ENZYME BIOSCIENCE

TECHNICAL DATA SHEET
TDS-TEX-045 · Issued October 2026

Textzyme-GO

Textile Enzymes

Glucose Oxidase Enzyme

PRODUCT DESCRIPTION

Textzyme-GO is a glucose oxidase enzyme that enhances the efficiency of bleaching and raises whiteness of the textile.

It reduces the need for intensive chemicals, thus causing minimal damage to fibres. It provides excellent whiteness whilst promoting eco-friendly processing techniques in textiles.

This way, it becomes the go-to choice for sustainable fabrication.

KEY FUNCTIONS

- Improves bleaching efficiency.
- Increases fabric whiteness.

TYPICAL APPLICATIONS

Desizing · Bio-scouring · Bio-polishing · Denim finishing · Peroxide removal · Softening & finishing

HANDLING & DOSAGE

Optimum dosage depends on substrate, process conditions (pH, temperature, time) and the desired result. We recommend lab or pilot trials; our application team can suggest a starting dose. Handle as an enzyme/biological preparation: avoid dust formation and inhalation, and wear gloves and eye protection.

SPECIFICATION

Product	Textzyme-GO (Glucose Oxidase Enzyme)
Product range	Textile Enzymes
Function	Glucose Oxidase Enzyme
Enzyme activity	Specified per grade — on request
Physical form	Powder; other formats on request
Packaging	25 / 50 kg HDPE drums or retail pouches
Storage	Cool, dry place in tightly closed original containers, away from direct sunlight
Documents	Certificate of Analysis (CoA) on request

MANUFACTURING & QUALITY

Manufactured by Enzyme Bioscience in an FDA-registered, GMP and ISO 9001:2015 certified facility in Surat, India, with in-house R&D and QC laboratories.

GMP · ISO 9001:2015 · FDA registered

The information in this data sheet describes typical properties and is given in good faith; it does not constitute a specification or warranty for a particular use. Users should confirm suitability for their own process and comply with applicable regulations. Batch-specific values are stated on the Certificate of Analysis.

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