

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-CRL

Cationic Retarding & Levelling Agent

Harshol CRL is a powerful retarding, migrating and levelling agent specially for cationic, reactive, direct, acid & metal complex dyes. It gives excellent fastness properties. Fabric dyed with Harshol CRL gives good exhaustion .it does not allow Cationic Dyes to migrate on polyester fabric.

Specifications:

Composition: Quaternary ammonium compound and methylated aliphatic alcohol ethoxylate

Appearance: Clear colourless liquid

Nature: Cationic

Solubility: Soluble in water in all proportions

Application:

Dyeing for Cationic dyes

Acetic acid 98%	1-2gpl
Glauber salt	5-7 %
Harshol CRL	0.5 – 1.0 gpl

Dyeing at 115^oC to 120^oC for 30 to 45 minutes

Dyeing for Reactive & Direct Dyes

1.0 gpl to 1.5 gpl of Harshol CRL is recommended in the dye bath with Glauber salt for dyeing at 70^oC to 75^oC for 15 to 20 minutes. No dye fixing agent is required

Printing for Reactive & Direct Dyes

0.5 % to 1.0% of Harshol CRL is recommended it be added in the printing paste. No other chemical for penetration or levelling is required. No dye fixing agent is required.

Dyeing for Acid & Metal Complex Dyes:

Acetic acid 98% 1-2gpl

Harshol CRL 1gpl

Dyeing at 80^oC to 85^oC for 45 to 50 minutes.

Harshol CRL gives good exhaustion of dyestuff with good levelling.

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.