

# Advanced BioTech

Developer of MultiFIX® and BioWorld Products®

## BioWorld® Hydrocarbon Treatment Spec Sheet

BioWorld® Hydrocarbon Treatment (BHT) uses a unique combination of bioenhancement compounds and mature strains of selected, naturally occurring microorganisms to bioremediate petrochemical wastes. BHT is listed on the USEPA NCP Product Schedule and licensed by the State of CA Dept of Fish and Game for oil spill cleanups.

BioWorld® uses the following two technologies:

1. **Bioenhancement** - The special Bioremediation Enhancer formulation maximizes the ability of the microbes to reproduce and thrive in the contaminated soil or water situation.
2. **Bioaugmentation** - Hydrocarbon Digesting Microbes consist of various microbial strains and biochemical nutrients for refinery and petrochemical wastes.

BHT is environmentally safe, non-hazardous, non-toxic, non-corrosive, non-flammable, and non pathogenic.

### Bioremediation Enhancer

- #75014 - 1 gallon Bioremediation Enhancer
- #75064 - 6 gallons Bioremediation Enhancer
- #75250 - 250 gallons Bioremediation Enhancer

### Hydrocarbon Digesting Microbes

- #32086 - ½ lb Hydrocarbon Digesting Microbes
- #32055 - 2½ lb Hydrocarbon Digesting Microbes

### Project Combinations

- #82186 - Hydrocarbon Treatment Unit  
(1 gallon Enhancer & ½ lb Microbes)
- #82386 - Hydrocarbon Treatment (1 case of 3 units)
- #82196 - Hydrocarbon Treatment for 100 cubic yards  
(2 cases of 6 units)
- #82198 - Hydrocarbon Treatment for 500 cubic yards  
(2 x 6 gallon Enhancer & 12 x ½ lb Microbes)



### Composition and Physical Properties

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

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; Floral Scent

Dry: Selected strains, natural enzymes on a bran carrier

Concentration: Maximum viable CFU/g - strain and type dependent

Form: Free Flowing Powder

Color: Light Brown

Odor: Yeast Like

pH: Neutral

Effective pH Range: 5 – 9

Temperature Range: 33° – 110°F