



PRODUCT LIST

Enzyme solutions for textile processing

DESIZING

Optisize® enzymes break down starch and are therefore useful for desizing woven fabrics. Optisize® desizing alpha-amylase enzymes are available for use in a wide pH and temperature range and are suited for all starch desizing processes.

**Optisize®
COOL** Desizing enzyme in concentrated liquid form. Suited for low to medium temperature desizing in a wide pH-range. Optisize® Cool can be used in cold pad batch and exhaust processes.

**Optisize®
NEXT** Desizing enzyme in concentrated liquid form. Suited for medium to high temperature desizing in a wide pH-range, in hot pad batch, jigger, continuous and pad steaming processes.

ECOSOURING

PrimaGreen® enzymes represent the latest innovation for low to medium temperature scouring and bleaching at neutral pH, allowing savings in use of water and energy.

**PrimaGreen®
EcoScour** Scouring enzyme in concentrated liquid form. Pectate lyase formulation suited for low to medium temperature eco-souring at neutral pH, resulting in improved fabric quality (softer, bulkier hand), lower fabric weight loss, enhanced absorbency and improved fabric dyeability compared to conventional scouring.

PEROXIDE CLEAN-UP

Oxy-Gone® catalase enzyme promotes effective **peroxide removal** even under the most stringent processing conditions. Traditional methods of removing residual peroxide after bleaching involve multiple water rinses or chemicals such as sodium bisulfite. Oxy-Gone® breaks down the compound into its natural components, namely, water and oxygen. These robust enzymes provide reliable and complete peroxide removal ensuring a more consistent dyeing result.

**Oxy-Gone®
T400** Concentrated liquid formulation to quickly neutralize harmful effects of hydrogen peroxide bleach. Oxy-Gone® T400 has excellent stability in the presence of high peroxide concentrations. Oxy-Gone® T400 has superior stability compared to other **peroxide degrading** enzymes due to its high activity over a wide pH and temperature range.

FABRIC BIOFINISHING

Primafast® enzymes facilitate **fabric biofinishing** at acid and neutral pH conditions to reduce pilling and create a higher quality surface by removing the fibrils that make fabric surfaces rough or fuzzy. These cellulase enzymes can elevate the performance of lower quality cotton fabrics by producing a cleaner and smoother surface, softer hand, and improved fabric drape that lasts longer.

**Primafast®
GOLD HSL
NEW!**

Highly concentrated liquid preparation for **biofinishing**: surface defibrillation, depilling, pill prevention and softening on a variety of cotton based fabrics. This unique enzyme gives superior fabric cleanup under neutral pH conditions in all types of processing equipment. Cleanup under neutral pH allows the possibility to combine **biofinishing** and dyeing in a single bath process.

**Primafast®
LUNA CL PLUS**

Highly concentrated liquid preparation for **biofinishing**. Preserving highest fabric strength and color retention compared to conventional enzymes. Ideal for treatment before or after the dyeing process.

**Primafast®
LMA 400**

Concentrated liquid enzyme for **biofinishing**. All-round clean-up product and suitable for treatment before or after the dyeing process.

**Primafast®
200**

Concentrated liquid enzyme for **biofinishing**. Aggressive clean-up and color-pull characteristics so for treatment before the dyeing process at acid pH conditions. **Biofinishing** from low to high abrasion levels under low operating temperatures.

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