

BIOPURAN

Technical Specification Sheet

Solid reduction for lagoons, wastewater treatment, grease traps, and composting

Active Ingredient:

Lipase, Amylase, Protease, Cellulase, Microbes, Minerals, and Vitamins.

Product Description:

BIOPURAN is a 100% soluble dry powder blend of enzymes, chemical absorbents, oxidants, nutrients, microbes, and growth promoters used to control odors in a variety of grease trap applications.

Suggested Applications:

BIOPURAN is widely used to control odors and reduce solids in a number of applications in grease traps in restaurants, meat processing plants, grocery stores, waste lagoons, WWTP, and compost activities. There are enzymes and microbes designed or selected to breakdown proteins, fats, oils, and greases (FOGs), feathers, nails, cellulose, another organics. **BIOPURAN** reduces solids and lowers BOD.

Packaging:

BIOPURAN is packaged in 1 lb (0.454 kg), 1 kg (2.2 lbs), 10 lbs (4.5 kg), and 50 lb (22.5 kg) packages. Custom packaging is available for an additional charge.

Product Concentration:

Protease - > 40,000 U/kg

Amylase - > 100 million mwu/kg

Lipase - > 10 million U/kg

Cellulase - > 600,000 U/kg

Rate of Application:

Depending on application, the product is applied at a rate of 1 pound depending on usage. Mix in lukewarm water and add to lagoon, spray on compost or drip into grease trap.

Microbial Standards:

Characteristic	Specification	Reference Method
Salmonella sp	Negative/375 gm	BAM CH6

Typical Properties:

Appearance: light tan powder with some white granules

Enzymes: Protease, Amylase, Lipase, Cellulase

Density @ 72 F: 57 lbs/cu.ft.

Stability: 36-48 months if stored in dry cool place, Do not freeze.

Handling: Avoid frequent inhalation, wash hands after use.

Features and Benefits:

- Absorbs odors until bacteria can digest organics
- Helps meet discharge parameters
- Stimulates natural attenuation

