

# ABC-501

## MANURE DEGRADER

### PRODUCT BULLETIN

**ABC-501** is a high potency, bacteria-laden, powdered formulation, for use in degrading many types of waste. **ABC-501** contains a specially formulated, proprietary blend of microorganisms, micro/macronutrients, and surface tension suppressants/penetrants, developed for use in bioaugmentation. Because of the diversity of the microorganisms and enzyme systems, this product is excellent for accelerated animal waste degradation. The safe, naturally occurring bacteria and enzyme systems are present in high numbers to handle difficult animal waste degradation problems.

#### **ADVANTAGES**

- ❑ Contains facultative anaerobes
- ❑ Enhances COD/BOD removal
- ❑ Eliminates malodors at their source
- ❑ Changes biomass dynamics
- ❑ Reduces sludge build-up
- ❑ Degrades high concentrations of waste
- ❑ Eliminates need for harsh, corrosive chemicals

#### **APPLICATIONS**

- |                            |                       |
|----------------------------|-----------------------|
| ❑ Activated Sludge Systems | Aerated Lagoons       |
| ❑ Sewers                   | Facultative Lagoons   |
| ❑ Holding Tanks            | Manure Pits           |
| ❑ Waste Water Plants       | Oxidation Ditches     |
| ❑ Collection Systems       | Reactors & Contactors |

#### **DEGRADES**

Fats, Oils & Grease  
Malodors  
Foaming

Starches  
Animal Fats/Wastes  
Ammonia

Proteins  
Triglycerides  
Hydrogen Sulfide

#### **PACKAGING**

**ABC-501** is packaged in 25, 30, & 100 pound containers. **ABC 501** is also available in **"Bio-Pouches"**

**ABC ENVIRONMENTAL LLC  
ABC-501  
TECHNICAL DATA**

**TYPICAL PROPERTIES**

Appearance..... light tan  
Fragrance.....mild-earthly  
Form.....powder  
pH.....6.8-8.5  
Shelf-Life.....2 years/u.o.c.  
Flash Point.....none

**PERFORMANCE PROPERTIES**

Effective pH range.....5.2-9.5  
Effective Temperature Range.....35-130 degrees F  
Bacterial Enzyme Production.....Protease, Lipase, Amylase, Urease, Cellulase

**STORAGE AND HANDLING**

Storage.....Store in a cool, dry place  
Handling.....Wash hands thoroughly with warm, soapy water after handling

**BACTERIAL COUNT**

“ABC-501”.....5 Billion per gram