

ARCTIC HIGH-EXPANSION FOAM

ARCTIC HI-EX FOAM is a synthetic, foaming agent containing, among other ingredients, a blend of hydrocarbon based surface active agents.

It is a foam liquid of the type Synthetic Detergent and specially designed to be used in medium and high expanding, air aspirating foam generators to produce foam with *expansion ratios* from 200:1 to more than 1000:1 depending of the type of generator.

Used as high expansion foam the product is primarily used to extinguish fires in inaccessible areas, like warehouses, with displacement of air as main extinguish mechanism.

The induction rate for **ARCTIC HI-EX FOAM** is 1-2% and the generated foam shows very good fire suppression capability.

The low mixture rate makes **ARCTIC HI-EX FOAM** economical to use.

ARCTIC HI-EX FOAM is a state of the art product with low environmental impact and virtually non-toxic

ARCTIC HI-EX FOAM can be applied simultaneously to a fire situation where other types of foam are already in use.

PROPERTIES

<i>Visual:</i>	Clear, transparent liquid
<i>Specific gravity (25° C):</i>	1,00 kg/l
<i>pH (25° C):</i>	7,5
<i>Viscosity(25° C):</i>	< 20 mm ² /sec
<i>Frost resistance: (no quality loss after thawing)</i>	- 2° C.
<i>Minimum use temp:</i>	2° C
<i>Storage temp:</i>	< 50° C
<i>Sediments:</i>	none

Spreading coefficient: *)

Foam expansion depending on water pressure and type of equipment:

very low expansion:	*)
low expansion:	*)
medium expansion:	*)
high expansion:	*)

25% drainage time: *)

Product guarantee: 10 years when stored in original package

Salt, fresh and brackish water can be used

*) DO NOT APPLY