG-AFFF 1% C6

Low Expansion Foam

Data Sheet: ESP 04.09 v00

Description

AG-AFFF 1% C6 is a foam concentrate for extinguishing Class A and Class B fires. AG-AFFF 1% C6 is a low expansion foam concentrate developed to extinguish solid fuel and non-polar liquid fires.

AG-AFFF 1% C6 foam concentrate is a film-forming foam giving very good extinguishing qualities to the foam as well as preventing reignition of the fire. Fluorocarbon surfactants not only form a stable film on the fuel, but also reduce the surface tension of the foam.

Information:

Physical properties	
Density (g/ml)	1,03 ± 0,02
pH	7,0 – 8,0
Viscosity 20˚C (cST)	< 10
Freezing point	- 2 ˚C
Minimum operating temperature	1,7 ˚C (UL requirement)
Dilution ratio	1%

Storage

The storage temperature of the AG-AFFF 1% C6 should be maintained between 1,7˚C (UL requirement) and 50˚C.

Foam must be stored under suitable cover and protected from sunlight in order to maintain its original characteristic, preferably stored in the original containers.

Compatibility

The AG-AFFF 1% C6 should not be mixed with other foam concentrates. For compatibility issues, consult AG Fire Sprinklers.

Environmetal information

AFFF 1% C6 foam concentrate contains PFAS.

Dosage

The proportion of foaming agent AG-AFFF 1% C6 is 1% when used with hydrocarbons. Fresh water should be used for dosing.

Compatible equipments

AG-AFFF 1% C6 foam concentrate is a versatile compound which allows its use in a wide range of installations and using different discharge systems:

- Fixed Proportioning System
- Foam Chambers
- Foam Monitors
- Nozzles or Sprinklers



Performance

The product has been certified EN 1568-3:2018 and UL 162

Standard	EN1568-3:2018	UL 162
Fuel	Heptane	Heptane
Dilution Ratio	1%	1%
Water	Fresh	Fresh
Level	✔	✔

Areas of Aplication

AG-AFFF 1% C6 foam concentrate provides quality protection in hazardous areas such as:

- Refinery
- Hydrocarbon storage tanks
- Airports
- Ports
- Process areas
- Industrial fire
- Mobile equipment

Ordering information

The foam AG-AFFF 1% C6 is available in the following quantities:

AG-AFFF 1% C6 Jar of 25 liters

AG-AFFF 1% C6 Drum of 200 liters

AG-AFFF 1% C6 of 1000 liters

ATTENTION

Foams should not be used in contact with electrical equipment, nor with chemicals that may react with water. It is recommended to avoid contact of the concentrated foam with the skin. In case of splashes in the eyes, rinse with plenty of water. If swallowed, do not induce vomiting, drink water and seek medical advice.

The product presented in this document must be installed in accordance with the latest published standard of the National Fire Protection Association, Factory Mutual Research Corporation, or other similar organizations and also with the provisions of governmental codes or ordinances where applicable. This documentation is not contractual in nature. AG Fire Sprinkler reserves the right to make changes without notice.

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