



AUXQUIMIA
Fire fighting products

**THE
FOAM
SOLUTION**



FLUOPOL™ P6

FLUOPOL™ P6 is synthetic foam compound FSF (fluorosurfactants free) for extinction of hydrocarbon and polar solvent fuel fires (polyvalent) when used in conjunction with low, medium and high expansion equipment.

FLUOPOL™ P6 contains fluoropolymers and high molecular weight polymers which produce foams with low draining and show a very good resistance on common foam destruction produced by alcohols and other polar solvents.

It may be used with low expansion foam equipment (hand nozzles, monitors, foam chambers, etc.), medium expansion foam branches and high expansion foam generators.

Goodness of **FLUOPOL™ P6** is a top performance when used with high and medium expansion equipment, where it supports the forceful application, even on polar solvents.

It is ideal to protect warehouses when storing paints, solvents, alcohols, etc. The expansion ratios of FLUOPOL™ are much superior than an standard AFFF-AR.

Moreover, it can be used with high expansion equipment in “hot foam” systems where the foam generators can aspirate internal warm air containing smoke and combustion products, thanks to its very good water retention. It must be applied gently when low expansion devices are used.

FLUOPOL™ P6 dilution rate is available at 6% to perform extraordinarily on fresh or sea water. It may be proportioned with standard equipment (in-line inductors, bladder tanks, balanced pressure systems, etc.)

A-33018003

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ICL
Where needs take us

FLUOPOL™ P6

SPECIFICATIONS

CONCENTRATE	
Specific gravity @ 20°C	1.05
pH @ 20°C	7 —7.5
Viscosity, cone and plate, 375/75 s-1 mPa.s @ 20°C	75/200 @ 0°C 110/290
Freezing point, °C	<-5
Lowest temp. for using, °C	-5

FOAM SOLUTION	
Dilution rate	6%
Surface tens. at 20°C, mN/m (Demineralised water)	23.0
Interfacial tens. with cyclohexane at 20°C, mN/m	3.5
Low Expansion / Medium Expansion / High Expansion	
Foam Expansion Index (L/M/H)	9.0 / 120 / 929
25% Drainage Time, min:s (L/M)	25:00 / 30:00

PERFORMANCE

The foam has approval certification according with EN-1568-1(medium expansion), EN-1568-2(high expansion), EN-1568-3 (hydrocarbons) and EN-1568-4 (polar solvents).

Standard	EN-1568-1	EN-1568-2	EN-1568-3	EN-1568-4
Application	-		Gentle	Gentle
Dilution rate, %	6	6	6	6
Fuel	Heptane	Heptane	Heptane	Acetone
Water	fresh	fresh	fresh	fresh
Extinction	0:50	0:43	2:03	1:47
Burnback 25%	1%, 2:30	-	39:00	31:18
Classification	Pass	Pass	IIIB	IA

EN 1568:
2008 Parts 1&2

EN 1568:
2008 Parts 3&4

PACKING

The product is supplied in 20 or 25 L PE prismatic containers, 200 L PE cylindrical drums and 1.000 L IBC containers.

STORAGE

The concentrate should be stored at temperatures between -5° and +50°C, preferably in the original containers or in stainless steel or epoxy lined tanks. Avoid permanent contact with carbon steel, iron, copper alloys, aluminium, etc. Do not mix with other foam concentrates without a previous verification of compatibility.

CAUTIONS

Foams should neither be used in contact with electrical equipment nor with chemical products that can react with water. It is recommended to avoid the contact of the foam concentrate with the skin. In case of eye splashes wash with plenty of water. In case of ingestion do not induce vomit, drink water and take medical advice.