



BIOWORLD
USA

BioWorld Wastewater Treatment Product Specification Sheet

Treating wastewater with BioWorld will provide more benefits than any other methods.

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

BioWorld uses the following technologies:

1. **Bioenhancement** - Liquid Optimizer and Optimizer Plus 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 degrading organic waste.
3. **Odor Neutralizers** - natural odor neutralizing compounds that eliminate offensive odors.

BioWorld Wastewater Treatment is environmentally safe, non-hazardous, non-toxic, non-corrosive, non-flammable, 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 Optimizer Plus (10 lbs)

#55064 6-gallon Optimizer Plus (56 lbs)

#55250 250-gallon Optimizer Plus

Use Liquid Optimizer or Optimizer Plus 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