



**SpillAway+™ Brands**  
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# Remediate™

**ENHANCED MICROBIAL COMPOUND  
 SOIL  
 REMEDIATION FORMULA**

## PRODUCT OVERVIEW

**Remediate™** 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. **Remediate™** 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 **Remediate™** 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 **Remediate™**. Each situation & site may vary as to contamination levels and terrain but the directions below should "cover" most situations
1. Use 2 lbs. of **Remediate™** per cubic yard of contaminated soil.
  2. Till **Remediate™** with either a rototiller or suitable equipment in order to insure a homogeneous blending of this product with the soil & maximum contact of the **Remediate™** with the hydrocarbons.
  3. Moist soil (water wet) will help to distribute the **Remediate™**.
  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.
  5. Try to maintain a moisture level of about 30% to 40%. This moisture level is generally 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.

FOR OPTIMUM EFFECTIVENESS, TRY TO APPLY THIS PRODUCT WHEN THE AMBIENT TEMPERATURE IS BETWEEN 50 AND 90° F.

## APPLICATION

The following is a partial list of the hydrocarbons that **Remediate™** can remediate. Please contact **SpillAway+ Brands™**, 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

PHYSICAL PROPERTIES:	<b>Remediate™</b>
Appearance:	Grey Powder
Odor:	None
Soluble in Water:	Insoluble
pH	6.9 to 7.2
PHYSICAL PROPERTIES:	<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

**Remediate™** 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.**

**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

**35 Lb. PLASTIC PAILS (30 Lbs. Remediate™ + 5 Lbs. Micro-Nutrients)**  
 SHIPPING: 36 UNITS PER SKID BULK PACKAGING AVAILABLE