

EnviroDEFENSE® FOG Degradar

EnviroDEFENSE® FOG Degradar is a powdered product for use in wastewater systems and grease traps.

The bacterial consortium present in this product produces lipase enzymes which target large oil and grease molecules, breaking them down into smaller molecules that are then metabolized by the bacteria to quickly degrade the fat and reduce the risk of blockages. As the lipase enzymes get to work free fatty acids are released, which reduces the pH, creating a harsh environment for bacteria. The strains in EnviroDEFENSE® FOG Degradar are specially selected to work effectively in lower pH ranges found in grease traps and grease interceptors.

They have been shown to break down a wide range of materials found in grease traps and grease interceptors, including vegetable, soy, canola and olive oil, solid fats such as lard, beef tallow and butter, and starch, proteins and cellulose. Grease build ups are often the cause of slow drain and sewage back-ups as well as creating drain odors and even pest problems. EnviroDEFENSE® FOG Degradar is developed for grease traps, associated drain lines and fat problems in water treatment plants.



MARKET APPLICATIONS:

Wastewater
Grease Traps

PHYSICAL CHARACTERISTICS & ACTIVITY RANGE

EnviroDEFENSE® FOG Degradar is a free flowing powder containing multiple proprietary strains of bacillus and free enzymes. This product 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.



EnviroDEFENSE® FOG DEGRADER

PACKAGE SIZE

Item Number: ED 0202.1

- Bulk Powder
- Water Soluble Packs

STORAGE

EnviroDEFENSE® FOG Degradar 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® FOG Degradar 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.