



BioPlex T.L.



Biochemical Cleaner, Degreaser & Deodorant

Cleans nature's way ...

Billions of nonpathogenic bacteria generate natural enzymes that degrade and liquefy organic waste, fats, soap residue, grease and oil. The addition of lipase, protease and cellulase enzymes, coupled with the bacteria, generate a two phase attack on all forms of organic matter and speeds bacterial activity.

Safer for the user and the environment ...

Non-caustic, nonacid, noncorrosive. Harmless to pipes, fixtures and equipment. Beneficial to marine life and plants. Compatible with municipal sewage treatment or septic systems.

Eliminates foul odors ...

Neutralizes hydrogen sulfide odors associated with human and animal waste, garbage slime, spoilage and decomposition of organic matter. Penetrates porous surfaces to digest and eliminate odor sources.

Versatile applications ...

Although originally formulated for grease trap and drain line maintenance, BioPlex T.L. has demonstrated exceptional results as a cleaner degreaser and deodorant for waste chutes, trash compactors, garbage bins and collection equipment and municipal lift and transfer stations.



50 Billion Cleaners in Every Gallon



Bacteria are nature's clean up crew. Since the beginning of life on this planet, bacteria have recycled waste matter into nutrients and water. In recent years a new science, bioengineering, has made it possible to isolate and replicate bacteria for specific purposes. Now enzyme fortified, engineered bacteria are used for everything from cheese processing to oil spill remediation.

BioPlex T.L. is made with three strains of nonpathogenic, selectively adapted micro organisms, designed specifically to degrade grease, fats, soaps and oils at an accelerated rate. High performance wetting agents are incorporated to enhance bacterial activity by penetrating and dispending oil film, grease mat and organic waste accumulations.

Manufactured by:

Wayne Concept Manufacturing Co., Inc.

Fort Wayne, IN 46825 260-482-8615

Serving the maintenance community since 1933

Wayne[®] BioPlex T.L.

General Use Information: The success of a biochemical treatment program depends on the establishment and maintenance of bacterial colonies throughout the system. To achieve that end, BioPlex T.L. must be used as part of a regular, scheduled program. Application should be after business hours or at periods of lowest usage. Do not subject product to disinfectants, boiling water or chlorinated cleaners. Do not store in direct sunlight. Keep container closed when not in use. Flush drains with warm water 15 to 30 seconds before applications. Always follow application by flushing down with a pint of warm water.

Grease Traps: It is best to begin treatment soon after a grease trap has been cleaned. If that isn't practical, begin treatment with a shock dosage of 1 quart per 25 cubic feet capacity added directly to the trap. Repeat dosage 2 or 3 times a week until grease mat is dissolved. To maintain, add 10 to 20 ounces per day depending on grease load, traffic and capacity.

Central Drain Lines: If the building has a grease trap, begin treatment there. Otherwise, begin treatment at the lowest point in the drain system by adding 2 oz. of BioPlex T.L. per 2' diameter of drain line. Work up, one floor per day, until entire system has been treated. After all floors have been treated and the central drains are running free, add treatment 2 to 4 times a week to the top floor only.

Secondary Lines: Regular maintenance of wash basins, janitor closets, urinals, sinks and dishmachines will keep them trouble free and help maintain the bio film in central drains. Use 1-2 ounces in each drain, twice a week for best results. Increase dosage to correspond to increases in traffic or if drains give evidence of slowing.

Dumpsters, Compactors, Garbage Bins, Waste Chutes: To clean and deodorize mix 3-4 ounces of BioPlex T.L. per gallon of warm water. Spray over inside of container with a low pressure sprayer adjusted to deliver a coarse spray ... wet all exposed surfaces thoroughly. For deodorizing, leave surfaces wet. To degrease, flush with high pressure rinse. ***Note:** Stronger concentrations may be used for severe conditions.

Septic Tanks: Begin treatment by adding 1 gallon of BioPlex T.L. directly to the septic tank through the manhole. Maintain with a 8 oz. per week dosage flushed down a toilet.

Leach and Drain Fields: Congested drain fields can be unclogged simply by increasing dosage of BioPlex T.L. into septic tank manhole to 3-4 gallons per week. Repeat until septic tank has cleared and the ponding in the drain field has dissipated. Once opened, drain fields should remain functional if regular treatment of septic tank is maintained.

Lift Stations: To speed organic waste digestion and control sewer gas odors: Begin treatment by adding 2 gallons of BioPlex T.L. per 500 gallon capacity. Note the date of application. In the next week, add 1 gallon per 500 gallon capacity on a weekly schedule.

Waste Treatment Plants Trickling Filters: Begin treatment with an initial application of 5 gallons per million gallons of daily flow. For daily maintenance, use 1 gallon per million gallons of flow.

Pit Toilets: Dilute BioPlex T.L. with 10 parts cool water (12 oz. concentrate per gallon of water). Pour directly over waste matter.

Product Description

A white, turbid liquid with a pleasant fragrance. Chemically, a blend of three bio strains specifically designed to promote enzymatic activity for the production of protease, lipase, amylase and cellulose enzymes, in a stable suspension of biodegradable surfactants and odor masking agents.

Product Specifications

Specific gravity	1.01
Density	8.403
Bacteria count	50 billion/gal.
Effective pH range	5.9-9.0
Effective temperature range	45-100°F
Stability	minimum 1 year
Solubility in water	100%
Biodegradability	complete