



Bio. Intelligence. Remediation. Dynamics. B.I.R.D.

A Breakthru-Technologies Company

EcoFast and EcoSmart EnviroEngineering

Advanced Proven Microbial clean up solutions for Oceans, Lakes, Rivers, and Land Repair

B.I.R.D. is an environmental consulting company that provides customized Bio Remediation services to facilitate clean up of oil spills onto land and water. Its partners have acted in this capacity for over 30 years, with a solid track record of achievements in USA. In 2010, BP selected our products as the number ONE remedy for the recent 2010 Gulf of Mexico oil spill disaster.

We are a world leader in field implementation of bioremediation, an attractive alternative to conventional methods of cleaning up persistent hazardous wastes in the environment, at a fraction of the cost.

What we Do

B.I.R.D. assembles, integrates, analyzes and quickly acts on environmental disasters and combines sophisticated, concise and proven microbiology remediation

Solutions:

B.I.R.D. Microbes are a superior blend of naturally occurring, non-hazardous, nonpathogenic microbes and microbe "enhancers" that are utilized to break down a wide assortment of organic materials. These materials include a wide array of petroleum hydrocarbons, chlorinated compounds, and animal and vegetable wastes (fats, oils, and grease).

Unique Features

- Converts hydrocarbon spills into soil and plant nutrients, and non-toxic beneficial by-products like carbon dioxide and water
- 100% naturally occurring microbes - never genetically altered
- Non-Pathogenic & Non-Toxic
- Contains a wide array microbes - specifically selected to quickly convert a wide range of hydrocarbons
- Easily activated by either salt water or fresh water.
- Fast Acting! 3rd party lab test show a 98% reduction in diesel TPH in as little as 24 hours
- Easily Applied - we will work with you to determine the best application method
- Beneficial to the environment; once the microbes have finished digesting the targeted chemicals, they will either die, return to former natural concentration levels, or be safely eaten by other organisms
- Convenient, easily accessed product for hassle-free response & ships dry to reduce transit costs
- Eliminates disposal fees which can be \$1000.00+ per drum
- Reduces volatility of high-vapor liquid hydrocarbons
- Immediately usable - no mixing or waiting for product to activate.
- Five year shelf life
- Microbes are never freeze-dried (the freeze-drying process generally kills 50% of the microbes)
- Listed with the EPA on the National Contingency Plan Product Schedule (NCPSP).
- Neither humans nor wildlife are adversely affected by the use of our products. Intensive testing has shown no toxic side effects. In fact, by-products produced by these microbes are used as an energy source by other organisms

Vision Statement

We work with a holistic approach to remedy the 'whole' situation, meaning we work with all of the 'parts' of the problem, to bring a quick, low cost effective solution to the worlds problems with oil and other toxic substances that can unbalance the planets fragile ecology. Our work is to recreate the environment where any BIRD can return, nest, feed and bring up its off springs, a symbol for all life forms including humans being able to co habitat again in any location damaged by any form of environmental accident.

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