



## Efursion PLZ

Flame retardant agent Efursion PLZ is a new type environmental friendly and durable agent. It can resistant washing and suitable for polyester fiber, such as Carpet, curtain cloth, wallpaper cloth, sand release, toy cloth, car decoration, clothing, etc..



<b>Nature</b>	Organic phosphorus derivative
<b>Appearance</b>	Colorless to light yellow ropy liquid
<b>Ionicity</b>	Light cation
<b>pH</b>	2.0-3.0
<b>Solubility</b>	Easily soluble in water

### Characteristics

1. The effectiveness of treated fabrics can be retained after 50 washes
2. Do not contain halogen
3. No influence on color shading, handling, shade, touch, and has no strength reduction.
4. No irritating odor, non-toxic, no allergic reaction with skin.

### Application

Padding	Efursion PLZ Liquor pick up	100-150g/L Approx.70-80
Mixing operation	At first swing in with a spot of water(70%-80%), and then add Efursion PLZ to needed. Then adjust the pH value 4.0-5.0 with NaOH or ammonia. You should use this confected solution in 8 hours.	
Technique	Fabric → 2 times padding → Drying(100-120 °C) → Curing ( 190-205 °C×90-40s )	
Attention point	1.Do experiment when adding other auxiliary agents. 2. Curing temperature must be controlled strictly, or it will influence flame retardant efficiency. 3. For some special dyestuff, it must test the changing of color shade before production.	

### Storage

If stored properly in its original sealed packaging the shelf life is at least 12 months.  
Storage temperature at 0- 40 °C will cause an increase of the color number.  
Once the package barrel is opened, it should be used as soon as possible, if not, please seal the left well.

### Safety

We know of no ill effects that could have resulted from using this product for the purpose for which it is intended and from processing it in accordance with the current practice. According to the experience we have gained up to now and other information at our disposal, the product does not exert any harmful effects on health, provided that it is used properly, due attention is given to the precautions necessary for handling chemicals, and the information and advice given in our Safety Data Sheet are observed.

### Labelling

Please refer to latest Safety Data Sheet for detailed information on product safety



**Note**

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed.