

ABC-118

For Pulp & Paper Use

PRODUCT BULLETIN

ABC-118 is a high potency, bacteria-laden, powdered formulation, for use in degrading many types of waste. **ABC-118** contains a specially formulated blend of microorganisms, micro/macro nutrients, fungi, and surface tension suppressants/penetrants, developed for use in bioaugmentation. Because of the diversity of the microorganisms this product is excellent for pulp & paper wastewater applications where there are heavy influxes of cellulosic fibrous organic solids. The enzyme activity enhances cellulosic reduction by converting the fibrous solids into carbon dioxide and water.

ADVANTAGES

Greatly reduces labor time	Enhances BOD/COD removal
Reduces hydrogen sulfide	Reduces sludge build-up
Cost effective/Easy to use	Changes biomass dynamics
No special equipment needed	Increases system efficiency
Breaks down fat & grease buildup	Eliminates malodors at their source
Degrades a wide variety of complex organics	Contains facultative anaerobes

APPLICATIONS

DIGESTERS	SLUDGE TANKS	LAGOONS
RBC'S	TRICKLING FILTERS	IMHOFF TANKS
PRIMARY CLARIFIERS	AERATION TANKS	SECONDARY CLARIFIERS
ACTIVATED SLUDGE	AERATED BASINS	STATIC PONDS

DEGRADES

Cellulose Material	Hydrogen Sulfide Odors	Ammonia
Lignin's	High BOD	Starch
Black/Green Liquor	Pine Soap & Tall Oil	Foaming

ENZYMATIC ACTIVITY:

Protease (Casein Digesting).....	Units/Gram: 35,000 Min.
Amylase (Modified Wohlgemuth).....	Units/Gram: 55,000-80,000
Lipase (USP).....	Units/Gram: 400
Cellulase (CAU).....	Units/Gram: 1800 Min.

PACKAGING

"BEC-118" is packaged in 25, 50, 100, and 400 pound containers and is also available in various sizes of "Bio-Pouches"

ABC ENVIRONMENTAL LLC
ABC-118
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-118”.....6.2 Billion per gram