

DESCRIPTION

Especially for hydrocarbons risks and Environment-friendly, ECOPOL F3 HC is the real alternative to traditional film-forming foam concentrates.

Performance on fires of ECOPOL F3 HC allow direct projection into the hydrocarbon with higher extinguishing results in most AFFF, and resistance to reignition equivalent to fluoroprotein.

This synthetic FFF (Fluorine Free Foam) foam concentrate, of new generation, is based on the combination of hydrophilic natural polymers and surfactants resistant to contamination.

ECOPOL F3 HC is pseudoplastic: its viscosity decreases when it is agitated. This property authorizes its use even at low temperature and low pressure.

▲ **Foaming ability:** ECOPOL F3 HC is usable at Low and Medium Expansion.

▲ **Fuel fires:** ECOPOL F3 HC is efficient on hydrocarbon fires at 3%.

▲ **Environment:** ECOPOL F3 HC is harmless for environment and totally biodegradable.

ECOPOL F3 HC is totally fluorine-free.

It is not subject to regulatory constraints in force and come on fluorinated compounds.

PHYSICAL DATA

Appearance	green gel
Specific gravity at 20°C	1.02 ± 0.02 Kg/dm ³
pH at 20°C	7.5 ± 1.0
Viscosity* at 20°C	pseudoplastic
Sediments	< 0.1 %
Surface tension at 3 %	25 ± 2 mN/m
Freezing point	- 5°C
Temperature of use	- 3°C / + 50°C

* Viscometer Brookfield ; spindle #4 ; 60 rpm

FOAM QUALITY

Concentration of use at 3 %

Low Expansion	> 8*
Drainage time 25 %	> 15 minutes
Medium Expansion	> 80*

* Foam expansion values depend on the equipment



PERFORMANCES & APPLICATIONS

ECOPOL F3 HC complies with standards:

▲ EN 1568-3

ECOPOL F3 HC can be used with tap water, sea water and brackish water at 3% on hydrocarbon fires.

It is suitable with all kind of known equipment.

WARRANTY & SERVICES

ECOPOL F3 HC has a 10 years warranty in its original packaging and at storage temperatures -30°C/+60°C.

Our Quality Control Laboratory offers its analytical expertise BIO-LAB.

Safety Data and Environment Data are available upon request: contact@bio-ex.fr