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TECHNICAL DATA SHEET

TDS-ENZ224-EN · REV. 02 · 2026-11-03

Detergent Enzymes Liquid - Natural Stains Remover

Liquid multi-enzyme blend with protease and amylase for removing natural stains in laundry and dish care.

SKU **ENZ224** CATEGORY **DETERGENT ENZYMES** TYPE **INDUSTRIAL GRADE ENZYMES**

USAGE **DETERGENT AUXILIARIES** APPEARANCE **BROWN LIQUID**

Industrial grade · Produced by submerged fermentation · Not restricted for transport

DECLARED ACTIVITY	WORKING TEMPERATURE	WORKING PH	SHELF LIFE
10,000 u/g	**25°C-60°C**	**8.5-10.5**	**12 months**
as stated on the product page	no optimum stated	no optimum stated	sealed, see storage below

SPECIFICATION

IDENTITY		
Appearance	Light brown	Typical
Odor	Slight fermentation smell	Typical
ACTIVITY		
Declared activity	**10,000 u/g**	Typical
WORKING WINDOW		
Temperature	25°C-60°C	Typical
pH	8.5-10.5	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 / bag

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

APPLICATIONS

Remove starch stains on clothes
Breaks starch into water-soluble dextrin, oligosaccharides and glucose.

Reduce caustic soda and sodium tripolyphosphate use
Lowers the amount of caustic soda and sodium tripolyphosphate needed.

Wash fabrics under milder conditions
Causes less damage to fabrics.

Clean laundry and dish care loads
Multi-enzyme formula with protease and amylase.

DOSAGE

0.15-0.5%
recommended application rate

Pre-mixing — **Mix with a small amount of detergent first before further processing**

The optimal application rate has to be adapted to the exact cleaning purpose.

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

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Online: enzymes.bio/product/detergent-enzymes-liquid-natural-stains-remover

Enzyme preparations are proteins that may induce sensitization; avoid direct 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