



**Biodyne** *Midwest*  
LLC

The VIABLE Alternative  
Since 1989

# ENVIRONOC® 501

## Beneficial Microorganisms

**BIODYNE, ENVIRONOC 501** is an assortment of beneficial micro-organisms for composting and vegetation degradation applications.

**Environoc 501 Uses:** for Biological Composting, Landfill green waste reduction operations, Agricultural and Turf applications.

1 gallon ☐

2.5 gallon ☐

5 gallon ☐

55 gallon ☐



LOT #

[www.biodyne-midwest.com](http://www.biodyne-midwest.com)



## Application Instructions

### Application / Dosing Instruction

Application	Dose	Frequency
Composting	6 oz per gallon of water	every 2 weeks, turn pile when applying
Turf	6 oz per 1000 ft. <sup>2</sup>	1-2 times in Fall / Early Spring
Agriculture	16-32 oz per acre	1 time in Fall / Early Spring

### Guaranteed Analysis

#### Active Ingredients

	Percent
Mixture of microbial strains	4.37% (nominal)
Bacillus amyloliquefaciens	1x10 <sup>8</sup> CFU/ml
Bacillus licheniformis	1x10 <sup>8</sup> CFU/ml
Bacillus subtilus	1x10 <sup>8</sup> CFU/ml
Cellulomonas cellasea	1x10 <sup>8</sup> CFU/ml
Chaetomium brasiliense	1x10 <sup>8</sup> CFU/ml
Chaetomium murorum	1x10 <sup>8</sup> CFU/ml
Pseudomonas putida	1x10 <sup>8</sup> CFU/ml
Pseudomonas stutzeri	1x10 <sup>8</sup> CFU/ml
Saccharomyces pastorianus	1x10 <sup>8</sup> CFU/ml
Streptomyces albidoflavus	1x10 <sup>8</sup> CFU/ml
Streptomyces ghanaensis	1x10 <sup>8</sup> CFU/ml

<b>Inert Ingredient:</b> Water	95.43%
Ferment residue (non-animal)	0.20% (nominal)
	100%

**Storage-** Please Store at Room Temperature or below, DO NOT FREEZE. Product will have a strong odor due to Microbial Activity.

For Best Results, shake before using since settling can occur.

If combining with other products avoid having them mixed together for extended periods of time. Some chemicals can be detrimental to the microbes. If mixing with other products, it is best to mix shortly before the application (just in time). Perform a jar test to ensure compatibility.

**CAUTION:** This product is not considered to hazardous to animals, plants, humans or the environment. The microbes have not been genetically modified. Keep out of reach of children and Do Not Ingest. This product has very low toxicity via ingestion, skin/eye contact or inhalation but if accidental ingestion occurs or product gets into eyes, contact your healthcare provider immediately. Product is safe around plants and animals when used for labeled applications. User assumes responsibility and liability for appropriate utilization and handling of product.

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