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TECHNICAL DATA SHEET

TDS-ENZ152-EN · REV. 02 · 2026-11-03

Catalase Enzyme Liquid For Textile

Liquid catalase preparation that removes residual hydrogen peroxide before fabric dyeing.

SKU **ENZ152** CATEGORY **CATALASE** FORM **LIQUID** APPEARANCE **BROWN LIQUID** PRODUCT **CONZYME® CAT200**

Not restricted for transport

DECLARED ACTIVITY	OPTIMUM TEMPERATURE	OPTIMUM PH	SHELF LIFE
≥200,000 SCATU/mL	**40-50°C**	**5.0-8.0**	**12 months**
as stated on the product page	working range 10-80°C	working range pH 2.0-10.0	sealed, see storage below

SPECIFICATION

PHYSICAL

Appearance	Brown liquid Typical
Solubility	Soluble in water Typical
Odor	Slight fermentation odor Typical

ACTIVITY

Declared activity	**≥200,000 SCATU/mL** Typical

WORKING WINDOW

Temperature	10-80°C, optimum 40-50°C Typical
pH	2.0-10.0, optimum 5.0-8.0 Typical
Liquor ratio	5:1-20:1 Typical
Time	10-20 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
Keep sealed in a dry and cool place and avoid direct sunlight

PACK SIZE
1 kg per bag

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

APPLICATIONS

Decompose residual hydrogen peroxide after bleaching
Prepares fabric for dyeing

Remove peroxide in a wide pH range
Reduces use of hazardous chemicals and water

Replace harsh chemicals in peroxide removal
No damage to fabric and reduced processing time

DOSAGE

0.05-0.3% owg

on weight of goods (owg), after dilution

Liquor ratio	**5:1-20:1**
Temperature	**10-80°C, optimum 40-50°C**
pH	**2.0-10.0, optimum 5.0-8.0**
Time	**10-20 minutes**

Inactivation: raise temperature above 100°C for 10 minutes, or raise pH above 12.0 for 10 minutes.

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-textile-peroxide-killer-enzyme

Enzyme preparations are proteins that may induce sensitization; avoid skin contact and consult a doctor if irritation or allergic response develops. 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