

# BioRem-2000

8807-055

## BioRem-2000 Lagoon Treatment™

### Description

- An all-natural botanical, microbe and enzyme product formulated to reduce odors and sludge in waste lagoons.
- Sludge can be reduced by as much as 50% depending on lagoon set-up in either aerobic and anaerobic conditions.
- Effectively digests hydrogen sulfide, mercaptans and ammonia.
- Significantly reduces ammonia and phosphorous levels and improves water run-off quality.
- Improves Total Suspended Solids ("TSS) levels in decanted water.
- Fecal and other organic materials are easily digested and transformed into carbon dioxide, water and biomass.
- Dissolves scum build-up around filters and pumps.
- Controls algae formation in settling ponds.
- Bio-based, all-natural and biodegradable.

### 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	8807-055	55 gal.



### Advantages

BioRem-2000 Lagoon Treatment is an excellent, all-natural digestive enhancement product derived from botanical ingredients.

It reduces the odor emitting from waste lagoons by digesting the hydrogen sulfide, mercaptans and ammonia. The by-products are carbon dioxide, sodium sulfate and nitrogen gas.

Additionally, it digests ammonia and phosphorous to lower levels as well as improves water run-off quality.

The fecal and other organic materials are easily digested and transformed into non-leachable biomass, carbon dioxide and water.

The enzymes are very efficient at dissolving scum build-up around filters and pumps.

The digestion will also help lower the TSS in the decanted water.

Due to the efficient removal of nitrogen and phosphorous, it controls algae formation in settling ponds.

### Application

Application is dependent on size of lagoon and the levels of phosphorous and nitrogen present. Application will range from 10 to 30 ppm. An initial shock treatment is required. Please contact your sales representative for further information.

