



**BIO FOR**

by **BIOEX**

### **Ecological wetting and foaming agent**

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- ▶ Effective on solid fires from 0,1%
- ▶ Effective on hydrocarbon fires at 0,3%

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## EFFECTIVENESS ON FIRES

**100% of the BIO FOR formula is easily biodegradable.**

It is the ecological solution to putting out solid fires (class A) thanks to its wetting and foaming properties. BIO FOR line additives provide optimum effectiveness when putting out solid fires: forest fires, urban fires, industrial fires, etc.

- **Wetting properties:** Thanks to its affinity for solids, BIO FOR wetting and foaming agent penetrates embers deeply and puts them out. This specificity increases the extinguishing properties of the BIO FOR additive and prevents the fire from restarting.
- **Foaming properties:** BIO FOR can be applied as a protective fire barrier. Indeed, the adhesive nature of this fire-fighting foam makes it possible for it to adhere to vertical surfaces for an extended period. The application of a wide strip of BIO FOR during a forest fire for example, makes the vegetation fire proof and stops the progression of the fire. BIO FOR additives are also effective on hydrocarbon fires such as burning vehicles...

## EXTINGUISHING PERFORMANCES

### USE:

- Effective at Low, Medium and High Expansion.
- Can be used in mobile and fixed fire fighting systems (foam box, High Expansion generators, fire hose stations, CAFS system, etc).
- Compatible with all dosage systems (contains corrosion inhibitors).
- Applicable on class A fires:
  - Forest fires: brush, trees...
  - Urban fires: apartments, houses, farms, warehouses, vehicles...
  - Industrial fires: landfills, textiles, plastics, tyres...
- Applicable on hydrocarbon fires: vehicle fires...

### CERTIFICATES & COMPLIANCES:

- European standards: EN 1568 1-2-3.
- Marine: VERITAS.
- Forest fire standards: CEREN Certificate, Draves test AATCC 17-2005.
- International standard: UL listed, NFPA 18.

### ECONOMICAL:

- Usable from 0,1% (ultra concentrated) on class A fires and at 0,3% on hydrocarbon fires. Thanks to its fast extinction speed with no burn back, BIO FOR gives a reduction of water consumption which increases the autonomy of fire trucks.

### WARRANTY:

- 10 years.

### THEY HAVE CHOSEN BIO FOR:

Fire Brigades and Industry are confident using it.

## ENVIRONMENT

BIO FOR foam is the ecological solution to solid fires (Class A), because **it contains no fluorine derivatives or PBTs** (Persistent Bioaccumulative Toxins). It is easy to dispose of BIO FOR because **it is biodegradable.**

BIO FOR is also compliant with the European ground water directive: **it contains no halogen derivatives.** Over 90% of fire service interventions are for this type of fire. Fire brigades therefore have a direct interest in its ecological and biodegradable properties.

