

# FOREXPAN



Wetting additive

## FOR FOREST FIRES

FOREXPAN is a foaming additive specially developed to fight against forest fires.

FOREXPAN is a blend of hydrocarbon synthetic foaming agents and stabilisers specially formulated to produce foams with a high capacity for retaining water when used at low use levels.

## APPLICATION

FOREXPAN is intended for land and air attack on forest.

Foam mostly works by:

- Smothering the fire thanks to a foam blanket.
- Water penetration and spreading when used at low surface tension on vegetation.
- Humidification and rehydration of vegetation.
- Controls evaporation.

### CONCENTRATION USE

0,3 % to 0,6 %



## GENERAL CHARACTERISTICS

(According to NF EN 1568 standards)

### Concentrate

	FOREXPAN
Specific gravity	1,04 kg/l
pH à 20° C	7,0
Viscosity at 20° C	20 mm <sup>2</sup> .s
Pour point	< -15° C
Sediment rate	< 0,1%
Flash point	> 120° C

### Foam

Concentration	water + FOREXPAN	
	0,5%	1%
Low expansion	8,0	10,0
Medium expansion	70	100

### Solution

Surface tension	water + FOREXPAN
at 1%	23 mN/m
at 0,6%	23 mN/m
at 0,3%	24 mN/m
at 0,1%	28 mN/m
at 0,05%	30 mN/m

FOREXPAN has been tested by CEREN as wetting-foaming additives for land and air attack on forest fires. A comprehensive report is available.