Oppenheimer
Biotechnology Inc.

Piranha Product Datasheet

Products Facts

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

Piranha

Works on

- ❖ Crude Oils
- ❖ Refined Fuels
- ❖ Refined Oils
- ❖ Hydraulic Fluids
- ❖ Home Heating Oils
- ❖ Wet / Dry Waste Drill Cuttings

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

Piranha contains a special blend of nutrients and naturally occurring oil degrading microbes, that are blended into a dry absorbent powder.

These 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. Allowing you to quickly treat spills in place, saving time and money.

When Piranha is applied to a spill,

1. It immediately contains and locks up the spilled material.
2. Adding water activates the microbes.
3. The nutrients turbo charge the microbes to quickly breakdown, degrade, and then convert spills into non toxic byproducts.

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 or fresher the spilled material the faster the cleanup time.

For example - if spilled material is deeper than 6 inches in the soil and you have applied Piranha on the surface, you will need to rotill or rake to blend everything together. The addition of a neutral pH based detergent can help to emulsify the oil, allowing the product to be able to break it down at a faster rate.

Recommended Product Application Rate

2 to 3 pounds of product per cubic yard or 27 cubic yards.

Recommended Application Method

- **Step One:** Broadcast or sprinkle enough Piranha onto the spill to completely cover the affected area. This locks the spilled material physically into the product. Let sit in place a few minutes.
- **Step Two:** Add water - approximately 10% of moisture. The addition of water activates the product. A light spraying with a garden hose works well. The moisture content does not have to be exactly at 10%. If it rains after application it's not a problem. The product will stay locked into the spilled material and continue to work.
- **Step Three**: Unless the spill is less than 6 inches deep, you will need to rotill or rake to mix the product and the spilled materials together. This is to ensure that the microbes come into contact with the material they are degrading.

Depending upon the starting level of total petroleum hydrocarbons you may need to reapply the product in a couple of weeks to achieve the best results.

Oppenheimer Biotechnology, Inc. Manufacturing 13803 Quitman Pass, Austin, TX, 78728 **Mailing** P.O. Box 5919, Austin, TX 78763
phone 512.474.1016 efax 512.681.0367 www.obio.com www.obiproducts.com