

DESCRIPTION

Especially for **HYDROCARBON** risks and Environment-friendly, **ECOPOL 3N** is the real alternative to traditional film-forming foam concentrates.

Performance on fires of **ECOPOL 3N** allows direct projection into the hydrocarbon fuels.

This synthetic FFF (Fluorine Free) foam concentrate, of new generation, is based on the combination of surfactants resistant to contamination.

▲ **Foaming ability:** **ECOPOL 3N** is usable at Low and Medium Expansion.

▲ **Fuel fires:** **ECOPOL 3N** is efficient on hydrocarbon fires such as diesel, crude oil, petroleum distillate, kerosene...

▲ **Environment:** **ECOPOL 3N** is harmless for the environment and **completely biodegradable**.

ECOPOL 3N is totally fluorine-free.

It is not subject to regulatory constraints in force and future on fluorinated compounds.



PHYSICAL DATA

	ECOPOL 3N
Appearance	Green liquid
Specific gravity at 20°C	1.04 ± 0.04
pH at 20°C	7.5 ± 1.0
Viscosity at 20°C*	< 15 mPa.s
Sediments	0 %
Surface tension at 3%	25 +/- 2 mN/m
Freezing point	- 10°C
Temperature of use	-9°C / + 50°C

* Cone and plate viscometer at 375 s⁻¹

FOAM QUALITY

Concentration of use 3%	ECOPOL 3N
Low expansion	> 7*
Drainage time 25 %	> 8 minutes
Medium expansion	> 30*

* Foam expansion and drainage values depend on the equipment



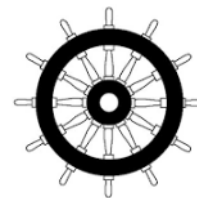
PERFORMANCES & APPLICATIONS

ECOPOL 3N complies with standards:

- ▲ **EN 1568-3**
- ▲ **Oil Industry : Gesip certificate**
- ▲ **Navy : Approved to IMO MSC.1/Circ.1312, MED/3.58 • DNV**

ECOPOL 3N can be used with fresh, sea or brackish water at 3% on hydrocarbon fires.

It is compatible with dry extinguishing powders, and it is suitable with all kinds of known equipment.



WARRANTY & SERVICES

ECOPOL 3N has a 10 year warranty in its original packaging 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