



# WASTEWATER TABLETS

The Aerobic Solution to Wastewater Treatment

www.biotabs.net

## Product Description

Patented Cellinite BioTabs™ Wastewater Tablets are solid, sustained release tablets which provide active oxygen, nutrients, buffers and safe aerobic microorganisms to help clean, control odor, and keep wastewater systems running efficiently with reduced downtime. Cellinite Technologies, Inc. has developed this enhanced aerobic grease mitigation and digestion technology to address the challenges of lift/pump stations and wet wells operating under a variety of conditions. Cellinite BioTabs™ are designed to help clean the entire sewage holding tank within the lift/pump station; not just the grease and fat on the surface. Cellinite BioTabs™ built in effervescent action, releases "active oxygen" and effectively boosts the growth of grease busting bacteria and enzymes throughout the entire wastewater system. Cellinite BioTabs™ also successfully treat lift/pump station and wet well bottom sediment through their effervescent "active oxygen" action. Through the effervescent properties (oxygen) of our tablets we are able to increase plant efficiency by reducing the amount of Total Suspended Solids (TSS) and increasing the volume of wastewater capacity. During treatment of the Smithfield, NJ facility we reduced the amount of TSS in the water column by 84.81% and at the Ocean County, NJ Utility Authority we reduced their TSS by 95%.

Aerobic active oxygen action captures and neutralizes odor. Cellinite BioTabs™ effectively seed efficient non-pathogenic bacterial colonies throughout the wastewater unit including the grease caps. Cellinite BioTabs™ far outperform existing competitive products including enzyme based, surfactant based and/or odor masking based technologies. Cellinite BioTabs™ accomplishes this level of performance without the need for pumps, dispensers, or frequent product application. Cellinite BioTabs™ Wastewater tablets reduce component and pipe corrosion and damage due to the acidic by-products of anaerobic degradation (without oxygen).

Our residual sustained action components act as buffers to help neutralize acid in both the station and pipes. The added ability of our product to raise the pH in the station is important for the proper germination of many strains of beneficial odor and grease busting microorganisms. In addition to reducing back-ups, corrosion, and high maintenance costs, Cellinite BioTabs™ Wastewater tablets reduce the likelihood of odors reoccurring. Barrington, RI had very serious concerns about the highly corrosive aqueous and atmospheric levels of Hydrogen Sulfide (H2S) in their pipes and lift stations. With use of the Cellinite BioTabs™ Wastewater Tablets, Barrington's aqueous levels were reduced from 6.0 parts per million (6.0 mg/L) to 0.3 parts per million (0.3 mg/L), a 95% reduction. Properly used, Cellinite BioTabs™ provide a residual action in the pipes that mitigate anaerobic odor causing conditions from returning.

## Specifications

Form:	Solid Tablet
Color:	None
Contents:	Nutrients, Oxygen Generating Compounds, Buffers, Surfactants, and Bacterial Spores
Plate count:	1 Billion per gram. Blend of Bacillus Spores

## BENEFITS OF CELLINITE BIOTABS™:

- **Mitigates Odor Problems!**
- **Pretreatment** - Oxygenate and inoculate with aerobic microbes, and increase settling rates.
- **Primary** - Decrease Sludge Blanket
- **Secondary Clarification** - Increase the efficiency of flotation skimmers and segregation.
- **Reduction of Corrosive Gases**
- **Increase Plant Efficiency** - Potentially reduces operational costs and maintenance.

## APPLICATIONS:

- Treatment Plant
- Grease Traps
- Lift Stations
- Pump Stations
- Wet Wells
- Collection System Sewer Lines
- Tanks and Basins
- Lagoons

## Packaging

Each Cellinite BioTab™ is 3" by 1 3/4" and weighs 6 oz. (~170 Grams). Packaged approximately 50 tablets per pail, (18.75 lbs.) or approximately 100 tablets per pail, (37.5 lbs.).

For specific applications contact your Cellinite BioTabs™ representative.

## Directions for Use

Simply drop specified amount of Cellinite BioTabs™ into the basin or tank for efficient treatment. Dosage may vary due to tank size, flow rates, and temperature.

## Storage

DO NOT FREEZE! Store in cool dry location. Avoid excessive skin contact. SEE M.S.D.S.

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