**NEUTROX BDN 100 NEW POWDER**

**True neutral cellulase enzyme for wash down effect on garments**

**CONSTITUTION**
- Fully formulated cellulase enzyme preparation

**APPEARANCE**
- Light brownish powder

**MISCIBILITY**
- Dispersible in water

**COMPATIBILITY**
- Compatible with nonionic products

**HIGHLIGHTS**
- Neutral cellulase enzyme for wash-down effect on garments
- Minimum back staining
- Large grain size
- Excellent colour contrast
- Applicable at low MLR
- Operates at 50 - 60°C temperature and pH 6.5-7.5

**APPLICATION**

Due to the ring dyeing of warp yarn of denim a faded fashionable look is obtained. These types of wash down effects are created due to the removal of dyes by abrasion on the garments. Wash down effect are achieved due to bio abrasion where the enzymes act on cellulose and by hydrolyzing it gives the desired look.

In Bio-washing owing to absence of stones the garment load may be increased upto 50% resulting in increased productivity. The use of Neutrox BDN 100 New Powder results in a softer fabric and because of the reduced abrasion if the fabric, an increased strength compared to conventional stone washing. In bio-washing, Other than look, color contrast commonly known, as salt pepper effect is produced.

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**Effect of application parameters on activity of Neutrox BDN 100 New Powder**

- **Temperature**
- **pH**

- Activity levels vary with temperature and pH.

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GUIDELINES

BIO FADING

• Add water
• Raise temperature to 55°C and adjust pH to 6.5-7.0
• Add
  - Neutrox BDN 100 New Powder 0.6-1.4 %
  - Greenpol ZBS Powder 0.1-0.2 gms/lit
  - Fibrolube HML Liquid 0.5-1.0 gms/lit
  - Kleenox PSF Liquid 0.5-1.0 gms/lit
• Run for 60-90 mins as required
• Drain
• Hot rinse with
  - Greenpol A Liquid 1.0 – 2.0 gms/lit at 80°C and pH 8-9
• Rinse
• Drain

Note: The quantity of Neutrox BDN 100 New Powder depends on the quality of garment, amount of stones used, liquor ratio etc.

STORAGE

Neutrox BDN 100 New Powder has to be stored in an air-tight, cool & dry place, away from direct heat and sunlight

PACKING

Neutrox BDN 100 New Powder is available in 20kg (4 x 5 Kg.) packs and 30/50 Kg. (30/50 Kg x 1) packs to suit customers requirements

NOTE

The colour of the product is not an indication of product strength, it may vary from batch to batch

The information and data contained herein has been compiled based on information we believe reliable. Users should thoroughly test all applications and independently conclude satisfactory performance before commercialization, as these recommendations are non-binding. Users assume all liabilities for use of the chemicals. We are not liable for any advice which we may have failed to give.

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