



Moving Biological Water Treatment Generations Ahead

United Laboratories' biological block products have led the way for safe, effective, easy-to-use solutions for your water treatment needs for over a decade.

World's First

 **Inter-Core
Technology®**

The innovative, patented Inter-Core Technology® now takes the biological block concept to a whole new level, moving generations ahead while providing you with unbeatable performance power.

Inter-Core Technology® products offer ideal solutions for treating:

- Lift Stations
- Sumps
- Grease Traps
- Mains
- Treatment Lagoons
- Retention Ponds

Inter-Core Technology® combines the staying power of proven block technology with the instant concentrated dosage of a granular active.

For our bacterial blocks, the core consists of a 10 billion CFU/g count of a special bacterial blend that is quickly released as a slug dose into the water within minutes.

The solid exterior block is a special blend of bacteria containing 10 billion CFU/g that is designed to release its bacteria over an extended time – usually 60 to 180 days, depending on the product and water flow.

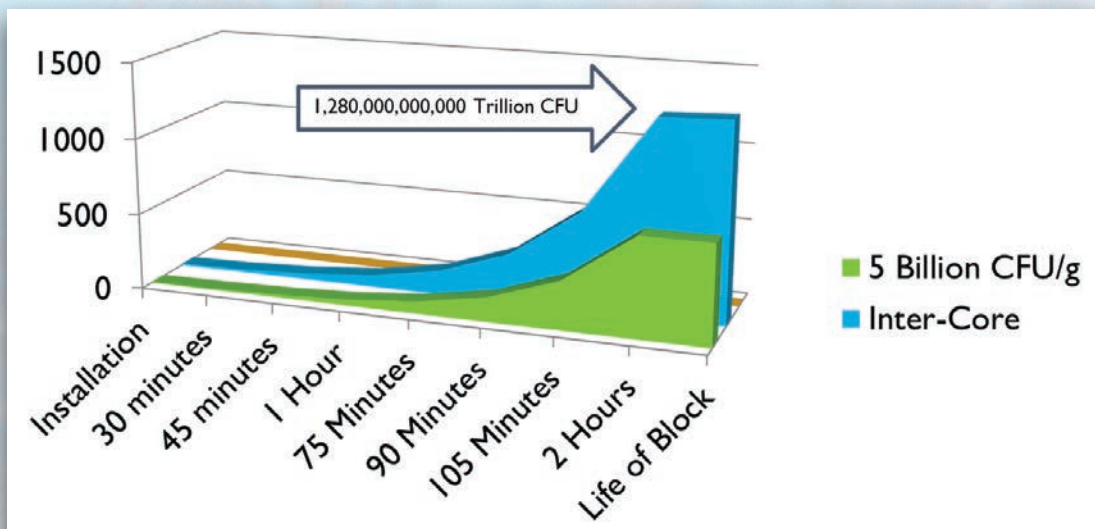


Where is the advantage of this design?

Most solid blocks on the market contain 3 – 5 billion CFU/g of various bacterial blends that are designed for slow release. With Inter-Core Technology® you get 10 billion CFU/g to jump start your treatment process for maximum performance, while also getting another 10 billion CFU/g to provide extended treatment.

What does that mean for you?

Once placed in the water stream, the specially selected blends of bacteria in the blocks are released and continue to grow in numbers to control the situation at hand. Looking at the chart below, you'll see the Inter-Core Technology® blocks provide more bacterial action more quickly and continue to grow exponentially compared to standard blocks.



The significantly higher bacteria counts provide faster results with the extended performance power needed to best treat and maintain your systems.



The Inter-Core Technology® Products

All Inter-Core Technology® bacterial products have numerous, specially selected strains of beneficial gram negative and gram positive bacteria that are suited for their specific applications. This patented technology is not limited to bacterial products as other actives will be utilized in the same way for different needs and applications.

Inter-Core Technology®:

- Earth Smart® certified – safer in use for both the user and the environment.
- Contains no hazardous ingredients.
- Bacteria strains compatible with wastewater treatment plant strains.
- Ranked all zeros for HMIS numbers.
- Easy-to-use, requiring minimal attention.
- Contains no acid, caustics or solvents.
- Withstands a wide range of temperatures and adverse conditions.
- Safe for all types of lines – will not corrode system.



United 856 BIO-ACCEL

BIO-ACCEL is derived of a critical blend of enzymes designed to accelerate the breakdown of wastes and stimulate biological activity in lift stations, grease traps and mains. Each 2-pound block contains 10,000 IU/gram that stimulate the biodegradation of grease and other organic wastes. Increases natural bacterial activity, working at temperatures between 38°F to 165°F for 60 – 180 days.

