



PRODUCT DESCRIPTION

MAK-1 is a long-term retardant based on ammonium polyphosphate. It is used to extinguish forest fires using aerial and ground means.

MAK-1 is supplied as a concentrated liquid to facilitate mixing and in line pumping to the aircraft.

MAK-1 contains additives that increase the final viscosity, reducing dispersion and improving the efficacy and the precision of the application on forest fires.

***MAK-1** is regulated by UNE: 23530. November 2021

PHYSICOCHEMICAL PROPERTIES

Appearance: Concentrate liquid based on ammonium polyphosphate.

Colour: Red fugitive.

P_2O_5	30 - 35	%
N total:	10	%
Density (25 °C) (Concentrated)	1.36 - 1.44	g/cc
Density (25 °C) (Diluted)	1.06 - 1.10	g/cc
pH	6 - 7	-
Viscosity (25 °C) (Concentrated)	500 - 1000	cP





TECHNICAL SHEET

MAK-1

LONG TERM RETARDANT

USE AND OPERATIONS

MAK-1 is easily dissolvable in water and the ratio is 1 volume of **MAK-1** to 4 or 6 volumes of water. The percentage of addition of **MAK-1** in water depends on the applied ratio:

- 20% when the final ratio is 1:4 (in volume).
- 16.6 % when the final ratio is 1:5 (in volume).
- 15.4 % when the final ratio is 1:5.5 (in volume).

It is recommended to homogenize the concentrated liquid and/or the diluted product before use.

MAK-1 is compatible with all types of water.

MAK-1 could be used in different temperatures (-10°C to 60°C).

TYPE OR SUPPLY AND STORAGE

MAK-1 is supplied in bulk by ground tankers or in IBC tanks of 1000 litres of capacity.

Net weight 1.380 kg (1.435 kg gross).

MAK-1 could be stored for two years.

MORE INFORMATION

www.barricadebrs.com

info@barricadebrs.com



BARRICADE RETARDANTS & SERVICES
Polígono Industrial La Corona, Calle C
50.740 Fuentes de Ebro (Zaragoza)
www.barricadebrs.com