

# BIOEX<sup>®</sup>

● High performance foams

## ECOPOL A3+ MILSPEC

### SYNTHETIC FLUORINE-FREE FOAM CONCENTRATE



### AIRCRAFT HYDROCARBON FIRE PROTECTION

DESIGNED FOR US MILITARY  
AND CIVILIANS AIRPORTS  
LAND BASED OPERATIONS

- MILSPEC CERTIFIED (MIL-PRF-32725)
- LIQUID CONCENTRATE:  
Compatible with all foam dosing systems and  
automated equipment
- BIODEGRADABLE



# ECOPOL A3+ MILSPEC

FLUORINE-FREE FOAM REPLACEMENT SOLUTION TO AFF  
ON AVIATION HYDROCARBON FUEL

• **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.

• **2017:** **BIOEX** started to work on a non-fluorinated foam dedicated to aircraft fires.

• **2020:** After long and extensive research, **BIOEX** launched the new **ECOPOL A+** formula. A fluorine-free foam offering a more stable and effective foam on a wider variety of hydrocarbon fires.



## ECOPOL A3+ MILSPEC THE NEW ADDITION TO THE BIOEX RANGE, YOU WILL BE HEARING ABOUT IT !

**2024:** **BIOEX** is once again proving its capability to innovate and offer high-efficiency products by **launching the cutting-edge ECOPOL A3+ MILSPEC foam concentrate!**

U.S. airport authorities and other government agencies are obligated to use MIL-SPEC qualified products!  
With the new regulation MIL-PRF-32725, the transition to fluorine-free foam is required for foam concentrate.

**BIOEX, EXPERT IN SFFF, IS THE BEST PARTNER FOR YOUR TRANSITION!**



## EXTINGUISHING PERFORMANCES

- **High performances on new fuels listed on MIL-SPEC standard**
  - Gasoline & JET A: Primary hazard at military installations.
- **Advanced fire tests at nominal, half and double strength**
  - Proven effectiveness in all situations.
- **Liquid concentrate of ECOPOL A3+ MILSPEC**
  - Compatible with most dosing systems and automated equipment.  
No need to change installations switching from AFFF to SFFF (F3).
- **Extensive biodegradability and toxicity tests**
  - To validate ECOPOL A3+ MILSPEC is harmless for the environment and easily biodegradable.
- **High extinguishing performance on hydrocarbon fires (class B)**
  - Excellent burnback resistance.
- **Forms a foam blanket above the fuel**
  - Adheres to vertical surfaces to insulate them thermally.



## MAIN FEATURES:

- Dilution rate: 3%
- Performances tested according to MIL-PRF-32725 with fresh water
- Fluorine and silicone/siloxane-free
- Liquid concentrate
- Compatible with dry chemical

## USE:

- Low and medium expansion
- Can be used in mobile and fixed firefighting systems
- As a liquid foam concentrate it is compatible with all foam dosing system and automated equipment
- Applicable on hydrocarbon fires such as diesel, kerosene, JET A, gasoline



## ENVIRONMENT

AS A TOTALLY FLUORINE-FREE FOAM CONCENTRATE, **ECOPOL A3+ MILSPEC** IS NOT CONCERNED WITH CURRENT OR FORTHCOMING REGULATORY CONTROLS ON PRODUCTS CONTAINING FLUORINE DERIVATIVES.

**ECOPOL A3+ MILSPEC** is completely free of PFAS fluorine derivatives (PFC, PFT, PFOA and PFOS) recognized as persistent in the environment, bioaccumulative and toxic to living organisms. No PFAS intentionally added

**ECOPOL A3+ MILSPEC** is classified biodegradable. It breaks down quickly with no PBT (Persistent Bioaccumulable Toxic) residue. It does not contain any halogen derivatives and is formulated without silicone compound for the preservation of the environment.

The use of **ECOPOL A3+ MILSPEC** is the alternative combining respect of the environment with highly effective fire extinguishing capability.

Depending upon the absorption capacity of your sewage treatment plant and your spillage agreement, **ECOPOL A3+ MILSPEC** foam can be eliminated without resorting to incineration.



**THEY HAVE  
CHOSEN BIOEX:**

-  **C.A.P.A.** Canadian Airports Procurement Association,
-  **Paris Airport, French Air Force,**
-  **Finnish Air Force**

**AND MANY OTHERS AROUND THE WORLD!**





# **ECOPOL A3+ MILSPEC**

**YOUR HIGH PERFORMANCE ECOLOGICAL SOLUTION**

## **CERTIFICATIONS:**

- MIL-SPEC certified: MIL-PRF-32725

## **APPLICATION:**

- Airport

## **THEY HAVE CHOSEN BIOEX®:**

A large number of national and international airports.

**10-year warranty**

# **BIOEX®**

**THE PARTNER TO UNDERTAKE YOUR  
FLUORINE-FREE FOAM TRANSITION !**

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