United 890 SLUDGE SHARKS Lagoon and Pond Treatment

Let **SLUDGE SHARKS** directly attack the sludge build-up in lagoon and pond systems. Simply throw the blocks into the areas where sludge is building up and the special combination of gram negative and gram positive bacteria will reduce the VOC's found in the sludge and reduce the sludge levels by 30% to 60% in 60 to 90 days. Each block will treat 1500 square feet, delaying the need to dredge the pond, while reclaiming treatment capacity.

United 981 LAGOON SHARKS Lagoon and Pond Treatment

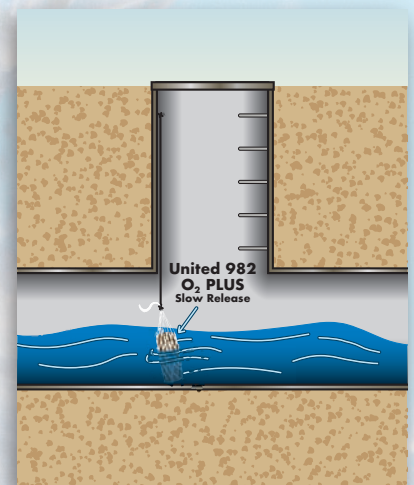
LAGOON SHARKS are formulated to attack and bio-degrade gasoline, oil, diesel fuel and other organics in the sludge at the bottom of retention ponds and lagoons. As it reduces the hydrocarbons and VOC's in the sludge it also reduces the sludge levels by 20% to 50%. If controlling contaminants from storm water run-off is a concern, this is the product to choose. Each block will treat up to 1500 square feet and it is easy-to-use.

United 982 O₂ PLUS Slow Release

O₂ PLUS quickly releases actives that begin generating low-level oxygen in minutes and then continues to produce low-level oxygen for an extended period of time. Stimulates and improves beneficial biological activity and biodegradation of organic waste, while reducing odors. For use in mains, lift stations, grease traps, sumps and stagnant water. **O₂ PLUS** continues working 60 – 90 days, with a temperature range of 48°F to 120°F.

United 983 I-C Grease Trap Maintainer

United 983 I-C Grease Trap Maintainer is formulated with a special bacterial blend that biodegrades the grease and organic wastes found in grease traps. Provides a quick slug dose treatment, followed by slow releasing bacteria that will control grease and odor for 30 – 90 days, depending on load levels.



United 984 LIBERATOR Bacterial Treatment

The 2-pound **LIBERATOR** blocks will free your system of grease and odors. Ideal for lift stations and mains, the **LIBERATOR** provides an initial slug dose and then a continual source of bacteria to biodegrade grease and other organic wastes. The slow release outer shell of the **LIBERATOR** provides 60 – 180 days of grease and odor control.



Before



Grease layer significantly reduced with clear water showing after 4 weeks.



After 12 weeks, grease collar continues to erode, grease balls remain smaller in size with more clear water visible throughout.

United 985 OIL EATER Hydrocarbon Eliminator Block

The **OIL EATER** is specifically formulated to bio-degrade diesel fuel, gasoline, motor oil and other organic compounds found in municipal collection systems. It is extremely effective and controlling hydrocarbon-based pollutants found in storm water runoff. **OIL EATER** contains facultative anaerobes which work to degrade with or without oxygen and can be used in manholes and mains, lift stations and sumps. These blocks last for 60 – 180 days as an easy-to-use solution for controlling hydrocarbons.

United 986 MUD MONSTER Mud Remover Block

MUD MONSTER blocks are designed to break apart mud deposits and destroy their cohesive and adhesive properties within collection systems. It provides a low-maintenance approach to controlling mud, sludge and silt in lift stations, manholes, mains and sumps. As **MUD MONSTER** breaks through the mud it then disperses very fine particles throughout the water to be carried away with a flow velocity below 2.0 feet per second. **MUD MONSTER** significantly reduces the need for bringing out the Vector Truck.

United 987 COLD-BAC BLOCK

When the temperatures start dipping, turn to **COLD-BAC BLOCK**. Long after other bacteria have gone dormant, the special cold-weather strains that are blended in United 987 will remain active to biodegrade grease and other organic wastes in lift stations, grease traps and mains. Each block provides 60 – 180 days of added performance, working with temperatures between 38°F and 100°F.

United 988 GASMASTER H₂S Inhibitor Block

Each **GASMASTER H₂S Inhibitor Block** offers protection that goes a long way in providing odor and H₂S reduction in lift stations, manholes, mains and sumps. This specific bacterial blend will reduce H₂S gas accumulation by as much as 30%, while biodegrading grease and other organic wastes for 60 – 180 days. **GASMASTER** will withstand a wide range of temperatures and adverse conditions.

United 990 I-C IMPACT PLUS Grease Trap Maintainer

This block is formulated to maintain grease traps that are particularly difficult to control. The inner core releases a slug dose of 10 billion CFU/g of specially blended bacteria to quickly start breaking down the grease. The outer core provides a slow release of this bacteria with added enzymes to continue to stimulate the extra biological breakdown with added impact for 30 - 90 days.