

EnviroDEFENSE® Hydrocarbon Remover

EnviroDEFENSE® Hydrocarbon Remover is a unique blend of multiple bacteria strains specifically formulated to effectively degrade both aromatic and aliphatic petroleum hydrocarbons.

The Bacillus consortium plus the addition of Pseudomonas has been done to effectively concentrate on the degradation of petroleum hydrocarbons in soil applications and bioremediations.



MARKET APPLICATIONS:

Soil Remediation
Water Remediation
Wastewater Treatment Plants

PHYSICAL CHARACTERISTICS & ACTIVITY RANGE

EnviroDEFENSE® Hydrocarbon Remover is a free flowing powder containing multiple proprietary strains of Bacillus and Pseudomonas. Hydrocarbon is active at a pH range of 5-10 and a temperature range 45°F-100°F. This product is a 4 billion cfu/g.

USAGE

Routine Application:

COD (Chemical O2 Demand)	Pounds (kg) per Day
0 – 500	1.5lb (0.68kg)
501 – 1,000	2.0lb (0.91kg)
1,001 – 2,000	3.0lb (1.36kg)

**Rates Based on Every 500,000 Gallons of Flow Per Day*

Start Up Application:

COD (Chemical O2 Demand)	Pounds (kg) per Day
0 – 500	3.0lb (1.36kg)
501 – 1,000	4.0lb (1.82kg)
1,001 – 2,000	6.0lb (2.72kg)

**Rates Based on Every 500,000 Gallons of Flow Per Day. Use Start Up Application for First 30 Days Then Use Routine Application.*

Soil Application (Well Sites): Mix 5 lbs. (2.27 kg) of EnviroDEFENSE® Hydrocarbon Remover to 55 gallons (208.2 L) of water and spray over surface, then till soil vigorously.

Hard Surface Application: Mix 8 oz. (227g) of EnviroDEFENSE® Hydrocarbon Remover to 1 gallon (3.78 L) of water. Heavily mop over surface and let water stand. Several moppings may be needed.



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PACKAGE SIZE

Item Number: ED 0207.1

- Bulk Powder
- Water Soluble Packs

STORAGE

EnviroDEFENSE® Hydrocarbon Remover should not be stored in direct sunlight or in temperatures in excess of 100°F. Avoid storage in areas with strong oxidizers or poor ventilation.

Please refer to the Safety Data Sheet (SDS) for proper handling procedures.

SHELF LIFE

The EnviroDEFENSE® Hydrocarbon Remover products are stable for a minimum of 24 months

SAFETY & HANDLING

In case of contact with the skin or eyes, promptly rinse with water for 15 minutes. The product is generally considered safe but is not designed to be directly ingested.

For detailed handling information, please refer to the appropriate Safety Data Sheet.

TECHNICAL SERVICE

The technical service team at EnviroDEFENSE can provide custom solutions and recommendations.