
FIRE RETARDANT SPRAY

TECHNICAL DATA (2)

Fire Retardant Spray

CHARACTERISTICS

Constitution:	Organic phosphorus nitrogen compound
Appearance:	Clear liquid
PH Value:	4.0-5.0
Density (20°C):	1.20-1.22 g/cm ³
Solubility:	dilute in cold water in all proportions
Storage:	store in closed containers in a cool location (see Safety Information)

PRODUCT BENEFITS

- used to give non durable flame retardant effects on cotton, regenerated cellulose and jute
- imparts a soft handle
- low hygroscopic property
- not susceptible to crystallisation and therefore shows advantages over many non durable FR products for chalking, frosting and water marking
- can be combined with most synthetic resins or binders, a preliminary check is advisable
- causes little or no shade change
- has good thermal stability, therefore drying is possible at higher temperatures
- shows no corrosion
- fulfils the requirements of DIN 4102, Group B1, and has been accepted by the Institute for Bautechnik, Berlin, in test report Z-PA-III 1.55 for textiles made from celulosic fibres for the building sector

SPECIAL ADVICE

- **FIRE RETARDANT SPRAY** is fast to dry cleaning solvents containing no aqueous boosters.
- Can reduce the flammability on synthetic fibres such as polyester and selected polyester cotton blends.

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PROCESSING:

FIRE RETARDANT SPRAY: is dilutable in cold water in all proportions and therefore can be added directly to the application bath, with stirring.

APPLICATION:

For most requirements on cellulosic, the following pad application is recommended:

FR Treatment

200- 400 g/l FIRE RETARDANT SPRAY

COVERAGE FOR GENERAL FABRICS

1 litre = 10mtrs sq on fabrics, even light spray

Drying should be carried out normally between 110°C and 140°C to give a dry loading 8-15% on the fabric.

Combined FR with water and oil repellency

300- 350 g/l FIRE RETARDANT SPRAY

100g/l	{	20 - 50 g/l	Quecophob BSN
		80 - 50 g/l	Contraqua BF

Drying temperature 140-150°C.

PACKAGING:

- 750ml
- 5 Litres
- 25 Litres

- 1 IBC Undiluted (Special Order)

The information contained in this leaflet is intended to be of assistance to users but is without guarantee. Variations can occur in application and users are advised to conduct their own tests. Suggestions for use neither give nor imply any freedom from patent infringement.

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