

POLYSCOUR DFH

POLYSCOUR DFH is a high performance textile auxiliary formulation having multifunctional applicability in the process of Scouring, Desizing and Swelling and Natural fiber-fabric like Nylon, Wool, Silk, Polyester, Cationic ally dye able polyester, Cashmilon etc. This is very much suitable @ for the degumming of Silk.

Specification:-

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| Base | : - | It is a special formulation of anionic and nonionic surfactants, Emulsifiers, special non – hazardous and non – flammable solvents and stain releasing agents. |
| Composition | : - | Clear light yellow – brown liquid. |
| Nature | : - | Mildly Anionic |
| pH (self) | : - | Weakly Alkaline |
| %NVC at 105 °C/180 | : - | 50 ± 2% |
| Storage | : - | Stable under normal condition. Its containers should not be kept open because volatile active ingredients may get reduced in their concentration and the active surfactants may get solidified or crystallized. |
| Biodegradability | : - | Eco – friendly certified by Internationally Accredited Textile testing Laboratory. |
| Toxicity | : - | Aquatic Toxicity L. C. 50 – 0.005% (V/V) |
| Corrosion | : - | Non Corrosive |
| Health safety | : - | Avoid direct contact and handle it with proper care. Flush the part of the body, which comes In the contact with it with lot of cold water as soon as possible. |

Advantages:

- It regulates the scouring and bleaching processed in both the alkaline and acid mediums.
- It removes the occluded oils, soil particles, metal particles, different type of stains, sizes and other unwanted marks very easily.
- It reduces the consumption of alkali and detergents.
- It increases the absorbency.
- It helps in stabilizing the reducing as well as the oxidizing products employed as bleaching agents in the scouring bath.

Application:

- 1.0% to 1.5% **POLYSCOUR DFH** on the weight of fabric or yarn.

How to use

- Apply 0.75% **POLYSCOUR DFH** with hydro and Caustic Soda, scour at 125⁰ C for 30 minutes. For Desizing apply 1% of **POLYSCOUR DFH** with Hydro and Caustic Soda 0.2 gpl Non – ionic detergent is suggested with above said. After scouring drain the bath. Take fresh water to neutralize the fabric or yarn with applying 0.5% of **POLYSCOUR DFH** with required Acid at 85⁰ C for 20 minutes. 0.2 gpl Non – ionic detergent is suggested with above said. This gives you a very satisfactory result.

For Swelling

- To swell the fabric or yarn 4 to 5 gpl of **POLYSCOUR DFH** is recommended.

For Degumming of Silk

1. Apply 1 gpl Caustic Soda with 2 gpl **POLYSCOUR DFH** at 90⁰ C for 30 to 40 minutes.

OR

2. Apply 3 gpl Soda Ash with 2 gpl **POLYSCOUR DFH** at 90⁰ C for 30 to 40 minutes.
Acidify with Oxalic Acid.

Usage of **POLYSCOUR DFH** will increase the Tear strength of Silk Fabric / Yarn.

Note: -

The information and recommendations presented herewith complied with utmost care, but they cannot be extended to cover every possible case. They are intended only to serve as non – binding guidelines and may not be adapted to prevailing conditions.