



BIO-CUBES & TABLETS

ENVIRONMENTAL SOLUTIONS TECHNOLOGIES PRODUCTS EXPERTISE

WASTEWATER AND ORGANIC WASTE

Bio-Cubes and Tablets are a microbial laden solid for use in degrading organic waste in grease traps, drain lines, petroleum tanks, septic tanks, lift stations, lagoons and fish ponds. The safe, naturally occurring microbes are present in high numbers to handle difficult organic problems. The unique Bio-Cube and Tablets will gradually dissolve over a 30-120 day period which allows for continuous treatment and degradation of waste. The naturally occurring microbes contained in the solids will reduce odors, sludge, fats, oils and grease buildup.

ADVANTAGES

Allows for 24 hour continuous treatment of waste, not just periodic dosage

Greatly reduces labor time needed for dosage maintenance

Reduces hydrogen sulfide and sludge buildup

Easy to use

Significantly reduces malodors

Cost effective and reduces the need for pumping interceptors

Breaks down fat, oils and grease buildup

Eliminates need for metering pump - no initial or maintenance cost

Eliminates need for personnel to dose other types of treatments daily or weekly

Automates septic and grease trap maintenance program

PACKAGING

Bio-Cubes are packed four cubes per case. The 10 pound is packed two cubes per case. The 30 pound is packaged one per case.

HIGHLY CONCENTRATED SOLID

Microbial Count Approximately 2 Billion C.F.U./Gram

HOW TO USE

The Bio-Cube gives 24 hour continuous waste degradation treatment with a simple, easy to use system. Simply suspend the cube into the treatment area, hanging the cube one half the way into the grease trap or interceptor liquid level. The cube will dissolve over a 30-120 day period, depending on size of flow rates in a typical holding tank or interceptor providing optimal efficiency and treatment.



DOSAGE RATES

		EST. LONGEVITY	FLOW RATE	EST. LONGEVITY
2 Pound Bio-Cube	15-50 Gal. Trap	45-60 Days	150 KGD	20-30 Days
5 Pound Bio-Cube	350-2000 Gal. Trap	30-60 Days	250-500 KGD	35-60 Days
10 Pound Bio-Cube	2000-5000 Gal. Trap	60-90 Days	300-1 MGD	60-75 Days
30 Pound Bio-Cube	5000 or larger Gal. Trap	100-120 Days	1-1.5 MGD	75-90 Days

CONTACT US FOR MORE INFORMATION:

P.O.Box 8149
Surprise, AZ 85374

www.cleanitup.com web
www.cleanitupabsorbents.com web

sales@cleanitup.com e-mail
800.684.1347 toll free

623.544.4378 in AZ
623.544.5925 fax

AREA OF USAGE

Restaurant Grease Trap Treatment or other Food Processing Facilities

Oil/Water Interceptors and Industrial Holding Tanks

Septic Tank Maintainer in Residential Home, Institutional or Commercial Facilities

Industrial and Municipal Waste Water Treatments, including Sewage Treatment Plant Lift Stations

Animal or Agricultural Farm Waste Treatments

Fish Ponds and Landscape Ponds

Odor Eliminator by Digesting Odor-Causing Organic Wastes

Other related Organic Waste applications



SOLID BIO-CUBES vs MOST LIQUID BACTERIA PRODUCTS

Most R.T.U. Liquid Microbial products contain bacteria count of 50 million C.F.U./ml. Bio-Cubes have 40 times more bacteria concentration than most liquid bacteria products.

Bio-Cubes are designed to save money with the latest technology of "Slow Timed Release" method. Based on laboratory testing, the 10 Lb. size of Bio-Cubes may last up to 5 months in the average Restaurant Grease Trap. (The usage longevity will depend on the water flow rate inside the Grease Trap)

Do not need to invest in expensive pumping equipment as is used in the liquid bacteria products.

Easy application.

Destroys odors by digesting odor causing organic wastes, stains and greases.

Biodegradable, environmentally safe and friendly.

RELATED PRODUCTS

Microbial Nutrients, Buffering Agents, Bio-Buf, Oil Sponge Remedial, Microbial Powders, Pouches, Additives, Bio-remediation Consulting and technical Resourcing.

TYPICAL PRODUCT PROPERTIES

Microbe Species	Multiple Bacillus spp. and Arthrobacter spp.
Microbe Count	2 Billion C.F.U/gram
Microbe Activity	Facultative (Growth with or without the presence of Oxygen)
Microbe Enzyme Production	Amylase/Protease/Lipase/Urease/Cellulase/Esterase/Xylanase
Form	Solid Blocks with 99+% Spores
Product Appearance	Hard Solid Blocks in Blue color
Product Fragrance	Mint fragrance
Salmonella	Negative
Effective pH Range	5 to 10 pH
Effective Temperature Range	40 F to 150 F (or 5 C to 65.5 C)
Surfactant Type	Biodegradable, Anionic
Flash Point	None
Shelf Life	2-3 years stored at room temperature (70 F or 21 C)
Packaging Size	2 Lbs. (4/case); 5 Lbs. (4/case); 10 Lbs. (2/case); 30 Lbs. (one per pail)