

**Dry Powder**  
**Remediact**  
**ENHANCED MICROBIAL COMPOUND**  
**SOIL REMEDIATION FORMULA**

**PRODUCT  
 INFORMATION  
 BULLETIN**

**EnviroLogic**  
 BIO-BASED TECHNOLOGIES Inc.

**Product Overview**

**Remediact™** is a innovative concept in the remediation of soil saturated with hydrocarbon contaminants. It is designed to allow industry to clean-up & restore soil to its pre-contaminated condition. **Remediact™** is a natural absorbent that has been specially treated with hydrocarbon digesting microbes. These microbes have the ability to turn most hydrocarbons (see below) into carbon dioxide (CO<sub>2</sub>) and water. When used according to the directions **Remediact™** safely and effectively solves your contamination problems with very little labor and equipment expense, thereby making this product an essential part of your pollution control efforts.

**How To Use This Product**

The following are general directions for the use of **Remediact™**. Each situation & site may vary as to contamination levels and terrain but the directions below should "cover" most situations.

1. Use 2 lbs. of **Remediact™** per cubic yard of contaminated soil.
2. Till **Remediact™** with either a rototiller or suitable equipment in order to insure a homogeneous blending of this product with the soil & maximum contact of the **Remediact™** with the hydrocarbons.
3. Moist soil (water wet) will help to distribute the **Remediact™**.
4. After tilling is complete, wet the area thoroughly with a solution of the enclosed blue "micronutrient crystals". There are four (4) nutrient packets enclosed. Mix each packet with 150 gallons (3-55 gallon drums) of water. This mixture is not critical but it will give you the most effective result when treating 15 cubic yards.
5. Try to maintain a moisture level of about 30% to 40%. This moisture level is reached when the soil has the consistency of "soft mud".
6. If possible, wait approximately 3-4 weeks and re-till the soil and add water to provide the moisture levels as above.

**Where To Use This Product**

The following is a partial list of the hydrocarbons that **Remediact™** can remediate. Please contact **EnviroLogic™** if you have any questions about its usage:

- DIESEL FUEL
- HEATING OIL
- GASOLINE
- BENZENE
- PARAFFIN
- LUBRICATING OIL
- PAINT THINNERS
- MINERAL SPIRITS
- MOTOR OIL
- AROMATICS
- ETHYLBENZENE
- JET FUEL
- CUTTING OILS
- GLYCOLS
- ALCOHOL
- NAPHTHALENE
- CRUDE OIL
- TOLUENE
- KEROSENE
- SOLVENTS
- ANTI-FREEZE
- ORGANIC PESTICIDES
- ORGANIC HERBICIDES
- TRANSMISSION FLUID
- XYLENE
- ORGANIC SOLVENTS
- GREASE
- TARS

**Technical Information**

**Remediact™** is an active mixture of hydrocarbon-oxidizing, naturally occurring, single-celled micro-organisms with a natural, bio-remedial absorbent. **It is specially formulated to be safe, environmentally enhancing and effective.**

PHYSICAL PROPERTIES:	
<b>Remediact™</b>	
Appearance:	Grey Powder
Odor:	None
Soluble in Water:	Insoluble
pH	6.9 to 7.2
<b>Micronutrient:</b>	
Appearance:	Blue Crystals
Odor:	Ammonia
Soluble in Water:	Complete
pH	6.9 to 7.2
Boiling Point:	212°
F. Evaporation Rate:	Same as Water

**PRODUCT EFFECTIVENESS:** The effectiveness of this product and the "speed" at which it works is determined by certain factors. In general these factors are as follows:

**TEMPERATURE:** The warmer the temperature, the faster this product will work. The effective operating temperature is between 50° F. & 90° F.

**AERATION & PRESSURE:** Aeration (air hose or "bubbler") & pressure speeds the process.

**TYPE OF HYDROCARBON:** Some hydrocarbons take longer than others.

**The bio-remedial process generally will begin immediately but may take longer to complete depending on the above factors.**

**Packaging Information**

ONLY AVAILABLE IN  
**35Lb. PLASTIC PAILS**  
 30 Lbs. **Remediact** + 5 Lbs. **Micro-Nutrients**



ASK US ABOUT

**Liquid Remediact**  
**HC-200 Kit & HC-300 Kit**