



# BioCap™

Bioremediation Technology - Summary

**NewEraSOS™**  
Scientific Optimal Solutions

## Product Info

Our BioCap™ products are proprietary specific blends of microbes utilizing only synergistic strains to treat unprocessed hydrocarbons, greases, phenols and many F.O.G.'s (fats, oils, greases) compounds.

They can be used in combination with EnCapX products where the ecosystem lacks bacteria or where excessive grease and odors exist.

During their polymorphic growth cycle the vegetative microbes produce enzymes, organic acids, biosurfactants and biopolymers beneficial for organic digestion and water clarification.

All BioCap™ products contain unique catalysts to facilitate the penetration into difficult deposits. A unique organic stabilization is used to extend shelf life until after initial dilution.

All products contain selectively adapted microbial cultures and enzymes, which maximize organic breakdown to assure optimal biochemical catalyst activity to accelerate nature's own biological capabilities. In the proper ratio, bacteria use carbon, nitrogen, phosphorous, and many micronutrients (Ca, Co, Cu, Fe, K, Mn, Mo, Zn, etc.) in conjunction with available water for cell reproduction / multiplication. Upon assimilation and metabolizing of the organic food source they produce CO<sub>2</sub>, H<sub>2</sub>O, additional bacteria, and by-products, which can be utilized by other microorganisms.

## Where to Use

There are five targeted systems that our products were specifically formulated to generate consistent positive outcomes.

- ✓ Drain Lines
- ✓ Grease Traps/Interceptors
- ✓ Lift Stations

- ✓ Ponds
- ✓ Wastewater Treatment Plants

Our BioCap™ products come in super-concentrate allowing for considerable dilution based on the desired application.

## Benefits

Our BioCap™ products come in liquid or compressed powder chunks, all extremely convenient and easy to use.

- Economical
- Controls Grease and Odors
- Digests and Consumes F.O.G.'s
- Resistant to many sanitizing agents
- Produces more enzymes organically than any artificial enzyme treatment
- pH near neutral delivery
- Non-hazardous

## The Products

1. **BioCap-T™** - A proprietary blend of microbes (800 billion per gallon) designed for use in drain lines and grease traps to digest and consume F.O.G.'s. The microbes' ability to consume large amounts of organics maintain efficient drains and traps reducing pumping and cleaning while controlling the odors. Water quality being discharged is greatly improved as a result of bioremediation. Creates efficient biological system that increases BOD, and controls odors (H<sub>2</sub>S) escaping from drains and traps.

**Item #BKBT01GRT:** 1-Gal Bottle

**Item #BKBT05GRT:** 5-Gal Pail

2. **BioCap-L™** - A proprietary blend of microbes (1 trillion per gallon) specifically designed to operate in the harsh environment found in lift stations that effectively controls the build-up of organics, grease while reducing associated odors. Lift stations typically create large

volume of organics requiring significant biological activity that cannot be obtained efficiently and economically without the use of targeted microbes contained within this product. Reduce float and equipment malfunctions, overflows and reduce pumping expenses while adhering to strict municipal guidelines.

**Item #BKBCLO5GRT:** 5-Gal Pail

3. **BioCap-CP™** - A proprietary blend of microbes in compressed powder chunks designed as a "slow-release" program releasing 100 billion microbes per pound over a 2 to 3-week period to consume organics and F.O.G.'s in grease traps and lift stations. These additional microbes will help balance and enhance the natural biological environment of your system while reducing F.O.G.'s and odors. The use of chunks eliminates dispensing equipment and relies on a "toss and forget" application that is extremely economical and efficient.

**Item #BKBCCP18LB:** 18lb Container

4. **BioCap-P™** - A proprietary blend of 500 billion microbes per gallon designed to control algae growth in ponds and lakes. Eliminate odors and dirty waters.

**Item #BKBCP015GP:** 5-Gal Pail

## Shipping, Storage & Handling

- Shipped non-hazardous
- Keep containers closed when not in use
- Store in cool, covered areas
- Do not leave exposed to direct sunlight
- One year shelf life in an unopened container
- Wash hands thoroughly after handling product
- Refer to SDS prior to handling