

## Hydrocarbon Bioremove

### Introduction

Hydrocarbon Bioremove is a unique blend of different bacteria strains used to effectively degrade both aromatic and aliphatic hydrocarbons. Hydrocarbon Bioremove reinforces or augments the natural biological process.

It uses a bioremediation approach to aid in the degradation of the various pollutants found in the water supply by becoming the dominant force within water and soil systems.



### Targeted compound:

Dinitrotoluene  
Naphthalene  
Kerosene

Crude Oils  
Hydrocarbons  
Petrol

Diesel Fuel  
Nitro phenols  
Halomethanes

Heptachlor Phenols  
Benzene  
Toluene

### Composition

Bacillus, Pseudomonas, Saccharomyces, Micrococcus and microbial carrier

Light tan powder, Weak odor; Bacteria count:  $5 \times 10^9$  CFU/g;

### Application

- Petroleum Refinery wastewater;
- Chemical industrial wastewater
- Oily wastewater;
- Oil spill remediation;

## Benefit

- ✓ Bio augmentation to enhances BOD/COD removal;
- ✓ Discharge compliance is maintained;
- ✓ Quick start up and establishes active culture for degradation of common hydrocarbons.
- ✓ Decreases half-life of total petroleum hydrocarbon;
- ✓ Can handle toxic loading, high loading, over loading;
- ✓ Bio remediation for polluted water, soil, ground caused by oil spill
- ✓ 100% natural, non-toxic and free of harmful chemicals

## Dosage & Method

Dosing is vary to specific project information, pls consult with your account manage.

Dissolve with water at 1: 20 ratios; keep settling 2 hrs for activation before dosing

## Condition

D.O  $\geq$  2 mg/L, Water temp: 15~45°C, pH: 6 ~ 9, Salinity <30000 mg/L

Do not mix use with bleach, caustics, disinfectants or other chemicals

## Packing and shelf life

2 year shelf life, 1 kg per foil bag, 10 kg per carton, 15 kg per drum.

## Storage

Store in cool, dry location, keep out of direct sunshine and moisture. Once opened, should be use it within 30 days to prevent activation. Keep out of reach of children.