

Harshol-RC

REDUCTION CLEARING AGENT

Harshol RC is a newly developed dye reducing auxiliary for reduction clearing of dyeing on polyester, cellulose acetate, viscose and various blends of fabric in acidic medium.

Specification:

Composition:	Sulphur based derivatives
Physical nature:	Clear to translucent liquid
Ph:	10 to 10.5
Solubility:	Soluble in water in all proportions
Compatibility:	It is compatible with anionic, cationic and nonionic auxiliaries. It should be Avoided from strong oxidizing chemicals and direct sun light.
Stability:	It is stable to hard water and alkalis, acid are not to be mixed with it directly

Advantages

- It has an excellent reduction properties in mild acidic condition.
- It has excellent reduction clearing effect on unfixed dyes from the surface of the fabric.
- Its reduction clearing property of the dye bath containing the unexhausted dyes in the Dye bath to be drained is good.
- No alkali is to be added, which is subsequently necessary to be neutralized from the Fabric.
- It reduces the tendency to release oligomer from the fabric.
- It saves time, labour, energy, water, chemicals as compared to conventional method.

Application:

1.0 to 1.5 gpl of Harshol RC along with 0.5 to 1.0 gpl acid to maintain ph 5.0 for light to medium shades.

2.0 to 2.5 gpl of Harshol RC along with 0.5 to 1.0 gpl acid to maintain ph 5.0 for heavy dark shades.

How to use

After completion of dyeing process cool the bath to 80°C to 85°C. Then add Harshol RC 1.0 to 1.5 gpl to the bath maintain the ph 5-4 by adding acid.

For cationic dyes, dye bath is to be drained, take fresh water and proceed the above process. Raise the temperature to 90°C and hold it for 20 minutes. Then drain as usual.

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.