



## MANUFACTURES AND DEALERS OF SPECIALITY CHEMICALS & AUXILIARIES

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### **Harshol-cleanol EX**

### **Powerful Scouring Agent**

Harshol EX is an excellent auxiliary formulated having multifunctional properties in the process of scouring, desizing and swelling of synthetic and natural fabrics. This product is well suitable for degumming of silk. It regulates scouring and bleaching processes in both acid and alkali mediums. It removes oil stains, soil and metal particles, various stains and sizes very easily, it increases absorbency reducing the consumption of alkalies and detergents, moreover it also stabilizes the reducing as well as oxidizing products used as bleaching agents in scour bath.

### **Specifications**

**Composition:** Blend of anionic and nonionic surfactants emulsifiers and special isomers

**Nature:** anionic

**Appearance:** clear pale yellow – brown liquid

**ph:** weakly alkaline

**Solubility:** soluble in water in all proportions

**Compatibility:** stable to acidic and alkalies and hard water

### **Application**

1.0% to 1.5% of Harshol EX on the weight of fabric is recommended with hydro and appropriate alkali, Scour the Batch at 125<sup>o</sup>C for 30 minutes.

For desizing process 1.0% of Harshol EX with Hydro and appropriate alkali and 0.2 gpl non ionic surfactant. After scouring drain the bath, take fresh water to neutralize the fabric with required acid at 85<sup>o</sup>C for 20 minutes.

For Swelling the Fabric 4 to 5 gpl of Harshol EX is recommended.

For degumming of silk 1gpl caustic soda or 3gpl soda ash along with Harshol EX at 90<sup>o</sup>C for 30 to 40 minutes, then acidify the batch.

### **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.