



ATO ZYME

MULTIPLE SPORE BLEND CONCENTRATE

DESCRIPTION

ATO ZYME is a multiple spore blend concentrate designed for use as a base culture in the formulation of biological based products. This specialized microbial blend provides exceptional performance over a wide range of organic waste related applications. The components of **ATO ZYME** are listed on the Canadian Domestic Substances List (DSL). **ATO ZYME**'s innovative multiple spore blend can be used to design environmentally safe product solutions for many types of organic waste, odor and stain problems.

The select blend of biostrains in **ATO ZYME** specifically promote optimum enzymatic activity of protease, lipase, amylase and cellulase, and provides outstanding breakdown of protein, starch, carbohydrates, fats, oils and grease.

Benefits

- Odor control
- Quick cleaning action
- Organic removal
- Accelerated enzymatic degradation – synergistic action allows the multiple spore blend to work faster and more effectively.
- Superior germination and outgrowth – results in increased bacterial activity in a variety of organic waste applications.
- Enhanced aerobic and anaerobic performance ideal for applications subject to aerobic and anaerobic environments.

Applications

ATO ZYME is designed to provide exceptional performance across multiple applications:

- Drain line and grease trap maintenance and odor control
- Bathroom cleaner and deodorizer
- Carpet and fabric care – odor and removal of milk, vomit, urine, feces, blood, coffee, wine, etc.
- Laundry pre-spotter for organic stains
- Septic and waste treatment



Product Characteristics

Bacteria Count	5.4 x 10 ⁷ cfu/ml
Bacteria Type	Blend of Bacillus spores
Salmonella/Shigella	Negative
Appearance	Tan liquid
Stability	2 years at 35° - 95°F (2° - 35°C)

Performance Characteristics

Enzyme Production	Lipase, Protease, Amylase, and Cellulase
Bacterial pathways	Aerobic & facultative anaerobic
pH range:	5.0 – 9.8
Temperature range	38° - 145°F (3° - 63°C)

Storage and Handling

Store in a cool, dry place. Avoid inhalation. Wash hands thoroughly with warm, soapy water after contact. Avoid eye contact.

Available Packaging

- 5 gallon pail
- 55 gallon drum
- 4 x 1 gallon unit cases