



Solutions beyond your expectations

CHEMTECH BIO-BLOCK

PRODUCT DESCRIPTION:

A unique bacterial-laden solid, combining a high bacterial count with slow release technology, to dose bacteria into wastewater and effluent handling facilities.

Chemtech Bio-Block is a solid material that slowly dissolves, releasing bacteria for digestion of organic waste in higher flow systems such as lift stations, wet wells, etc. These beneficial bacteria are present in high numbers to handle difficult organic problems. This unique brick will gradually dissolve over a 30-90 day period which allows for continuous treatment and digestion of waste. The naturally-occurring bacteria contained in the block will reduce odor, sludge, fats, oils, and grease buildup.

ADVANTAGES

<ul style="list-style-type: none">● Greatly reduces labor time● Reduces hydrogen sulfide● Cost effective/easy to use● No special equipment needed● Breaks down fat & grease buildup● Contains no chemicals	<ul style="list-style-type: none">● Enhances BOD/COD removal● Reduces sludge buildup● Changes biomass dynamics● Increases system efficiency● Eliminates malodors at their source● Degrades a wide range of complex organics
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APPLICATIONS

<ul style="list-style-type: none">● holding tanks● reactors and contractors● waste pumps● oxidation ditches	<ul style="list-style-type: none">● lift stations● activated sludge● lagoons
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DOSAGE RATES

FLOW RATE (Thousand Gallons/Day)	BLOCK SIZE (Replace after 30-90 days)
25 – 75	2 pound
75 - 250	5 pound
250 - 1000	10 pound
1000 +	30 pound

TECHNICAL SPECIFICATION

Application	organic waste in higher flow wastewater treatment systems
Bacteria count	5 billion colony forming units (cfu)/gram
Bacteria type	<i>Bacillus</i> spore blend
Typical properties	appearance - green solid fragrance - mild earthy form - solid block shelf life -24 months from date of manufacture
Performance properties	effective pH range - 5.0 - 9.5 temperature range - 45 - 120°F (5 - 50°C)
Packaging	2 lb block is supplied 4 blocks per case 10 lb block is supplied 4 blocks per case 5 lb block is supplied 4 blocks per case 30 lb block is supplied 1 block per case

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