

PRODUCT DATA SHEET

SOLBERG HIGH EXPANSION FOAM

SOLBERG® 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 SOLBERG HI-EX FOAM is 1-2% and the generated foam shows very good fire suppression capability. The low mixture rate makes SOLBERG HI-EX FOAM economical to use.

SOLBERG HI-EX FOAM is a state of the art product with low environmental impact and virtually non-toxic. SOLBERG HI-EX FOAM can be applied simultaneously to a fire situation where other types of foam are already in use.



PROPERTIES

Visual:	Clear, transparent liquid
Specific gravity (25° c):	1,00 kg/l
Ph (25° c):	7,5
Viscosity	< 20 mm²/sec
Frost resistance: (no quality loss after thawing)	- 2° C.
Minimum use temperature:	2° C
Maximum storage temperature:	< 50° C
Sediments:	None
Spreading coefficient:	Do not apply

Foam expansion depending on water pressure and type of equipment:	
Very low expansion:	Do not apply
Low expansion:	Do not apply
Medium expansion:	Do not apply
High expansion:	Do not apply
25% Drainage time:	Do not apply
Product guarantee:	10 years when stored in original package
Salt, fresh and brackish water can be used.	

SOLBERG HI-EX FOAM is EN 1568/2 and ISO 7203-2 tested and can be shipped in 20 litre cans, 200 litre drums or 1000 litre containers. For large amounts bulk delivery is also possible.