

MANUFACTURES AND DEALERS OF SPECIALITY CHEMICALS & AUXILIARIES

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Harshol -Stainex

APEO Free Solvent base viscose safe Scouring, Swelling and Desizing agent

Harshol -Stainex is a high performance textile auxiliary having multifunctional applicability in the process of scouring, Desizing and swelling of synthetic and natural fibre and fabrics like Nylon, wool, Silk, Polyester, Cationic dyeable polyester, etc. This is also suitable for Degumming for Silk.

Specifications:

Composition: Blends of Anionic and nonionic surfactants and emulsifiers with non hazardous and non flammable solvents.

Nature: Anionic

pH: weakly Alkaline

Appearance: Clear light yellow to brown viscous liquid

solubility: soluble in water in all proportions

stability: stable under normal conditions, should be kept in closed containers to avoid volatile active ingredients to get reduced.

Advantages:

- It regulates the scouring and bleaching process in both alkaline and acid mediums.
- It removes oils, solid particles, metal particles, and various types of stains, sizes etc.
- It reduces the consumption of alkali and detergents.
- It increases the absorbency.
- It helps in stabilizing the reducing as well as oxidizing products used as bleaching agents in the scouring bath.

Applications:

1.0% to 1.5% of Harshol- Stainex is generally recommended on the weight of fabric or yarn.

Apply 0.75% of Harshol -Stainex with Hydro and Caustic Soda at 125°C for 30 minutes. For desizing 1% of Harshol-Stainex with hydro and caustic soda 0.2gpl 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 Harshol-Stainex with required acid at 85°C for 20 minutes. 0.2gpl of detergent is suggested with above said. This will give you a satisfactory result.

For Swelling:

For swelling the fabric or yarn 4 to 5 gpl of Harshol-Stainex is suggested.

For Degumming of Silk:

- Apply 1gpl caustic soda with 2gpl Harshol-Stainex at 90°C for 30 to 40 minutes.
- Apply 3gpl soda ash with 2gpl Harshol-Stainex at 90°C for 30 to 40 minutes, Acidify with Oxalic Acid.

The usage of Harshol - Stainex will increase the tear strength of Silk Fabric or Yarn.

Note:

The information and recommendation presented hereby 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.

Precautions:

- Keep the container closed while not in use.
- keep container in cool shade.
- Do not expose the material to direct sun light.
- Follow routine safety precautions and exercise good housekeeping.

Disclaimer:

The product incorporated and sold is without warranty expressed or implied including warranty of merchantability and fitness of use of this material and condition that purchaser shall make their own tests to determine the suitability and the quality of the product for their particular purpose. The user assumes all risks of use and handling, whether or not in accordance with any statement of the supplier. Supplier's liability if any, for any action arising out of the material being supplied shall be limited to only replacement of material.