HEF 3% - 10 EN

Fluorine Free Foam.
Multiexpansion Foam
Data Sheet: ESP 04.03 v00

Description

HEF 3% -10 EN is a Class B fire extinguishing foam concentrate. HEF 3% -10 EN is a low, medium and high expansion foam concentrate developed to extinguish non-polar liquid fuel fires.

The formulation of this product is free of fluorosurfactants and fluoropolymers. HEF 3% -10 EN foam concentrate is designed to be applied at a concentration of 3% in fresh and sea water.

Technical information:

Physical properties	
Density (g/ml)	1,04 ± 0,02
pH	6,0 – 9,5
Viscosity 20˚C (cP)	< 25 cP Newtoniano
Freezing point	- 11 ˚C
Minimum operating temperature	- 10 ˚C
Dilution ratio	3%

Storage

The storage temperature of the HEF 3% -10 EN should be maintained between -10˚C and 40˚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 HEF 3% -10 EN should not be mixed with other foam concentrates. For compatibility issues, consult AG Fire Sprinklers.

Environmetal information

AG Fire Sprinklers HEF 3% -10 EN foam concentrate does not contain intentionally added PFAS, including PFOA and PFOS. In making this statement AG Fire Sprinklers relies on information provided by its suppliers.

Dosage

The proportion of foaming agent HEF 3% -10 EN is 3% when used with hydrocarbons. Fresh and sea water should be used for dosing.

Compatible equipments

HEF 3% -10 EN foam concentrate is a compound specially developed for use with systems generating large quantities of foam:

- High expansion generator
- Medium expansion generator
- Low expansion nozzle
- Foam chamber
- Foam pourer
- Foam monitors



Performance

The product has been certified EN 1568-1:2018, EN 1568-2:2018 and EN 1568-3:2018

Standard	EN1568-1:2018	EN1568-2:2018	EN1568-3:2018
Fuel	Heptane	Heptane	Heptane
Dilution Ratio	3%	3%	3%
Water	Fresh/Sea	Fresh/Sea	Fresh/Sea
Level	✔	✔	3B

Areas of Aplication

HEF 3% -10 EN foam concentrate provides quality protection in hazardous areas such as:

- Hangars
- Airports
- Ports
- Fixed firefighting systems
- Mobile firefighting systems
- CAFS suitable

Ordering information

The foam HEF 3% -10 EN is available in the following quantities:

HEF 3% -10 EN Jar of 25 liters

HEF 3% -10 EN Drum of 200 liters

HEF 3% -10 EN IBCs 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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