

8608-055

BioRem-2000 Water Treatment Oil Digestant

Water Treatment Solutions

Description

- A powerful blend of 12 strains of microbes and natural botanical blends designed to digest hydrocarbons in waste water applications.
- Reduces BOD, COD and TSS levels in waste water operations up to 90%.
- Effluent quality is improved, reducing discharge pollutants.
- Resistant to many chemical shocks and decreases recovery time.
- Reduces sludge and odors.
- Changes the surface of particles from hydrophobic to hydrophilic.
- Converts hydrocarbons into carbon dioxide, water and biomass.
- Eliminates oil deposits and prevents formation in holding tanks, sewers and aeration basins.

Technology Profile

Number of Different Microbial Strains	12
Microbial Count	50 Billion/gram
Microbial Characteristic	All GRAS Listed
Number of Enzyme Species	7
Enzyme Activity	6,000 u/mg.
pH Activity Range	5-11 pH
Appearance	Amber Liquid
Bioluminescence Test	Positive for Living Cells
Salmonella	Negative
Listeria	Negative
Phosphorous	Non-Detect

Technical Information

Usage	Dilution Ratio	RTU
Physical Properties	Appearance	Liquid
	Color	Amber
	Fragrance	None
	pH	7
	Shelf Life	Minimum 1 Year
Packaging	8608-055	55 gal.

Advantages

The unique characteristic of our microbial blend is its ability to adapt to the changing distribution of hydrocarbon by-products and produce more enzymes needed to digest a particular type of chemical. The food grade botanical extracts increase the attack ratio for the microbes and enzymes. This blend is one of only a few that can withstand phenol and phenolic toxins.

By exchanging anaerobic respiration from capturing oxygen off of sulfur-based compounds to taking oxygen from specially blended nutrients which do not emit sulfur-based gases. The hydrogen sulfide is produced by the anaerobic microbes which emits the odor as a by-product of the sulfur-based respiration. By exchanging the respiration to another method, it eliminates the source of the odor but continues to digest waste in lift station and treatment plants.

Application

There is no set formula that will be effective in every system. All is dependent on the type of environment, the biological and chemical make up of the system. Please consult with distributor and/or manufacture for the correct dosage for your system.

