



BIO-BLOCK 2510

Ultra concentrated - 10 Billion Microbes per gram formula

Rapidly degrades:

Fat - Oil - Grease

Environmentally Friendly Product

BIO-BLOCK 2510

PRODUCT DATA

BIO-BLOCK 2510 is a solid, bacterial-based block for use in degrading fats, oils, and grease in higher flow systems such as lift stations and wet wells. The safe, naturally occurring bacteria are present in high numbers to handle heavy organic loading. The unique block will gradually dissolve over a 30-60 day period which allows for continuous treatment and degradation of waste. The naturally occurring bacteria contained in the block will also reduce odors caused by fats, oils, and grease (FOG's) buildup.

ADVANTAGES

- Allows for 24 hour continuous treatment of waste, not just periodic dosage
- Greatly reduces labor time needed for dosage maintenance
- Helps to reduce hydrogen sulfide and sludge buildup
- Enhances COD/BOD removal
- Significantly reduces malodors from volatile fatty acids (VFA's)
- Cost effective and reduces the frequency of pump-outs
- Breaks down FOG's and other organic buildup and maintains lift station efficiency
- Eliminates need for metering pump or electrical
- Eliminates need for metering pump or electrical hookups
- Versatile to use in other systems (bioaugmentation)
- Automates wastewater treatment



TYPICAL USAGE AREAS

- Lift Stations
- Wet Wells
- Equalization/Storage Tanks
- Wastewater Ponds and Lagoons
- Wastewater Collection Sumps
- Grease Traps and Interceptors
- Recycle Water/Wash Systems
- Pretreatment and Bioreactors
- General Wastewater Treatment

Environmentally Friendly Product

TYPICAL PROPERTIES

Appearance.....	dark green
Fragrance.....	mild earthy
pH.....	7.8-8.5
Shelf-Life.....	2 years
Flash Point.....	none
Bacteria Count.....	10 billion CFU's/gram
Effective pH range.....	4.25-10.0
Effective Temperature range.....	45-135 °F

RECOMMENDED USAGE RATES

BIO-BLOCK 2510 gives around-the-clock waste degradation treatment with a simple, easy to use system. Simply suspend the block into the treatment area, allowing the block to be placed near the higher flow areas. The block will dissolve over a 30-60 day period as the wastewater flow washes over it. Higher flow rates will result in faster degradation of the block.

Suggested **BIO-BLOCK 2510** Sizing:

0-30 KGD.....	2 LB. BLOCK
30-250 KGD.....	5 LB. BLOCK
250K-1 MGD.....	10 LB. BLOCK

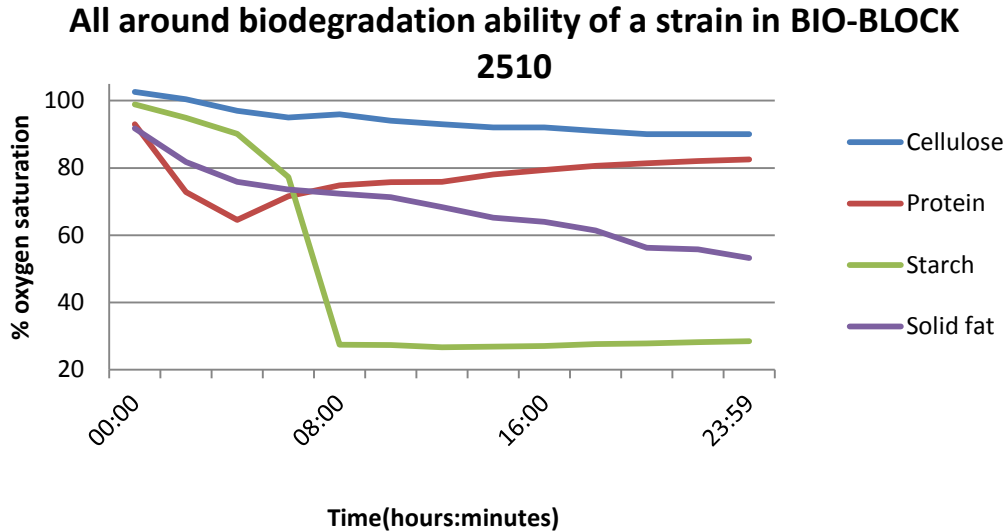
PACKAGING

BIO-BLOCK 2510 is packaged 4 blocks per case. Block sizes are 2, 5, and 10 lbs. each.

