

### DESCRIPTION

FLUOFOAM 3 is a fluorosynthetic foam AFFF, based on the combination of surfactants selected for their foaming property and their resistance to dehydration and heat. The film-forming property AFFF gives to FLUOFOAM 3 a high speed of extinction on hydrocarbon fires thanks to the aqueous film which insulates the fuel surface from the air.

▲ **Foaming power** : FLUOFOAM 3 is usable at Low Expansion. This fluid foam is not contaminated on hydrocarbons and enables a forceful application.

FLUOFOAM 3 is usable at Medium Expansion to create a foam blanket to protect against burnback.

▲ **Fuel fires** : FLUOFOAM 3 is efficient on all hydrocarbon fires, such as diesel, kerosene, petrol...

▲ **Environment** : FLUOFOAM 3 is easily biodegradable.



### PHYSICAL DATA

|                            |                                |
|----------------------------|--------------------------------|
| Appearance                 | yellow liquid                  |
| Specific gravity at 20°C   | 1.01 ± 0.02 Kg/dm <sup>3</sup> |
| pH at 20°C                 | 8.0 ± 1.0                      |
| Viscosity at 20°C          | 4 ± 2 cStokes                  |
| Sediments                  | 0 %                            |
| Surface tension at 3 %     | 17 ± 2 mN/m                    |
| Interfacial tension at 3 % | 2 ± 1 mN/m                     |
| Freezing point             | - 5°C                          |
| Temperature of use         | 0°C / + 50°C                   |

### FOAM QUALITY AT 3 %

|                    |             |
|--------------------|-------------|
| Low Expansion      | > 7*        |
| Drainage time 25 % | > 2 minutes |
| Medium Expansion   | > 40*       |

\* Foam expansion values depend on the equipment



### PERFORMANCES & APPLICATIONS

FLUOFOAM 3 complies with standards :

- ▲ EN 1568-3
- ▲ Navy : Bureau Veritas certificate

FLUOFOAM 3 can be used with tap water, sea water and brackish water at 3% on hydrocarbon fires. It is compatible with dry extinguishing powders and it is suitable with all kind of known equipment.

### WARRANTY & SERVICES

FLUOFOAM 3 has a 10 years warranty in its original packaging and at storage temperatures -30°C/+60°C.

Our Quality Control Laboratory offers its analytical expertise BIO-LAB.

Safety Data and Environment Data are available upon request : [contact@bio-ex.fr](mailto:contact@bio-ex.fr)