

# Oppenheimer Biotechnology, Inc.

## Microbial Products Listing - Descriptions and Characteristics

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OBI manufactures a family of natural microbial products for various applications. All products contain The Oppenheimer Formula<sup>®</sup>, a proprietary mixture of highly effective hydrocarbon degrading microbes. These aerobic microbes can work in many different environments, under harsh conditions, and still thrive. Products are packaged into several powder mediums including a mineral matrix, food grade cornstarch, and food grade sugar. All of microbial products are manufactured in Austin, Texas.

### General Products Benefits

- Cost Effective • Works Rapidly • Environmentally Safe • Temp. Range of 32F - 120F • Non-Toxic
- Efficient • Activated by either salt or fresh water • Tolerant of pH levels between 5.5 - 10.0
- Certified Pathogen Free • Natural and safe for humans, animals, livestock and plants

Our products can use application methods that do not negatively impact the environment. They can be used in place to treat difficult areas such as under buildings, railroad tracks, without having to dig up or move.

### Soil and Water Products - Oppenheimer Formula I, Oppenheimer Formula - CL, Formula WS, and AquaZyme

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**Formula I** – for use on hydrocarbon contaminated soil and water.  
Our most concentrated microbe blend.

**Formula CL** – for use on chlorinated hydrocarbons (such as TCE) contaminated soil and water.  
High concentration of microbes.

**Formula WS** – water soluble version of Formula I.  
High concentration of microbes.

**AquaZyme** – for use on oil and fuel spills occurring on water surfaces. Fresh, salt, and or brackish water.  
Medium concentration of microbes.

### Crude or Refined Oil and/or Fuel Spills on hard surfaces including soil - BioZorb and Piranha

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**BioZorb** contains a highly efficient absorbent microbes. It treats oil and fuels spills in place when they occur.  
Medium concentration of microbes.

**Piranha** contains a mixture of microbes and nutrients. This product works extremely quickly on surfaces where oil or fuel has been spilled. It can be used in emergency and non-emergency situations. Not for use on water.  
Medium concentration of microbes and nutrients.

### Other Products

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#### Septic Systems and Tanks

**Mighty Mikey** keeps septic systems and tanks in peak operating condition. Eliminates offensive odors and helps to rapidly breakdown the waste materials. Reduces the frequency of pumping out the systems.  
High concentration of microbes.

#### Wastewater

**Formula V** is used in wastewater plants, pipes, drains and manholes to eliminate the accumulation of fats, oils, and grease. It also reduces or eliminates offensive odors and ammonia levels. Treatment plants can reduce the sludge.  
High concentration of microbes.

#### Grease-traps and Optimizers

**Formula IV** is a maintenance product that keeps grease-traps in peak operating condition. Reduces the number of times the trap is pumped. Removes grease and oil lining the inner pipe walls.

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**Custom Applications and Blends** If you are looking for a potential microbe solution, and our listed products are not suitable for you please contact us.

**Dealing with the Manufacturer** - At OBI we produce large quantities of highly concentrated products.