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TECHNICAL DATA SHEET

TDS-ENZ256-EN · REV. 02 · 2026-11-03

Special Microbe bacteria Used for Solid Garbage Treatment

A selected-microorganism product that degrades organic matter in production and domestic garbage.

SKU **ENZ256** CATEGORY **WASTE & ENVIRONMENTAL TREATMENT** FORM **TAN FINE POWDER**

CATEGORY **WASTE & ENVIRONMENTAL TREATMENT**

Not restricted for transport

BACTERIA COUNT	OPTIMUM TEMPERATURE	OPTIMUM PH	FORM
1 × 10 9 / g	**25 °C - 65 °C**	**7**	**Tan fine powder**
six-strain blend, percentages stated	working range 10 °C - 70 °C	working range 6.0 - 8.0	aromatic odour

SPECIFICATION

IDENTITY	
Appearance	Tan fine powder Typical
Odour	The aromatic odour Typical
ACTIVITY	
Bacteria count	**1 × 10 9 / g** Typical
COMPOSITION	
Strain mix	50% Bacillus subtilis, 20% Bacillus licheniformis, 10% Polymyxa, 10% Aspergillus, 5% Nocardia Typical
WORKING WINDOW	
pH	6.0 - 8.0 (optimum pH = 7) Typical
Temperature	10 °C - 70 °C (optimum 25 °C - 65 °C) 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 and dry place

PACK SIZE
Not stated

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

APPLICATIONS

Reduce garbage volume in municipal solid waste landfills.
Reduces amount and size of organic garbage and extends landfill life.

Deodorize garbage during disposal.
Reduces unpleasant odour and inhibits harmful microorganisms.

Treat landfill leachate before disposal.
Reduces BOD, COD, ammonia, phosphate, nitrite and surfactant concentration.

Reduce mosquitoes and flies at garbage dumps.
Lowers insect nuisance and the use of chemicals.

DOSAGE

30 – 40g / ton

per ton of garbage

Dissolution	**50 times the amount of water**
Activation	**stand 30 - 45 minutes before use**
Water	**river or well water preferred; tap water after 48 hours standing**
Application	**sprayed evenly on garbage surface until fully wet**

Tap water should stand 48 hours to remove residual chlorine. Treatment conditions vary by garbage type; contact technical representatives.

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

enzymes.bio · Level 1, 6 Johnsonville Road, Wellington 6037, New Zealand · **Tel (USA) +1 (507) 428-6057** · wholesale@enzymes.bio

Online: enzymes.bio/product/special-microbe-bacteria-used-for-solid-garbage-treatment

Avoid massive inhalation and wash hands after use. 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