



**Oppenheimer**  
Biotechnology Inc.

# AquaZyme Product Datasheet

## Products Facts

- ✓ Concentrated gray powder
- ✓ Naturally occurring
- ✓ Archaeobacteria blend
- ✓ Organic and non toxic
- ✓ Five year+ shelf life
- ✓ Hydrophobic
- ✓ Aerobic/Facultative
- ✓ Certified pathogen FREE
- ✓ Activated by
  - fresh, salt or brackish water.
- ✓ Salinity tolerance
  - up to 24%
- ✓ Temperature range
  - 32F-120F
- ✓ pH tolerance
  - 5.5-10.0
- ✓ Not freeze dried or GMO

# AquaZyme<sup>®</sup>

## Works on

- ❖ Crude Oils
- ❖ Refined fuels like gasoline
- ❖ Marine fuels
- ❖ Diesel fuels
- ❖ Hydraulic Fluids
- ❖ Home Heating Oils
- ❖ Kerosene

## Product /Technical Support

As the manufacturer of this product we take pride in producing a quality product. We believe that our success is due to the importance that we place on making excellent products along with our technical support of these products.

**Phone 512.474.1016**



AquaZyme contains a special blend naturally occurring oil degrading microbes, which are blended into a dry absorbent powder.

The microbes have been selected for their large appetite to consume and convert fuels and oils, both biochemically and physically.

This combination works together to quickly eliminate and destroy hydrocarbon spills on water surfaces.

For use in harbors, marinas or in oil water separators. Can also be used to control sheen.

When AquaZyme is applied to a spill,

1. Once the product comes into contact with the spilled materials on the water surface it is immediately is activated.
2. The microbes are hydrophobic and so they will stay locked into the spilled material.

*In order to work this product needs to come into contact with the spilled material. This is a key point to remember in order to achieve successful results.*

*The newer the spill the faster the cleanup time.*

## Recommended Product Application Rate

1 lb of AquaZyme will treat 100 sq ft if applied dry or 200 sq ft if applied as wet in a slurry.

## Recommended Application Method

- **Dry as a sheen control:** Broadcast sprinkle enough AquaZyme onto the spill to completely cover the affected area. This locks the spilled material physically into the product. Once in contact with the spilled material the product will stay with the spill and continue to degrade the material.
- **Wet as a slurry:** Add 1 oz of product per one gallon of water and spray over the affected area. Repeat until the entire area is covered. The water used can be fresh, salt, or brackish water. The addition of water activates the product. Any waves or movement of the water will help the product to come into contact with the spilled material. The product will stay locked into the spilled material and continue to degrade and break it down.

