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TECHNICAL DATA SHEET

TDS-ENZ355-EN · REV. 02 · 2026-11-03

Cold Bleaching Enzyme for Commercial Laundry

Liquid enzyme additive that activates oxidizing agents in commercial laundry main washes at 15–55°C.

SKU **ENZ355** CATEGORY **DETERGENT ENZYMES** CATEGORY **DETERGENT ENZYMES** FORM **LIQUID**

ENZYME ACTIVITY **2000 U/ML**

Not restricted for transport

DECLARED ACTIVITY	OPTIMUM TEMPERATURE	DOSAGE	FORM
2000 U/mL	**around 40°C**	**1–1.5%**	**Liquid**
as stated in product characteristics	working range 15–55°C	of the main wash detergent solution	brown, mild fermentation scent

SPECIFICATION

IDENTITY	
Product type	Low-temperature oxygen bleaching enzyme activator Typical
ACTIVITY	
Enzyme activity	**2000 U/mL** Typical
PHYSICAL	
Physical form	Liquid Typical
Color	Brown Typical
Odor	Mild fermentation scent Typical
WORKING WINDOW	
Application temperature	**15–55°C (optimal performance around 40°C)** Typical
Main wash time	15–20 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
Cool, dry, well-ventilated place away from direct sunlight; keep containers tightly sealed and protected from moisture; avoid contact with oxidizing agents

PACK SIZE
1 kg bottle

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

APPLICATIONS

Activate peroxide-based oxidizing agents in warm water
Releases active oxygen at 15–55°C for bleaching

Remove yellow stains, heavy grease and chili oil residues
Breaks down aged stains and oil-based soils in the main wash

Wash hospitality and hotel linen
Supports whitening in the main wash cycle

Process healthcare and institutional laundry
Supports washing at lower wash temperatures

Clean food-service and workwear textiles
Supports stain removal in commercial and industrial laundries

DOSAGE

1–1.5%

of the main wash detergent solution

Application temperature	**15–55°C (optimal performance around 40°C)**
Main wash time	**15–20 minutes**
Addition point	**Main wash**

Adjust the rate for fabric type, soil level, washing equipment and process requirements.

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

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Online: enzymes.bio/product/cold-bleaching-enzyme-for-commercial-laundry

Direct contact with eyes or skin may cause irritation; wear appropriate personal protective equipment and rinse immediately with plenty of clean water. 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