



ECO CAF[®]
COMPRESSED AIR FOAM

ECOPOL F

from

BIOEX[®]

High performance foams

CLASS A WILDLAND FIRES

**CLASS A FOAM CONCENTRATE –
WETTING AGENT FOR CLASS A WILDLAND FIRES**

- *Effective on Class A wildland, forest, bush fires from 0.1% to 1%*
- *High wetting properties to make water more effective for in-depth firefighting*
- *Eco-friendly: fluorine-free and 100% biodegradable*
- *As efficient with salt, fresh, and brackish water*
- *USDA Forest Service qualified QPL-listed*
- *GreenScreen certified*



ECOPOL F

ENVIRONMENT



ECOPOL F from **BIOEX** is an ecological solution for forest fires (Class A) which does not contain fluorinated derivatives (PFAS chemicals including PFOS or PFOA) or PBTs (Persistent, Bioaccumulative and Toxic substances). **ECOPOL F** is **100% biodegradable** with no impact on environment.

ECOPOL F is **GreenScreen certified**, an eco-label for foams free of PFAS or other chemicals of high concern to people and environment.

ECOPOL F is **non-toxic and non-corrosive**. This foam concentrate **does not have impact on animals and vegetation**.

ECOPOL F is compliant with the EPA Stewardship Program (US Environmental Protection Agency) and GWD (European Groundwater Directive).



EFFECTIVENESS ON FIRES

Thanks to its **high wetting properties**, **ECOPOL F** is an ecological solution to extinguish efficiently wildland fires (forest, brush...). **ECOPOL F** provides optimum **effectiveness for wildland fire suppression with salt water, fresh water, and brackish water at all levels of hardness**.

Wetting properties: The use of **ECOPOL F** surfactants reduces water's surface tension and allows to penetrate and extinguish embers at depth and therefore be more effective and quicker than water alone. Thus it reduces efficiently the amount of water needed. Its long drain time provides longer surface wetting and prevents the fire from reigniting. **ECOPOL F** wetting properties are among the best ones on the market.

Expansion properties: When mixed with air, **ECOPOL F** creates a high-quality foam blanket which insulates fuel from air and cools the fuel. The adhesive nature of the foam makes it possible to adhere to vertical surfaces for an extended period.

Exposure protection and mop-up/overhaul can be completed with **ECOPOL F** for additional and faster fire control and extinguishment.

EXTINGUISHING PERFORMANCES



CERTIFICATIONS:

- USDA Forest Service (under 5100-307a specification) QPL listed qualified for all application methods: ground engines, water-scoopers, airtankers (SEATS), fixed-tank helicopters and helicopter buckets
- GreenScreen certified



USE:

- Usable from 0.1% as wetting agent to 1% on Class B fires.
- Applicable on class A wildland fires:
 - Forest fires: scrub, trees...
 - Bushfires...
- Also applicable on contained class B fires
- Efficient with salt water, fresh water, and brackish water at all levels of hardness

- Effective at Low, Medium and High Expansion
- Compatible with long-term fire retardant
- Non-corrosive
- Suitable for use with all dosage systems and discharge firefighting equipment:
 - ground fire suppression system (CAFS, foam proportioner...)
 - water scooper
 - airtanker
 - fixed-tank helicopter
 - helicopter bucket

THEY CHOSE ECOPOL F from BIOEX

Fire departments and civil defense are confident using it against wildland fires.

10-year warranty



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