

WASTEWATER *Solutions*



BLOCK WORX BCT

- Unique blend of Bacillus and Pseudomonas bacteria reduces sludge, odors, fats, oils and greases from municipal wastewater collection systems.
- Non-pathogenic, non-caustic, non-corrosive and does not contain any emulsifiers.
- Reduces BOD and COD by digesting waste products and turning them into water and carbon dioxide.



State®
Since 1911

CARE FOR WORK ENVIRONMENTS®

BLOCK WORX BCT

DESCRIPTION

In areas where automatic feed equipment can't be used, Block Worx BCT is the answer. The dual-release block releases enzymes and *Pseudomonas* bacteria in the first 72 hours to kick start the breakdown process early. The remainder of the Block, which is *Bacillus* bacteria, is then released over the next 30-60 days creating the staying power needed to maintain the treated area. Placing Block Worx BCT upstream will create a "bio-generator" in your wastewater stream, producing higher bacterial counts. Block Worx BCT will work quickly to break down sludge, fats, oils and greases.

HOW IT WORKS

Block Worx BCT reduces hydrogen sulfide, sludge build-up and breaks down odors, fecal matter and grease compounds. The consortium of bacteria breaks down long-chain fatty acids and a wide range of complex organics. One Block Worx BCT is equivalent to 35 gallons of a liquid bacterial count of 260 billion organisms per gallon. Block Worx BCT dissolves gradually over a 30 day period (depending upon flow rate) allowing for continuous treatment of waste.

Instructions:

- 1) Remove Block Worx BCT from box
- 2) Suspend Block Worx BCT from a rope into the area to be treated
- 3) Change out the spent Block Worx BCT with a new Block Worx BCT about every 30 - 60 days

TECHNICAL DATA:

Physical Properties

Appearance: blue cylindrical block

Storage Conditions: store in a cool, dry location

Odor: mild, earthy

DOT Hazard Information: nonhazardous

Weight: 5.0 lbs.

Biological Properties

Bacteria Count: minimum aerobic and anaerobic bacteria - 4 billion CFU/gram

Types of Biological Enzyme Production: Alpha-Amylase, Lipase, Protease, Cellulase, Ammonia Assimilation, Reductase, Xylanase, Urease

Catalyzes the breakdown of: proteins, starches, fats, oils and greases

Operating Parameters

Temperature Range: 7 - 50°C (45 - 120°F)

pH Range: 5-9.5

OTHER STATE WASTEWATER TREATMENT PRODUCTS



Ecolution® Drain Line Maintainer
Bacterial Lift Station Maintainer



Bio-Mate™
Biological Catalyst



Pit Raider™
Hydrogen Sulfide and Sludge Treatment



PrimeZyme™
Liquid Bacterial/Enzyme Treatment

PACKAGING

125225

4 Blocks (5lbs)



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5915 Landerbrook Drive
Mayfield Heights, OH 44124
To Order Call: 1-866-747-2229
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Canada
6935 Davand Drive
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