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TECHNICAL DATA SHEET

TDS-ENZ288-EN · REV. 02 · 2026-11-03

Bio Enzymatic Odor Removal Concentrate E10X

Bio-based concentrate that breaks down ammonia, sulfur and organic odor molecules by catalytic degradation.

SKU **ENZ288** CATEGORY **SPECIALTY ENZYMES** FORM **LIQUID CONCENTRATE** SOLUBILITY **EASILY SOLUBLE IN WATER**

Produced by submerged fermentation

Not restricted for transport

WORKING PH	FORM	RECOMMENDED USE LEVEL	SHELF LIFE
4.0–6.5	**Liquid**	**2%–10%**	**12 months**
no optimum stated	colorless to pale yellow transparent liquid	in finished formulation	sealed, see storage below

SPECIFICATION

IDENTITY

Appearance	Colorless to pale yellow transparent liquid Typical
Odor	Odorless Typical

PHYSICAL

pH range	**4.0–6.5** Typical
Solubility	Easily soluble in water Typical

FORMULATION COMPATIBILITY

Raw material compatibility	Cationic, nonionic and anionic systems; compatibility testing recommended Typical
Dilution water	Purified water may be used for formulation preparation 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 place away from direct sunlight; refrigerated storage is preferred

PACK SIZE
1 kg bottle

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

APPLICATIONS

Use in household deodorizing sprays
Breaks down odor molecules rather than masking them

Use in pet odor neutralizers
Reduces ammonia, hydrogen sulfide and amine-related odors

Use in fabric and upholstery refreshers
Targets malodor molecules in fabric and upholstery

Use in room and air-care products
Reduces volatile malodor compounds in indoor air

DOSAGE

2%–10%
recommended use level in the formulation

Example pet deodorizing spray	**2.0–10.0%**
Dilution	**Purified water may be used**

Adjust percentages for target market, packaging, stability and deodorization strength.
Run pilot testing before scale-up.

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

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Online: enzymes.bio/product/bio-enzymatic-odor-removal-concentrate-e10x-for-ammonia-sulfur-and-organic-odors

Non-toxic, but avoid unnecessary direct contact, prolonged skin contact and eye contact; rinse thoroughly with clean water if contact occurs. 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