

MANUFACTURERS 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 ALL IN ONE

DYEING AND PRINTING ALL IN ONE

This product is a high performance textile auxiliary having moderate foaming properties. This formulation has a multifunction application in dyeing as well as printing of synthetic and natural fabric, and various blends. It has excellent buffering properties during dyeing /printing in acidic medium and its buffering is stable up till moderate hard water giving good results and good exhaustion of the dye. It has the ability to give superior clarity, brightness and high dye value. It gives shades with consistency and reproducibility is maintained even in the case of sensitive dyes and their combinations. It has the tendency to give constant ph throughout the dyeing/printing process. It is completely safe for viscose blended synthetic fabric.

Specifications:-

Composition	Emulsified organic compounds and dispersants
Nature	Nonionic
Colour	Colourless liquid
Odour	Typical
Solubility	Soluble in water in all proportions
ACID VALUE	400 ± 5 mg of NaOH/gram of product
%NVC at 105°C/180'	40 ± 2%

Applications for Dyeing

All in One is used 0.75gpl to 0.08gpl (maintain 3.5 pH) no extra chemical addition is required for leveling, penetration, dispersion etc. no other buffering agent is required for moderate hard water After scouring process drain the bath. Take fresh water and add the above recipe maintaining the above pH in the Jet dyeing machine. Raise the temp to 130°C do the actual dyeing process depending on the depth of the shades followed with the RC process if the depth of the shade demands. Then carry out the washing maintaining the pH acidic for subsequent processing.

Application for Printing

0.5% to 0.6% of All in One is used in TKP printing gum paste (maintain ph 4 – 3.5)

or

1.3% to 1.5% of All in One is used in guar gum printing paste (maintain ph 4 – 3.5)

The above chemical is used in itself. No other extra chemicals are required like loop accelerator, penetrating agents etc. However minor adjustment may vary due to individual plant situations. The prints are aged steamed at 25 to 30 lbs/sq. in pressure ager for 30min. and alternatively at 165°C to 180°C for 8 to 6 min in loop steamer ager proceeding with the usual after-treatments.

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.