

# 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.



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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

5 GL Pail CS/4



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