



ECO CAF[®]
COMPRESSED AIR FOAM

ECOPOL PREMIUM

from

BIOEX[®]
High performance foams

HYDROCARBON AND POLAR SOLVENT FIRES

FLUORINE FREE AR SYNTHETIC MULTI-RISK
FOAM CONCENTRATE

- *Best performance European Standard*
- *EN 1568 1,2,3 and 4*
- *Polyvalent AR (Alcohol Resistant)*
- *Ecological (Fluorine-Free Foam)*
- *Fully biodegradable*



ECOPOL PREMIUM

A FLUORINE-FREE FOAM CONCENTRATE AS EFFICIENT AS THE BEST AR-AFFF!

- **2002:** At **BIOEX** we were convinced of the harmfulness of fluorine derivatives and were already working to preserve our environment by launching **ECOPOL**, the first fluorine-free multi-purpose foam concentrate.
- **2017:** **BIOEX** launched the new formula **ECOPOL PREMIUM** to achieve the best performance classification:
 - On hydrocarbon fires : **Certified 1A/1A EN 1568-3**
 - On polar solvent fires: **Certified 1A/1A EN 1568-4.**

THE BEST EFFICIENCY ON HYDROCARBON AND POLAR SOLVENT FIRES

- The extinguishing effectiveness of **ECOPOL PREMIUM** on hydrocarbon fires can be compared to an AFFF foam concentrate (Aqueous Film Forming Foam) that contains fluorine. The multi-purpose AR (Alcohol Resistant) foam concentrate works by generating a protective gel film on the surface of all types of flammable polar solvent liquids.
- **ECOPOL PREMIUM** provides exceptional resistance to burn back similar to fluoro protein concentrates.

A HIGHLY FOAMING POWER WHICH INCREASES THE EFFECTIVENESS

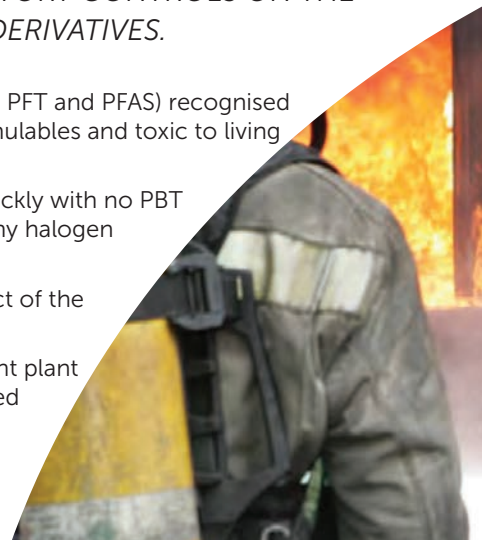
- The adhesive nature of the foam generated, combined with its slow drainage time, allows durable adherence on vertical surfaces. **ECOPOL PREMIUM** is efficient on solid fires by its wetting and foaming properties.



ENVIRONMENT

AS A TOTALLY FLUORINE-FREE FOAM CONCENTRATE, **ECOPOL PREMIUM** IS NOT CONCERNED BY CURRENT OR FORTHCOMING REGULATORY CONTROLS ON THE PROHIBITION ON PRODUCTS CONTAINING FLUORINE DERIVATIVES.

- **ECOPOL PREMIUM** is completely free of fluorine derivatives (PFC, PFT and PFAS) recognised as persistent in the environment, that are detrimental as bioaccumulables and toxic to living organisms.
- **ECOPOL PREMIUM** is classified biodegradable. It breaks down quickly with no PBT (Persistent Bioaccumulable Toxic) residue and does not contain any halogen derivatives.
- The use of **ECOPOL PREMIUM** is the alternative combining respect of the environment with a highly effective fire extinguishing capability.
- Depending upon the absorption capacity of your sewage treatment plant and your spillage agreement, **ECOPOL PREMIUM** can be eliminated without resorting to incineration.





EFFECTIVENESS ON FIRES

- Efficiency in direct application equal to AFFF foam concentrates
- Exceptional quality of the protective gel film on polar solvents
- Resistance to reignition as reliable as the best protein based foams
- As efficient with fresh water as sea water
- 100 % free of fluorine derivatives (without PFC, PFT, PFOA and PFOS)



EXTINGUISHING PERFORMANCES

CERTIFICATIONS:

- Equivalent to the best AFFF:
certified 1A / 1A - EN 1568-3
- Highest AR classification:
certified 1A / 1A - EN 1568-4
- Burn back resistance equal to the best fluoro protein foams
- Effective at Medium Expansion
 - (certified EN 1568-1) and High Expansion
 - (certified EN 1568-2)
- Effective on class A and B fires
- Class A:
CEREN certificate

USE:

- Effective on industrial fires: landfills, plastics, tires, etc.
- Effective on hydrocarbon fires: fuel, diesel oil, petrol, kerosene, etc.
- Effective on polar solvent fires: alcohols, ketones, ethers etc.
- Effective on urban fires: waste bins, furniture, textiles, etc.
- Effective at Low, Medium and High Expansion.
- Compatible with most dosing systems.
- Can be used with mobile and fixed fire fighting systems.



**10-YEAR
WARRANTY**

ECOPOL PREMIUM

YOUR HIGH PERFORMANCE ECOLOGICAL SOLUTION

CERTIFICATIONS:

- European standards: EN 1568 parts 1. 2. 3. 4

ECOPOL PREMIUM		3 x 3 % Version	3 x 6 % Version
EN 1568-1		Conform	Conform
EN 1568-2		Conform	Conform
EN 1568-3	Fresh water	1A	1A
	Sea water	1A	1A
EN 1568-4	Fresh water	1A	1A
	Sea water	1A	1A

- Class A : CEREN certificate
- Oil industry: LASTFIRE
- Certification in progress : UL 162 / GESIP

**10-YEAR
WARRANTY**



THEY CHOSE ECOPOL:

Recognized names in the oil and chemical industry, pharmaceutical industry, aviation, marine, and fire and rescue services... are confident using it.



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