

Advanced BioTech

Developer of MultiFIX® and BioWorld Products®

Product Specification Sheet

BioWorld® Wastewater & Odor Treatment

Treating wastewater with BioWorld® provides more benefits than any other method!

BioWorld® Wastewater & Odor Treatment uses a unique combination of bioenhancement compounds, mature strains of selected, naturally occurring microorganisms, and odor neutralizing formulations for the most complete treatment available to handle numerous waste and odor challenges. BioWorld® breaks down waste into environmentally safe compounds while significantly reducing or eliminating odors in the process.

BioWorld® utilizes the following technologies:

1. **Bioenhancement** — The Liquid Optimizer formulations are what elevate BioWorld into a class of its own. Our formulations of specialized nutrients and substrates maximize the ability of microbes to reproduce and thrive in a harsh wastewater setting.
2. **Bioaugmentation** — General Blend Microbes (dry) consist of various bacillus and other digestive strains for organic waste degradation.
3. **Odor Neutralizers** — natural odor neutralizing compounds that eliminate offensive odors at the source.

BioWorld® Wastewater & Odor Treatment is environmentally safe, non-hazardous, non-toxic, non-corrosive, nonflammable, and non-pathogenic.

Composition and Physical Properties

Liquid: Bioenhancement Compounds, Vitamins, Minerals, Amino Acids, Polysaccharides, Esters, Alcohols, Oils, Proteins, Natural Liquid Enzymes, Organic Surfactants, Odor Neutralizing Compounds.

pH: 5.5 – 6.5
Boiling Point: 212°F/100°C
Freezing Point: 32°F / 0°C
Solubility in Water: 100%
Specific Gravity: 1.0028
Appearance & Odor: Blue-Green; Floral Odor

Dry: Selected bacillus and other digestive strains, natural enzymes on a fiber carrier

Concentration: Maximum viable CFU/g - strain and type dependent
Form: Free Flowing Powder
Color: Light Brown
Odor: Yeast Like
Product pH: Neutral
Effective pH Range: 5-9
Optimum Temperature: 50 – 110°F



Store in a cool dry place and avoid freezing. Apply to wastewater containing grease, fats, manure, sludge, proteins, starches, sugars, BOD/TSS and other organic matter. Use at food processors, dairies, hog and poultry farms, slaughter houses, industrial facilities, municipal plants, hotels, restaurants, lift stations and grease traps.

#55014 1-gallon Liquid Optimizer Plus (10 lbs.)
#55064 6-gallon Liquid Optimizer Plus (56 lbs.)
#55250 250-gallon Liquid Optimizer Plus
Use Liquid Optimizer with Dry Microbes -

#35014 1-gallon Liquid Optimizer (10 lbs.)
#35064 6-gallon Liquid Optimizer (56 lbs.)
#35250 250-gallon Liquid Optimizer
#36086 ½ pound General Blend Microbes
#36055 2½ pound General Blend Microbes

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