

DESCRIPTION

Environment-friendly, **ECOPOL 3 PREMIUM** is the real alternative to traditional foam concentrates.

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

ECOPOL 3 PREMIUM is pseudoplastic: its viscosity decreases when it is agitated. This property authorizes its use even at low temperature and low pressure.

- ▲ **Foaming ability:** **ECOPOL 3 PREMIUM** is usable at Low, Medium and High Expansion.
- ▲ **Wetting ability:** **ECOPOL 3 PREMIUM** with its wetting ability from 0,1% to 1% is suitable for extinction of class A fires.
- ▲ **Fuel fires:** **ECOPOL 3 PREMIUM** is efficient on hydrocarbon fires and polar solvents fires at 3%. **ECOPOL 3 PREMIUM** can keep its water for a very long period. This outstanding property makes it highly efficient on polar solvents fires.
- ▲ **Environment:** **ECOPOL 3 PREMIUM** is harmless for environment and totally biodegradable.

ECOPOL 3 PREMIUM is totally fluorine-free.

PERFORMANCES & APPLICATIONS

ECOPOL 3 PREMIUM complies with standards:

- ▲ EN 1568-1 ■ EN 1568-2 ■ EN 1568-3 ■ EN 1568-4
- ▲ Oil Industry : Lastfire Certificate
- ▲ Navy: Approved to IMO MSC.1/Circ.1312, MED/3.58 and MED/3.59

ECOPOL 3 PREMIUM can be used with tap water, sea water and brackish water at 3% on hydrocarbon fires and on polar solvents fires.

ECOPOL 3 PREMIUM can be used with Compressed Air Foam systems (CAFs). It is suitable with all kind of known equipment.

WARRANTY & SERVICES

ECOPOL 3 PREMIUM 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

PHYSICAL DATA

ECOPOL 3 PREMIUM	
Appearance	Green gel
Specific gravity at 20°C	1.04 ± 0.02
pH at 20°C	7.0 ± 1.0
Viscosity	pseudoplastic
Sediments	0 %
Surface Tension at 3%	30 ± 2 mN/m
Freezing Point	-6°C
Temperature of use	-5°C / +50°C

FOAM QUALITY

Concentration of use 3%	ECOPOL 3 PREMIUM
Low Expansion	> 8*
Drainage time 25 %	> 40 minutes
Medium Expansion	> 60*
High Expansion	> 300*

* Foam expansion values depend on the equipment

