



BIOWORLD USA

Product Specification Sheet BioWorld Wastewater & Odor Treatment

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

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, 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

#35014 1-gallon Liquid Optimizer (10 lbs)
#35064 6-gallon Liquid Optimizer (56 lbs)
#35250 250-gallon Liquid Optimizer

Use Liquid Optimizer with Dry Microbes -

#36086 ½ pound General Blend Microbes
#36055 2½ pound General Blend Microbes

