AG-AR/AFFF 1x3% C6

Low Expansion Foam

Data Sheet: ESP 04.12 v00

Description

AG-AR/AFFF 1x3% C6 is a Class B fire extinguishing foam concentrate. AG-AR/AFFF 1x3% C6 is a low expansion foam concentrate developed to extinguish fires involving non-polar liquid fuels and polar solvents.

AG-AR/AFFF 1x3% 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)	1,05 ± 0,02
pH	7,0 – 8,0
Viscosity 20˚C (cST)	1750 ± 500
Freezing point	- 2 ˚C
Minimum operating temperature	1,7 ˚C (UL requirement)
Dilution ratio	1%

Storage

The storage temperature of the AG-AR/AFFF 1x3% 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-AR/AFFF 1x3% C6 should not be mixed with other foam concentrates. For compatibility issues, consult AG Fire Sprinklers.

Environmetal information

AG-AR/AFFF 1x3% C6 foam concentrate contains PFAS.

Dosage

The proportion of foaming agent AG-AR/AFFF 1x3% C6 is 1% when used for non-polar fuels and 3% if you used for polar solvents. Fresh water should be used for dosing.

Compatible equipments

AG-AR/AFFF 1x3% 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, EN 1568-4:2018 and UL 162

Standard	EN1568-3:2018	EN1568-4:2018	UL 162
Fuel	Heptane	Polar Solvents	Heptane
Dilution Ratio	1%	3%	1%
Water	Fresh	Fresh	Fresh
Level	✔	✔	✔

Areas of Aplication

AG-AR/AFFF 1x3% C6 foam concentrate provides quality protection in hazardous areas such as:

- Defense facilities
- Storage tanks
- Trucks/Rail loading or unloading facilities
- Ports
- Flammable liquid containment areas
- Solvent extraction

Ordering information

The foam AG-AR/AFFF 1x3% C6 is available in the following quantities:

AG-AR/AFFF 1x3% C6 Jar of 25 liters

AG-AR/AFFF 1x3% C6 Drum of 200 liters

AG-AR/AFFF 1x3% 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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