

ZERO

FIRE SYSTEMS
industrial fire protection



▶ **ECOPOL F3 HC** by **BIOEX**

**Ecological foam concentrate
Specially for Hydrocarbon Risk**

- ▶ Fluorine-free Foam F3
- ▶ EN 1568-3 : 1A at 3%
- ▶ More effective than the best AFFFs

NEW

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EFFECTIVENESS ON FIRES

THE first fluorine-free 3% foam concentrate for hydrocarbon fires that performs better than the best AFFFs

- ▶ 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.
- ▶ 2015: We launch the new formula ECOPOL F3 HC specially developed to create the first fluorine-free 3% foam concentrate with an exceptionally fast extinguishing action on hydrocarbon fires.

1A-certified extinguishing performance according to EN 1568-3 standard

- ▶ Can be used at 3% in direct application on hydrocarbon fires.
- ▶ Certified by an independent recognized laboratory, ECOPOL F3 HC has obtained the best 1A performance classification under EN 1568-3 standard.

ECOPOL F3 HC

The foam concentrate for hydrocarbon fires thanks to:

- ▶ Excellent smothering properties equal to the best AFFF foams.
- ▶ Very long burn back time equal to the best protein foams
- ▶ Its performances: 1A/Fresh water and 1A/Sea water
- ▶ Low environmental impact

Powerful foaming capability!

The adhesive nature of the foam generated, combined with its slow drainage, offers durable adherence on vertical surfaces.

It is used as a protective fire barrier for long-lasting cooling of storage containers or hydrocarbon tanks.



EXTINGUISHING PERFORMANCES

USE :

- ▶ Effective at Low Expansion.
- ▶ Can be used on hydrocarbon fires such as fuel oil, diesel, petrol, kerosene, etc.
- ▶ Compatible with most dosing systems.
- ▶ Usable in mobile and fixed fire extinguishing resources.

ENVIRONMENT

As a totally fluorine-free foam concentrate, ECOPOL F3 HC is not subject to current or forthcoming regulatory controls on products containing fluorine derivatives.

ECOPOL F3 HC is completely free of fluorine derivatives (PFCs, PerFluorinated Compounds) recognized as Persistent in the environment, Bioaccumulable and Toxic to living organisms.

ECOPOL F3 HC is classified as readily biodegradable. It breaks down rapidly **with no PBT (Persistent Bioaccumulable Toxic) residue** and contains **no halogen derivatives**.

The use of ECOPOL F3 HC is the alternative for combining respect for the environment with highly effective fire extinguishing capability.

Depending on the absorption capacity of your sewage treatment plant and your spillage agreement, ECOPOL F3 HC foam can be eliminated **without resorting to incineration**.



ECOPOL F3 HC

ECOPOL F3 HC is your high-performance ecological fire extinguishing solution.



CERTIFICATES & CONFORMITIES:

- European standards 1A fresh water & 1A sea water: EN 1568-3.
- Marine: VERITAS.

FEATURES:

- Can be used at 3% on hydrocarbon fires.
- 6% version available on request.

WARRANTY:

- 10 years.

THEY CHOSE ECOPOL:

Recognized names in the oil and chemical industry, pharmaceutical industry, nuclear, marine, aviation, fire brigades...

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