TECHNICAL INFORMATION

WhitEx LF

LONG TERM RETARDANT

DESCRIPTION

The composition of WhitEx LF is based on a mixture of synthetic hidrocarbonated surfactants together with solvents, stablizers, fireproofing salts, anticorrosive agents and other additives that form a homogeneus mixture of low viscosity and pseudoplastic nature.

It is used as long term retardant to fight against class A fires (solids).

The work of this foam can be summarized as follows:

- It speeds up the extinguishing process.
- The foam contains fireproofing salts to avoid the formation of brass in class A fires which results in a more secure extinguishing.
- It forms a stable and homogeneous foam, with long drain time, which provides a protection against fire and radiant heat in the treated area.

APPLICATION

WhitEx LF is used directly over the area to treat

The application of the product can be done with aerial means, explosion pumps or foam nozzles.

It has no negative effect on reforestation of the areas where it was used because it does not contain elements harmful for the soil.

TYPICAL PHYSICAL PROPERTIES OF CONCENTRATE

Appearance	Liquid
Density, g/cm^3	(1,04-1,05)
pH	6,0-7,5
Viscosity, mPa.s at 20°C (375s^{-1})	<25
Viscosity, mPa.s at 20°C (75s^{-1})	<60
Freezing point	<-1°C
Low expansion index	>6,0
Drainage time, 25%	>45´

TYPICAL CHEMICAL PROPERTIES OF CONCENTRATE

%P2O5	3.2

SHELF LIFE

The factors affecting shelf life and stability for this foam concentrate are the following: big temperature changes, handling procedures, extremely high or low temperatures and contamination by unknown materials.

Its shelf life is about 10 years if the storage is done according to the recommendations of vs FOCUM.

Annual testing of all firefighting foams is recommended by the National Fire Protection Association (NFPA).

STORAGE AND HANDLING

WhitEx LF should be stored in the original shipping containers or in other special containers specially designed for this type of products (stainless steel or epoxy lined tanks).

Place the storage containers in an area at temperatures between –1°C to 50°C.

If the product is frozen during storage or transportation, thawing will render the product completely usable. Mixing after freeze thaw cycle is recommended.

ORDERING INFORMATION

It is available in plastic Pail (20, 25 or 60 L), Drum (200 L), Container (1000 L) and Bulk.