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TECHNICAL DATA SHEET

TDS-ENZ269-EN · REV. 02 · 2026-11-03

Textile Scouring & Anti-Redeposition Surfactant

Surfactant for textile scouring and washing that prevents soil and dye redeposition on fabric.

SKU **ENZ269** CATEGORY **DETERGENT ENZYMES** IONIC CHARACTER **NONIONIC / WEAKLY ANIONIC**

APPEARANCE **LIGHT-COLORED LIQUID** COMPOSITION NOTE **FREE FROM APEO**

Industrial grade Not restricted for transport

SHELF LIFE	WORKING TEMPERATURE	WORKING PH	APPLICATION RATE
12 months	**20–60 °C**	**5–7**	**0.5%–2.0% owf**
sealed, see storage below	effective range; no optimum stated	pH value of 1% solution; no optimum stated	scouring and washing; depends on fabric and contamination

SPECIFICATION

IDENTITY

Appearance	Light-colored liquid Typical
Ionic character	Nonionic / weakly anionic Typical

PHYSICAL

pH value (1% solution)	**5–7** Typical

WORKING WINDOW

Effective temperature range	**20–60 °C** Typical
Application rate	**0.5%–2.0% owf** 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
Store in a cool, dry and well-ventilated environment

PACK SIZE
1 kg bottle

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

APPLICATIONS

Textile scouring
Removes sizing agents, residual dyes and chemical impurities.

Washing dyed or enzyme-treated fabrics
Enhances color contrast and overall fabric appearance.

Post-dyeing and post-printing washing
Prevents back-staining on dark, denim and printed textiles.

Enzyme-assisted scouring or washing
Improves anti-redeposition behavior and supports cellulase systems.

DOSAGE

0.5%–2.0% owf

owf

Process	**Textile scouring and washing**
Fabric and contamination	**Depends on fabric type and contamination level**
Temperature	**20–60 °C effective range**

Typical rate for scouring is 0.5%–2.0% owf.
Washing rate is generally 0.5%–2.0% owf.

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

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Online: enzymes.bio/product/multifunctional-textile-scouring-anti-redeposition-surfactant

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