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TECHNICAL DATA SHEET

TDS-ENZ238-EN · REV. 02 · 2026-11-03

Liquid Catalase for Residual Hydrogen Peroxide Removal

Liquid catalase preparation for removing residual hydrogen peroxide in textile processing.

SKU **ENZ238** CATEGORY **CATALASE** ENZYME **CATALASE** FORM **LIQUID**

CATEGORY **ENZYMES FOR TEXTILE INDUSTRY**

Not restricted for transport

FORM	APPLICATION RATE	TREATMENT TIME	LIQUOR RATIO
Liquid	**0.05-0.3% owg**	**10-20 minutes**	**5:1-20:1**
liquid catalase preparation	after dilution	per application	working range stated for application

SPECIFICATION

IDENTITY

Enzyme	**Catalase** Typical
Intended use	Removal of residual hydrogen peroxide in textile processing Typical

PHYSICAL

Form	**Liquid** Typical

WORKING WINDOW

Liquor ratio	**5:1-20:1** Typical
Time	10-20 minutes Typical
Inactivation by temperature	Above 100°C for 10 minutes Typical
Inactivation by pH	Above 12.0 for 10 minutes Typical

Spec = release limit, confirmed on every lot's Certificate of Analysis. **Typical** = normal product behaviour, not a release limit.

STORAGE & PACKAGING

SHELF LIFE
12 months

STORAGE
Not stated

PACK SIZE
Not stated

ORDERING
Online or by e-mail; current price on the product page

APPLICATIONS

Remove residual hydrogen peroxide after bleaching in textile processing
Decomposes hydrogen peroxide completely before dyeing

Prepare textiles for dyeing as the last preparation step
Supports consistent dyeing results

Operate over a wide pH range during peroxide removal
Removes residual hydrogen peroxide completely

Reduce use of hazardous chemicals and water in preparation
Gives a great reduction in their consumption

DOSAGE

0.05-0.3% owg
on weight of goods, after dilution

Substrate	**Residual hydrogen peroxide after bleaching**
Liquor ratio	**5:1-20:1**
Time	**10-20 minutes**
Addition point	**After bleaching, prior to dyeing**

Raising temperature above 100°C for 10 minutes inactivates the catalase completely.
Raising the pH above 12.0 for 10 minutes also inactivates it completely.

Each lot is released against its specification; the lot Certificate of Analysis reports the measured values.

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Online: enzymes.bio/product/catalase-enzyme-liquid-for-residual-hydrogen-peroxide-removal-in-textile-industry

Enzyme preparations are proteins and may sensitise; avoid skin, eye and inhalation contact. This technical data sheet gives the product specification and typical values; it is not a batch certificate. A Certificate of Analysis for the supplied lot accompanies each shipment. Safety Data Sheet on request.

SCAN TO ORDER