

# Flammschutz CR

## Flame retardant finish for the application in perc

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### Properties:

- for the non-permanent, hardly inflammable finishing of cellulose and textiles containing cellulose in textile cleaning (at least 50 % part of cellulose)
- the handle of the textiles treated with **Flammschutz CR** is dry and soft
- the character of the textiles is not affected by **Flammschutz CR**
- no yellowing of white materials

### Application:

The active substance of **Flammschutz CR** should be approx.. 15 % related to the dry weight of the part of cellulose. A corresponding active substance can be achieved at a rate of use of at least 30 % related to the part of cellulose in kg.

The part of cellulose of the textile to be finished should be at least 50 %.

#### Procedure

The machine is loaded up to 60 % of its capacity and the perc is filled up to lowest possible level. As the drum rotates, the calculated quantity of **Flammschutz CR** is added via the soap feeder within a period of 2-3 minutes. The drum is allowed to run in the pump cycle for 15 minutes, the liquor is pumped to the distillation and then centrifuging and drying are carried out as normal.

The textiles are ironed – if necessary – with a moderately hot iron (wool setting).

#### Hints

Before using **Flammschutz CR** check colours for fastness to acids.

**Flammschutz CR** contains water - articles with a wool content should be treated cautiously.

A synthetic resin finish can disturb the flame-retardant effects critically (since too little product is absorbed then). In this case it may under certain circumstances be necessary to increase the quantities of **Flammschutz CR** used.

Since **Flammschutz CR** reacts acidly, the pH-value of the solvent should be checked after use and if necessary the solvent should be post-stabilised as directed.

The use of Neutracid before application of **Flammschutz CR** can prevent over-acidification of the solvent.

After the application the distilling kettle has to be cleaned well.

### Technical Data:

Density 20 °C (68 °F)	1.16 g/ml
pH-Wert	3.5 - 4.5

### Hints:

#### Storage

**Flammschutz CR** is sensitive to frost and crystallises out at temperatures below 0 °C (32 °F). In that case **Flammschutz CR** should be heated to a temperature of

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40 °C (104 °F) until the sediment dissolves again. After thorough shaking the product is fit for use again without any loss of quality.  
The product can be stored for at least 24 months in its original sealed packing.

### Remark

Flammschutz CR is a light-coloured slightly viscous liquid with a weak product-specific odour. Shake or stir well before each usage.

Flammschutz CR emulsifies in perc with milky appearance. During the treatment Flammschutz CR attaches itself substantively to the fibre.

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