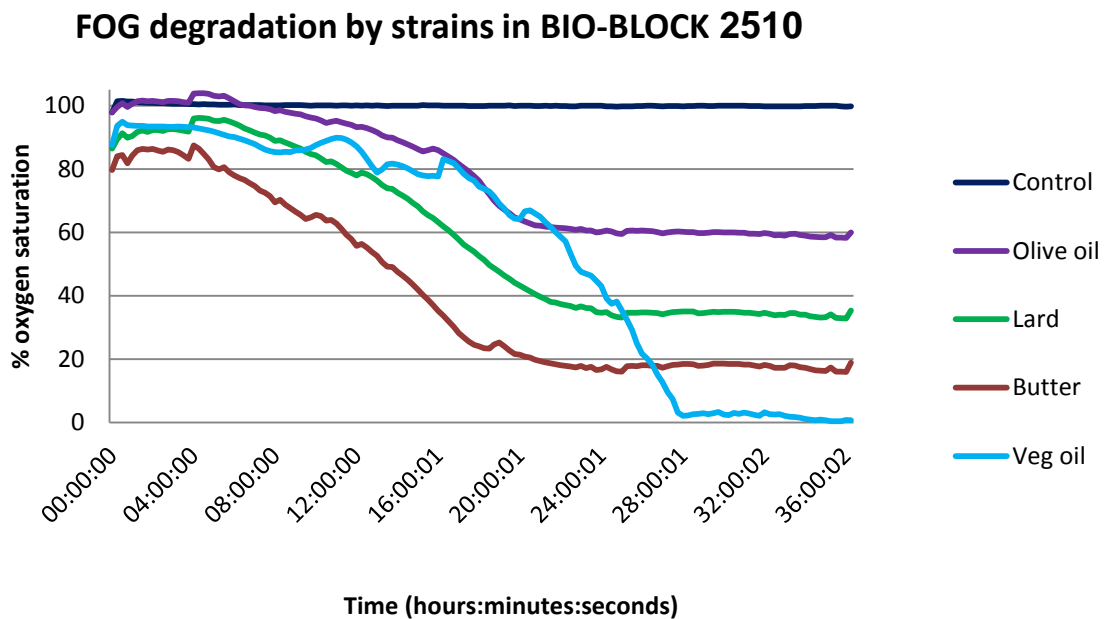
STORAGE AND HANDLING

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

Performance Data for BIO-BLOCK 2510

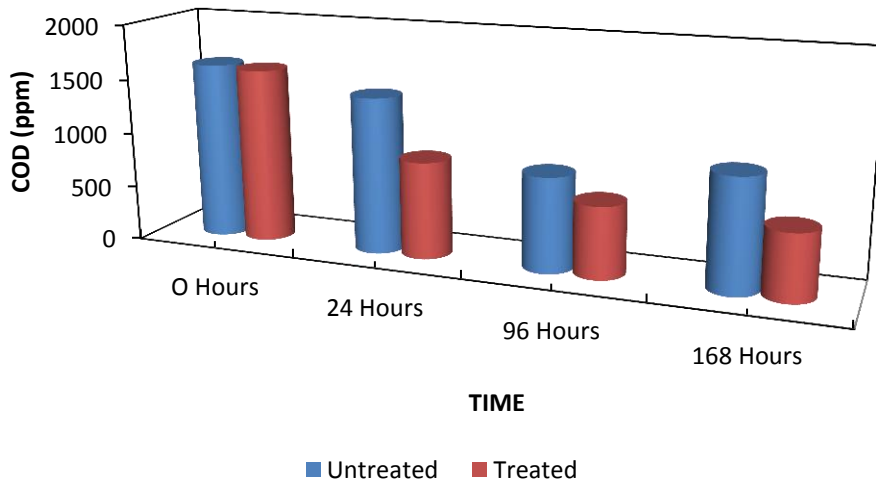


The above graph shows the all-around degradation capabilities of one strain in Bio-Block 2510. The combination of each strain's strength on different substrates makes this formulation powerful against any organic waste.



The above graph shows the combination of strains against common household fats, oils, and greases. The strains show very effective activity on each substrate, making the combination very powerful in wastewater treatment plants and grease traps.

COD study - synthetic wastewater treated with bacillus strains in BIO-BLOCK 2510



This represents an **average of 40% reduction in COD**

Distributed by:

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