

## DESCRIPTION

Environment-friendly, ECOPOL 6 is the real alternative to traditional foam concentrates. This synthetic FFF (Fluorocompound-Free Foam) AR foam concentrate, of new generation, is based on the combination of hydrophilic natural polymers and surfactants resistant to contamination.

ECOPOL 6 is pseudoplastic : its viscosity decreases when it is agitated. This property authorizes its use even at low temperature and low pressure.

▲ **Foaming power:** ECOPOL 6 is usable at Low, Medium and High Expansion.

The foaming base of ECOPOL 6 is exclusively made from copra fatty acids, a natural re-growing resource.

▲ **Fuel fires:** ECOPOL 6 is efficient on hydrocarbon fires and polar solvents fires. ECOPOL 6 is usable as 6X6.

ECOPOL 6 has been successfully tested on numerous fires, such as acetone, methanol, isopropanol, THF, diethylether, toluene, ethylacetate...

ECOPOL 6 can keep its water for a very long period. This outstanding property makes it highly efficient on polar solvents fires.

▲ **Environment:** ECOPOL 6 is harmless for environment and totally biodegradable.

ECOPOL 6 is totally fluorine-free.

## PHYSICAL DATA

Appearance	green gel
Specific gravity at 20°C	1.05 ± 0.02 Kg/dm <sup>3</sup>
pH at 20°C	7.0 ± 1.0
Viscosity* at 20°C	1500 ± 200 mPa.s
Sediments	< 0.1 %
Freezing point	- 14°C
Temperature of use	- 10°C / + 50°C

\* *Viscometer Brookfield ; spindle #4 ; 60 rpm*

## FOAM QUALITY

### Concentration of use at 6 %

Low Expansion	> 8*
Drainage time 25 %	> 30 minutes
Medium Expansion	> 120*
High Expansion	> 800

\* *Foam expansion values depend on the equipment*



## PERFORMANCES & APPLICATIONS

ECOPOL 6 complies with standards :

▲ EN 1568-4

ECOPOL 6 can be used with Compressed Air Foam systems (CAFs).

ECOPOL 6 can be used with tap water, sea water and brackish water at 6% on hydrocarbon fires and polar solvents fires.

It is suitable with all kind of known equipment.

## WARRANTY & SERVICES

ECOPOL 6 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](mailto:contact@bio-ex.fr)