



Enviro-Zyme International, LLC

“BRT”

Benefits of “BRT”

- Deep Cleans Soil
- Enhances Natural Processes
- Eliminates Unsightly Areas
- Reduces Pollution Liability
- Lowers Disposal Costs

Product Description - Hydrocarbon Soil Remediation

“BRT” is specially formulated and packaged for use in remediating hydrocarbons and other organics in soil.

To assure optimal performance of these organisms, under the toughest conditions, they are produced and blended together with “high potency” nutrients and stimulants.

“BRT” contains organisms that will degrade a wide range of hydrocarbons including: gasoline, diesel, crude oil, benzene, toluene, ethyl benzene, and xylene.

There is not a standard protocol for bioremediation of contaminated soils; however, there are several guidelines which should be followed to obtain the optimum degradation rates of the organic contaminants.

Bioremediation of contaminated soils may take place in a lined treatment cell so that the runoff resulting from the degradation of the wastes can be collected.

Typically the soil is treated in lifts of 8 to 12 inches to allow maximum oxygen transfer through the soil for the microorganisms. This transfer is usually accomplished by tilling and it provides for the essential intimate contact needed between the bacterial cultures and the organic contaminants.

Soil pH, nutrient levels, oxygen availability, and moisture content are critical to the success of bioremediation. Of course, all of the requirements will vary depending on the soil, weather conditions (humidity, temperature, rainfall amounts), indigenous microbial population, contaminants involved, the concentration of those contaminants, and the amount of time allowed for cleaning up the site.

Direct Injection of the bacteria and nutrient solutions can be used for in situ treatment. This method is site specific and an experienced contractor should be consulted.

Clean-Up Local Oil Spills with B350/10



www.envirozyme.com

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"BRT"

**Petroleum Compounds,
Phenol, Polynuclear
Aromatics, Sulphides,
Alcohols and Similar
Solvents**



PACKAGING DESCRIPTION:

"BRT" is available in 25 and 50 pound containers.

SPECIFICATIONS:

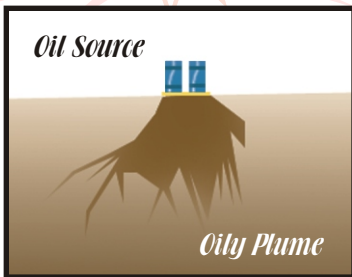
Form: Free-flowing granular powder
Color: Brown, may be dyed blue
Specific Gravity: 0.5-0.7
Nutrient Content: Biological nutrients and stimulants
Plate Count: 1 billion per gram

STORAGE:

DO NOT FREEZE! Store in cool dry location. Do not inhale dusts, avoid excessive skin contact. SEE M.S.D.S.

Case History

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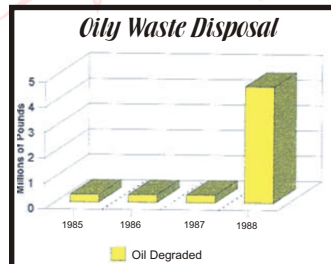
Oil Contaminated Soil

ENVIRO-ZYME product was cultured and propagated on site and the resulting batch solution was placed into a contaminate plume via a monitoring well. Routine PID readings for degradation components were monitored and recorded. Bioremediation began on January 23, 1991 and nondetect readings were obtained on March 20, 1991.

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Case History

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Oily Waste Disposal

The data shows that the total pounds of oil on the land farm has gradually increased from October 1983 through to March 1988. ENVIRO-ZYME products were added one month later, April 1988. The graph shows that despite adverse conditions, including a dry and hot summer, the land farm degraded almost ten times the oil it had in previous years using ENVIRO-ZYME products.

Your Local Distributor is:

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