

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: 5×10^9 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.