

**MANUFACTURES AND DEALERS OF SPECIALITY CHEMICALS & AUXILIARIES**

SURVEY NO 38, PLOT NO-3, NEAR SHIVRAM DYEING AND PRINTING MILL, OPP JC ENGINEERING, KADIWALA STREET, KHATODARA SURAT-395002  
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## **Harshol-BL**

### **Increase brightness and leveling of Dyes in process**

Harshol BL is an excellent dye as well as print developer and fixing agent with simultaneous tone brightening and leveling effect specially in moderate hard water. It improves colour yield due to complete fixation of dyes. It improves levelling, brilliancy and reproducibility of the shade.

### **Specifications:**

<b>Composition:</b>	Blend of nonionic emulsifier and solvents
<b>Nature:</b>	Crypto anionic
<b>Appearance:</b>	Clear colourless liquid
<b>Odour:</b>	Typical
<b>Solubility:</b>	Soluble in water in all proportions
<b>Ph:</b>	Neutral
<b>Stability:</b>	Stable with anionic, nonionic and cationic products

### **Applications:**

#### **For dyeing process:**

0.5 to 1.0gpl of Harshol BL is generally recommended for actual dyeing along with required acid, levelling and dispersing agent and the dye into the machine. Raise the temperature and proceed the actual dyeing process followed with the RC process .

#### **For printing process:**

0.05% to 0.1% of Harshol BL is to be added in the ready printing paste with levelling agents, appropriate acid etc. the print are steamed @ 25 to 30lbs/sq. in pressure ager for 30 minutes or @ 165<sup>o</sup>C to 180<sup>o</sup>C for 8 to 6 minutes in a loop steamer. Addition of loop accelerator is necessary in the paste. After fixation, the prints are given usual treatment.

#### **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.