

BIOLOGIK

NATURALLY SUSTAINABLE

ADVANCED BIOLOGICAL LIQUID FORMULATIONS

HYDROCARBON POWDER

A unique bacterial blend specially formulated to effectively degrade both aromatic and aliphatic petroleum hydrocarbons



BIOLOGIK HYDROCARBON POWDER

Overview

BIOLOGIK Hydrocarbon Powder is a unique blend of different bacteria strains formulated to effectively degrade both aromatic and aliphatic petroleum hydrocarbons. The bacillus consortium plus the addition of pseudomonas has been blended effectively to concentrate on the degradation of petroleum hydrocarbons in soil applications and bioremediations.

Applications

- Wastewater Treatment plants
- Water & Soil Bioremediation
- Workshops – Household, Automotive, Industrial
- Vehicle, Trucks, Busses & Trailers
- Industrial Equipment
- Wash bays & other runoff areas

Advantages of BIOLOGIK Hydrocarbon Powder

Optimized proprietary bacterial consortium degrades a broader spectrum of substrates

Wide range of carriers available, included our special formulations

Greatly reduces labor time

Effectively degrades petrochemicals and petroleum hydrocarbon

Enhances BOD/COD reduces

Hydrogen sulfide increases

System efficiency eliminates

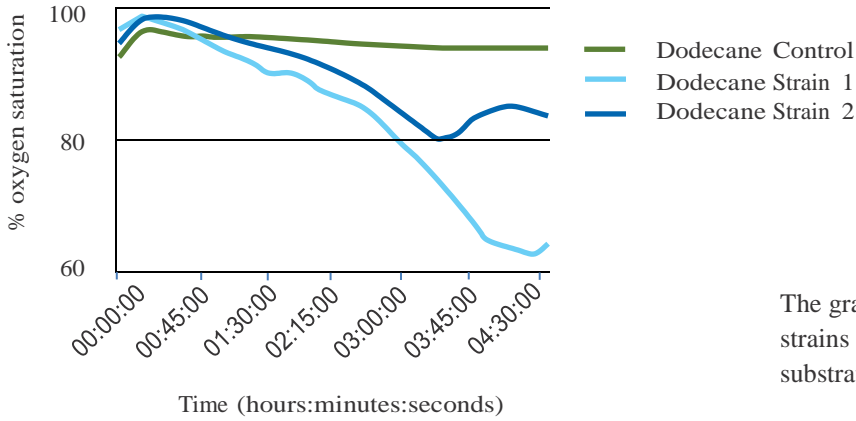
Malodors at source

Manufactured under strict quality control standards to ensure high quality and purity

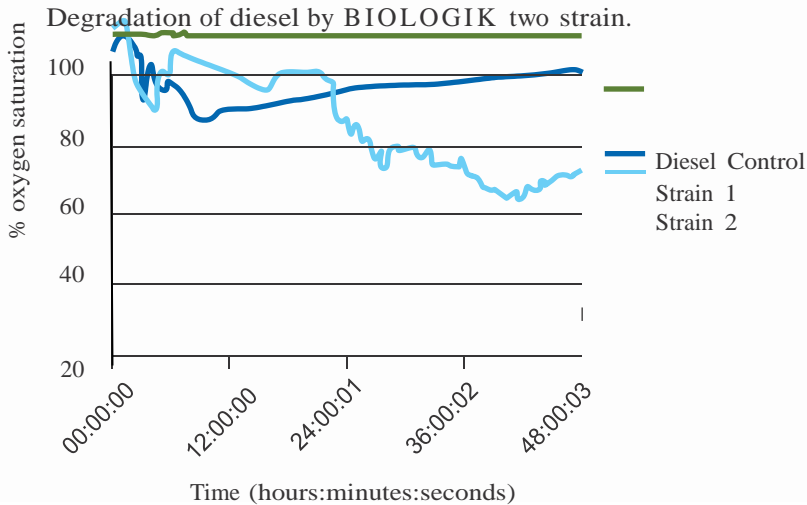


Product Testing

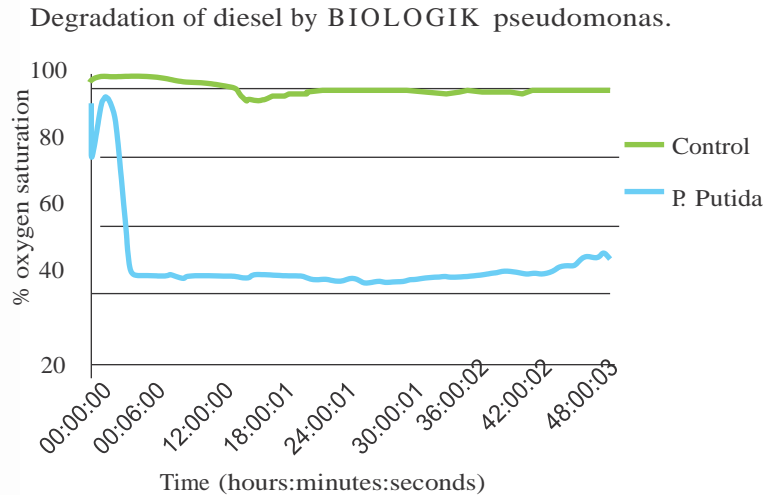
Degradation of dodecane by two strains in BIOLOGIK HYDROCARBON POWDER



The graph opposite shows the degradation of dodecane by two strains in BIOLOGIK HYDROCARBON POWDER. As the substrate is degraded the % oxygen saturation decreases.



The graph above shows the degradation of diesel by two strains in BIOLOGIK HYDROCARBON POWDER. As the substrate is degraded the % oxygen saturation decreases.



The graph above shows degradation of diesel by *Pseudomonas putida* in BIOLOGIK HYDROCARBON POWDER. As the substrate is degraded the % oxygen saturation decreases.

Technical specifications:

Targeted compounds	benzene, toluene, xylene, ethyl benzene, crude oil, diesel, phenols and dodecane	
Bacterial type	bacillus spore blend + non-pathogenic pseudomonas	
Formula properties	tan, free flowing powder with earthy odor wheat bran/sodium sulfate carrier	
Performance properties	effective pH range: 4.0-11.0	temperature range: 45-120°F (5-50°C)
Packaging	100g, 1kg, 5kg containers Products may be blended in different carriers but order size minimums may apply - check with your sales representative for specific availability. (shelf life of 24 months in an original unopened container).	

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