



PeliBioTech
MOVING FORWARD WITH NATURE



**TEXTILE INDUSTRY
PRODUCT ANNOUNCEMENT
2023**

MEGA
PREMIUM ENZYMES

Ø ZDHC

OEKO-TEX®
CONFIDENCE IN TEXTILES
ECO PASSPORT 

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COMMITMENT TO ENVIRONMENTAL SUSTAINABILITY.

We are thrilled to inform you that MEGA® has achieved the highest available certification level for Zero Discharge of Hazardous Chemicals (ZDHC) - ZDHC Confidence Level 3. This certification confirms that MEGA® and Oeko-Tex® Eco-Passport certified cellulase and amylase enzymes meet the strict requirements of ZDHC's Manufacturing Restricted Substances List (MRS�) and are manufactured responsibly.

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ALPHA AMYLASE DESIZING ENZYME

Introducing our latest range of concentrated amylase enzymes - available in both liquid and powder form. These innovative products have been specifically formulated to deliver exceptional performance and competitive across a broad range of temperature applications.



MEGA AMYLASE DS ZDHC LEVEL 3 CERTIFIED

Wide Temperature
(Liquid Concentrate)

MEGA DS-1 ZDHC LEVEL 3 CERTIFIED

Wide Temperature
(Powder Concentrate)

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CELLULASE ENZYME LIQUIDS

Introducing our latest liquid cellulase enzymes - with a higher concentration and wider pH range for superior performance and better value. Perfect for textile manufacturers seeking cost-effective solutions to enhance their manufacturing processes and improve product quality.



MEGA GS-L **ZDHC LEVEL 3 CERTIFIED**

Acid Cellulase
Liquid Concentrate

MEGA GSL-E **ZDHC LEVEL 3 CERTIFIED**

Neutral Cellulase
liquid Concentrate



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100% WATER SOLUBLE CELLULASE ENZYME POWDER



MEGA GS-P ZDHC LEVEL 3 CERTIFIED

100% water-soluble cellulase enzyme powder that offers exceptional performance in denim abrasion and knit biopolishing. This innovative product can be locally turned into a liquid cellulase, reducing transport, handling, and storage costs. The powder form provides maximum storage stability, making it a cost-effective and convenient solution for textile manufacturers. With its wide pH range, Mega GS-P delivers outstanding performance and results, making it a versatile and reliable choice for all your textile manufacturing needs.

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PUMICE STONE FREE PEROXIDE ENZYME



MEGA ECO-BRIGHT

The revolutionary cold bleaching enzyme that provides the ultimate eco-friendly solution for textile manufacturers. This innovative product is a perfect alternative to heavy pumice stone usage. Mega Eco Bright's unique formula eliminates the need for neutralization after use, saving you valuable time in your processes. What's more, this product is completely free from any harmful substances and prohibited substances in the Oeko-Tex 100 standard. If you're looking for a reliable, eco-friendly solution to improve your bleaching processes, Mega Eco Bright is the perfect choice.



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CATALASE ENZYME PEROXIDASE REMOVAL



MEGA OX-80 LIQUID CONCENTRATE

High-performance peroxide removal! Our innovative product is designed to effectively catalyze the decomposition of hydrogen peroxide into oxygen and water, with no negative impact on dyestuff during subsequent dyeing steps. With this product, you can say goodbye to pesky peroxide residue and hello to a brighter, cleaner finish that is sure to impress. Whether you're a textile manufacturer looking to enhance your production processes or a consumer seeking the ultimate solution for high-performance peroxide removal, OX-80 is the perfect choice.



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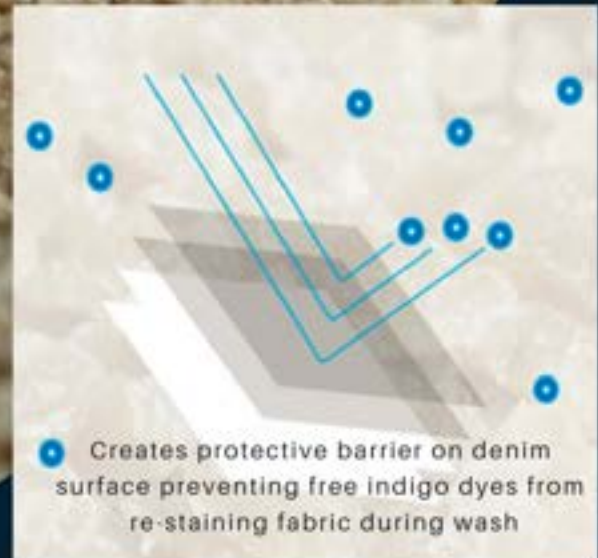


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MODIFIED POLYESTER POLYMER ANTI BACK STAINING AGENT



MEGA DTS GRANULE & POWDER ZDHC LEVEL 1

Our modified polyester polymer anti-back staining agents offer an impressive 30% increase in performance compared to first-generation products. With faster cold water liquid dilutions and enhanced liquid physical stability, our innovative formula is both convenient and efficient. In addition, our anti-back staining agents provide increased protection against spandex elasticity loss. The unique film created by the polyester polymer prevents free indigo dyes from restaining fabric surfaces during the wash process, allowing for higher contract denim finishes.

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ALCOHOL ETHOXYLATED BASED ANTI BACK STAINING AGENT

MEGA P-100Y POWDER & P-100F FLAKE

P-100 surfactant is a versatile anti back staining agent that can be utilized in the denim desizing and enzyme wash process to prevent indigo dye from staining the fabric. It is particularly useful in the desizing process as it can effectively break down starch and sizing agents as well, thereby eliminating any impurities that may interfere with the enzyme wash process. Additionally, the surfactant's ability to reduce water surface tension allows the indigo dye particles to disperse evenly, preventing the fabric from becoming stained during the enzyme wash process. P-100 enhances the effectiveness of the enzyme wash process by enabling enzymes to penetrate deeper into the fabric, resulting in more uniform texture and color. Ultimately, the use of P-100 surfactant can lead to a higher-quality finished denim product.

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LYCRA/SPANDEX PROTECTOR

MEGA SP200

Introducing Mega SP200, the ultimate spandex protector against elasticity loss during wash. This advance formula is specifically designed to enhance the washing, bleaching, and high temperature resistance of spandex containing fabrics, ensuring they maintain their elasticity. Ideal for denim fabrics, Mega SP200 is the perfect companion for desizing, enzyme washing, and rinsing process. It's completely non-toxic and meets MRSL requirements.

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