

TECHNICAL DATA SHEET

ECOZYME

Carpet and Fabric Deodorizer

The Next Generation in Odour Control Products

ECOZYME Carpet and Fabric Deodorizer is a ready to use formula specifically designed to eliminate objectionable odours in household, institutional, and industrial settings. ECOZYME Carpet and Fabric Deodorizer is a technologically advanced odour controller that combines the fast action of chemistry with the long term benefits of microbes.

The chemistry of odours:

Odours are perceived due to the interaction of odour molecules with olfactory receptors in the nose. To cause odour, compounds must be volatile to travel to the nose and must possess chemistry to stimulate olfactory receptors. Historically, odour control has usually involved the application of perfumes or odour maskants that do not eliminate odour but actually increase it by adding another less objectionable odour to overpower the malodour. Chemicals that interfere with the olfactory receptors may be used to deaden the odour response. In both cases, the odour compounds and any toxic effect they may have are not eliminated.

ECOZYME Carpet and Fabric Deodorizer actually captures and destroys the odours, instead of simply covering them up.

A novel chemical formulation for immediate odour control.

The long-lasting, deep cleaning benefits of biotechnology.

ECOZYME Carpet and Fabric Deodorizer is the result of intensive R&D efforts to engineer a household and industrial odour controller and cleaner that goes well beyond the capability of other products available.

To prevent the return of the odour, specialized microbes convert the odour-causing organics to benign cellular components plus odourless carbon dioxide and water. This combined chemical and microbial effect makes ECOZYME Carpet and Fabric Deodorizer a powerful yet safe and environmentally friendly odour controller.

ECOZYME Carpet and Fabric Deodorizer also contains sophisticated, non-resoiling cleaning capabilities designed specifically for carpet and upholstery stain removal.

Applications

Carpet Stain and Odour Eliminator
Garbage Collection Areas
Bathrooms
Pet Areas
Garage and Basement
Upholstery Stain and Odour Eliminator
Fitness Facilities
Laundry Rooms
Loading Docks

ECOZYME Carpet and Fabric Deodorizer effectively controls all major classes of malodorous compounds:

COMPOUND	TYPE	REDUCTION VS
Hydrogen	sulfide	92%
Ammonia	ammonia	46%
Dimethylamine	amine	46%
Trimethylamin	amine	49%

FIGURE1. Gas analysis is headspace 2 hours after 2 mls ECOZYME are mixed with 9 mls of highly concentrated solutions. Analytical results are compared to water controls

Performance Characteristics

Bacteria Specification 5.4 x 10⁷ cfu/ml(200 bil cfu/gal)
Bacteria Type Blend of *Bacillus* Spores
pH Range 7.5-8.5
Appearance Slightly cloudy liquid
Fragrance Mild, clean fragrance
Stability 2 years + at 35° to 95° F (2°-35° C)

Storage and Handling

Store in a cool dry place. Wash hands thoroughly with warm, soapy water after contact. Avoid eye and skin contact. Apply as direct spray, not as atomizer.

Available Packaging

1L bottle
4L jug
20L pail
204L drum

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