

ANC ENZYME SOLUTIONS PTE LTD

20 Cecil St, #14-01 Equity Plaza, Singapore, 049705 Email: sales@ancenzymes.com

COMBISOFT N300

- novelty enzyme for efficient Bio-Polishing at neutral pH

The COMBISOFT N300 is a novelty Bio-polishing-product containing a very unique, efficient cellulase working in the pH 5.0 and all the way up to 7.5 range offering completely new possibilities within dyeing (f.ex. one bath reactive dyeing and Bio-polishing) and advantages (less strength loss and good colour retention) in both Bio-polishing, denim and garment finishing.

COMBISOFT N300 is highly concentrated & efficient, and has been found to have high colour retention for in particular pigment dyed garment finishing, less cross staining, improved contrast/whiteness and easier to use.

Application Information

Typical washing application conditions for COMBISOFT N300 are :

After thorough pre-washing and rinse of the garments to secure efficient removal of waxes, loose dye and other impurities:

1. Fill up with water to normal level used for enzyme washing - our recommended liquor ratio is 10:1 e.g. 10 litres water per kg garment.
2. Heat up to 50-65 °C and adjust/buffer pH to 5.0-7.5 (optimum 6.5).
3. Add COMBISOFT N300 to the washer:

Product	Dos. in % of gwt
COMBISOFT N300	0.10 – 0.45

The dosages may be adjusted according to fabric, processing, washing conditions and desired Bio-polishing and abrasion.

4. Run the washing machine until the desired finish has been obtained. As guide lines the following washing time can be used :
 - Light Bio-polishing/abrasion : 30 - 45 minutes
 - Heavy Bio-polishing/abrasion : 45 - 75 minutes
5. Drain the washing liquor before continuing the finishing process to obtain desired shade or softness of the garments.

For the use of COMBISOFT N300 as a Bio-Polishing product within the mill and dyehouse applications then mentioned conditions and dosages are directly applicable, but to be liquor ratio correlated.

Product Information

Physical form : brown/amber liquid
Chemical composition : cellulase enzyme (optimum pH 5.5)
stabilizer
preservatives

Flammability : non-flammable

Storage : ambient temperatures

Packing : 230 kg drum

Please contact ANC Enzyme Solutions P/L for further information.

Disclaimer-All suggestions and data presented are based on information and tests that are believed to be accurate and reliable, but are not to be taken as a guarantee, expressed or implied, for which seller assumes legal responsibility. It is recommended that the user carry out their own tests to determine the suitability of the product to his/her process before incorporating the product on a commercial scale. ANC Enzyme Solutions Pte Ltd