



Ecopol

Synthetic **AR-Foam**

fluoro-free

100 % biodegradable





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Use at 3%*

Efficient on **hydrocarbon fires**
and **polar solvents fires**

*concentration of use can be adapted on special solvents



▲ PERFORMANCE

ECOPOL is your eco-friendly efficient answer.

Certificates & conformities:

- European standards: EN 1568 1-2-3-4
- Oil industry: LASTFIRE - GESIP
- Marine: VERITAS
- High Expansion: APSAD R12
- Nuclear industry (PMUC)
- Aviation: ICAO level B

Application:

- Usable at **Low, Medium and High Expansion**
- Usable with portable equipment and in fixed installations (sprinklers deluge, foam chambers, High Expansion flooding...)

They have made the choice for ECOPOL:

Recognized names of oil, chemical, pharmacy, nuclear, marine, aviation, fire brigades...



▲ ENVIRONMENT

« European law published on 20/12/2006 forbids the use of products containing fluorinated materials like PFOS. All available AFFF are now made with fluoro compounds based on telomer process of a different kind (example: PFOA, PFHxA...). Numerous studies are actually undertaken to assess the impact of these fluoro compounds on environment and on public health. US environment Agency (EPA) has already classified PFOA as carcinogenic. »

We consider that 1 ton of AFFF contains up to 10 Kgs of fluoro surfactants (PFS) which can contaminate persistently 2 million of m³ of water. Less than 30 years after the creation of AFFFs (1970), we can find these fluorocompounds (PFC) in all blood samples in all kind of living beings worldwide, including polar bears, up to a concentration with a level of concern.

For Bio-Ex, we are convinced of the toxicity of all perfluoro compounds, that is the reason why we have been developing ECOPOL, AR-Foam totally fluoro-free, able to replace AFFF and combining **environment respect & high performance**. ECOPOL has equal or better performance than most AFFF foams, when tested to the oil industry fire test known as "LASTFIRE".

ECOPOL is formulated with a renewable natural foaming basis: coprah fatty acids (coco/palm oil) origin **100% natural**.

ECOPOL is **100% biodegradable**, after its shelf life is gone, it can be digested in a water treatment plant without need of incineration.

ECOPOL does not pollute groundwater.

ECOPOL matches the requirement for standard **ISO 14001** and is **classified WGK1** (Water Pollution Class) by the Hygiene Institut of Gelsenkirchen, Germany.



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