

ECO POL is a FFF* - AR Foam, without Fluorinated compounds

* FFF : Fluorocompound-Free Foam

ECO POL is the ultimate eco-friendly answer to traditional foams.

This new generation of synthetic foam AR is based on the combination of hydrophilic natural polymers and surfactants resistant to contamination.

Our surfactants are exclusively made from copra fatty acids, a natural re-growing resource.

CHARACTERISTICS

ECO POL can be used on hydrocarbons and chemicals fires. ECO POL is approved as a 3X3 and a 3X6, enabling to select the concentration after the proportioning system.

ECO POL can keep its water for a very long period. This outstanding property makes it highly efficient on chemicals fires.

ECO POL can generate Low – Medium – High Expansion.

APPLICATION

ECO POL can be used at a concentration of 3 or 6% on hydrocarbon fuels and on polar solvents.

It is suitable with all kind of known equipment.

It can be used with tap water and sea water.

Physical data

Specific gravity at 20°C (kg/dm ³)	1.06
Ph at 20°C	7
Viscosity at 20°C (mPa.s)	1600
Freezing point	- 16°C
Temperatures of use	< - 10°C • + 60°C >
Surface tension at 3 % (mN/m)	25
Interfacial tension at 3 % (mN/m)	3



Specifications

ECO POL meets EN and ICAO requirements and is classified as

- PASS in EN 1568-1 & EN 1568-2
- III-B in EN 1568-3
- I-B in EN 1568-4
- CNPP R12 Certificate



Foam quality

Concentration of use	Expansion*	Drainage time	
		25%	50%
6%	Low	13	30 minutes
	Medium	150	
	High	> 900	
3%	Low	10	15 minutes
	Medium	60	
	High	> 1000	

* Foam expansion depends on the equipment and nozzle