

ZERO⁰

FIRE SYSTEMS
industrial fire protection



ECOPOL **F3 AR** **PREMIUM**

Ecological all-risk foam concentrate

- ▶ Equivalent to the best AFFF: 1A EN 1568-3
- ▶ Highest AR classification: 1A EN 1568-4
- ▶ Effective on class A fires
- ▶ Fluorine free

by **BIOEX**

NEW

ECOPOL F3 AR PREMIUM

Ecological all-risk foam concentrate

- ▶ Equivalent to the best AFFF: 1A EN 1568-3
- ▶ Highest AR classification: 1A EN 1568-4
- ▶ Effective on class A fires
- ▶ Fluorine free



EFFECTIVENESS ON FIRES

A FLUORINE FREE foam concentrate as efficient as an AFFF-AR !

- ▶ 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 AR Premium to achieve the best performances:
 - > On hydrocarbon fires: 1A EN 1568-3
 - > On polar solvent fires: 1A EN 1568-4.

Greater efficiency on hydrocarbon and polar solvent fires !

The extinguishing effectiveness of ECOPOL F3 AR 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 and provides exceptional resistance to re-ignition.

ECOPOL F3 AR PREMIUM

An excellent foam concentrate for use on hydrocarbon and polar solvent fires:

- ▶ Efficiency in direct application equal to that of AFFF
- ▶ Resistance to reignition as reliable as the best protein based foams
- ▶ Exceptional quality of the protective gel film on polar solvents
- ▶ Efficient with freshwater and seawater
- ▶ Very low impact on the environment

A powerful foaming capability which increases the effectiveness!

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

ALL-RISK / MULTI-APPLICATIONS EXTINGUISHING PERFORMANCES

USE:

- ▶ Effective on industrial fires: landfills, plastics, tyres, 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 the most of dosing systems.
- ▶ Can be used with mobile and fixed fire fighting systems.



ENVIRONMENT

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

ECOPOL F3 AR Premium is completely free of fluorine derivatives (PFCs, PerFluorinated Compounds) recognized as persistent in the environment, that are detrimental as bioaccumulables and toxic to living organisms.

ECOPOL F3 AR Premium 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 AR Premium is the alternative for combining respect for the environment with a highly effective fire extinguishing capability.

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



ECOPOL F3 AR PREMIUM

ECOPOL F3 AR Premium is your high-performance ecological solution.



CERTIFICATES & CONFORMITIES IN PROGRESS:

- European standards: EN 1568 1. 2. 3. 4
- Oil industry: GESIP - LASTFIRE
- Marine: VERITAS
- Forest fire standards: Ceren Certificate
- International standard: UL 162

FEATURES:

- Can be used at 3% on hydrocarbon fires
- Can be used at 6% on polar solvent fires
- Can be used from 0,3% on class A fires

WARRANTY:

- 10 years

THEY HAVE CHOSEN ECOPOL:

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



ZERO Fire Systems B.V.
Aert van Nesstraat 1G
2901BH Capelle aan de IJssel

www.zerofiresystems.nl
+31 (0)10 44 22 525
info@zerofiresystems.nl

ZERO
FIRE SYSTEMS
industrial fire protection