



TECHNICAL INFORMATION

SEGAFLAM HSD Liq.

Semi-washable halogen-free durable flame-retardant finishing material used for application of cellulosic fibers and their blends with synthetic fibers.

- Segafam HSD liq. is very suitable for flame retardant finishing of cellulosic fibers and their blends with synthetic fibers without changing hand-feeling and color of fabric.
- After washing of finished products, they meet the requirements of British Standard (BS) 5852: Part 1.
- Does not cause yellowing during the curing process under 150°C.
- Generally, it is compatible with softeners, fluorocarbon resins, water repellent materials and it should be used after preliminary tests.
- The anti-flammable effect is not resistant to washing, but is resistant to dry cleaning.

PROPERTIES

Chemical Structure	Mixture of inorganic and organic salts halogen free
Appearance	Clear liquid
pH	5.5-70
Solubility	Soluble in water in any ratio

APPLICATION

Foulard Method

For cotton and cellulosic fibers

250-400g/L Segafam HSD Liq.

Pick up: 75-100%

Drying: 100°C

Curing: 175°C, 1.5min.

For mixtures CO/PES (65/35)

300-500 g/L Segafam HSD liq.

Pick-up: 75-100%

Drying: 100°C

Curing: 175°C 1.5 min.

Storage and handling

Suitable storage condition is 12 months in closed containers.

(Sensitive to freezing and temperatures above 40°C)

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