

TECHNICAL BULLETIN

DESCRIPTION

BIOREM™ functions as a substrate for microbial activity, maximizing the metabolic rate of hydrocarbon (HC) and complex carbon eating bacteria. Its substrate activity induces the formation of reductase enzymes, increasing the reaction rate at which complex organic molecules are disassembled into nontoxic elements.

BIOREM™ also contains organic derivatives which modify and re-branch petroleum (HC) molecules making them more readily consumable via microbial activity. The addition of BIOREM™ allows for more complete breakdown of unwanted hydrocarbons and sludge.

BENEFITS

- Stimulates the growth and proliferation of aerobic and facultative microorganisms.
- Induces enzyme formation to facilitate rapid breakdown of unwanted organic contaminants.
- Accelerates the digestion of hydrocarbons and sludge.
- Raises dissolved oxygen levels to improve bio-oxidation rates.

APPLICATION

SHAKE WELL BEFORE USE.

HYDROCARBON CONTAMINATED SOIL: Apply 0.5- 2 ounces (12 PPM) per cubic yard of soil diluted in at least 1 gallon of water. Spray on and till contaminated area to ensure thorough mixing. Repeat treatment every 2-3 weeks until desired results are obtained. Soil should be kept slightly moist, but not wet.

HYDROCARBON CONTAMINATED WATER: Spray or inject at a rate of 5-10 parts per million of water. BIOREM™ should be applied downstream from any chemical treatments or neutralization of waste water or sludge.

PHYSICAL CHARACTERISTICS

Appearance: Brown liquid
Odor: Mild ammonia, sweet humus
Weight: 8.9 lbs./gal.
pH: 7.5-8.5
Enzymatic activity may affect pH during storage.

CHEMICAL CHARACTERISTICS

Contains a pro-biological solution of poly-β-hydroxybuteric acids, carboxylic and dicarboxylic acids, enzymes, amino acids and biostimulants.

AVAILABILITY

United States of America

- 5-gallon (18.93 L) pail
- 55-gallon (208.2 L) drum
- 275-gallon (1040.99 L) tote

Other Countries

- 20-Liter (5.28 gal) pail
- 208-Liter (54.95 gal) drum
- 1040-Liter (274.74 gal) tote

STORAGE AND DISPOSAL

Store at 50°-95°F / 10°-35°C. Do not store in direct sunlight. Keep product in the original container and store in cool, dry area. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state and federal regulations.

WARNING



KEEP OUT OF REACH OF CHILDREN. MAY BE HARMFUL IF SWALLOWED.

SDS available upon request.

CONDITION OF SALE

The information herein is believed to be accurate and reliable. Buyer and user assume all liability from use of this material. Follow directions carefully. Timing, method of application, weather, plant, crop or turf conditions and other factors are beyond the control of the seller.



Innovation That Grows™