

# UNITED LABORATORIES TECHNICAL DATA SHEET

## UNITED 890 SLUDGE SHARKS Lagoon and Pond Treatment Featuring Inter-Core Technology®

### DESCRIPTION

**UNITED 890 SLUDGE SHARKS Lagoon and Pond Treatment Featuring Inter-Core Technology®** are a blend of bacteria with a 10 billion CFU per gram count. These bacteria consist of Gram Positive and Gram Negative strains selected for their ability to reduce the VOC's (volatile organic compounds) found in sludge at the bottom of lagoons and treatment ponds. **UNITED 890** is unique in that it releases a superior bacteria either onto or directly into the sludge. It also has a time release feature, releasing the bacteria 24/7 over 4-10 weeks. Each shark can treat up to 1500 square feet.

Inter-Core Technology® allows the **SLUDGE SHARKS** to deliver 10 billion CFU/gram of concentrated bacteria in two stages. First, the inner core of the **SLUDGE SHARKS** is filled with a granular blend of bacteria selected for its rapid initial growth and biodegradation capability. The bacteria is held in place by water soluble plugs that rapidly dissolve, releasing the granular bacterial portion quickly. Secondly, the outer shell of the block also contains 10 billion CFU/gram of specially blended bacteria that dissolves slowly releasing bacteria over time.

**UNITED 890 SLUDGE SHARKS** are blocks that can be easily thrown into those areas where sludge has built up or throughout the entire lagoon as needed.

### FEATURES AND BENEFITS

- Features Inter-Core Technology®.
- Delays need to dredge from 5 to 10 years.
- Reduce cost of dredging 20 to 30 percent.
- Reduces sludge layer 30 to 60 percent in 60-90 days.
- Recaptures treatment capacity.
- Reduces turn over issues.
- Treats up to 1500 sq. ft. per shark.
- Easy-to-use.
- Earth Smart® certified.
- Contains no hazardous material.
- Meets EPA Protocols 1664 and 1664A.
- No special equipment is needed for application.

### SPECIFICATIONS

Appearance	Lime green solid block
Flash Point and Flame Extension	None
Specific Gravity (water=1)	0.990 (H <sub>2</sub> O=1)
pH	7-8
VOC	None
Evaporation	1 (Water=1)
Solubility in Water	Soluble
Wetting Ability	Yes
Cold Stability	Do not freeze
NPE, Phosphates, Butyl, Heavy Metals, Chlorine, Pthalates	None
Shelf Life	1 year

### SUGGESTED USES

**UNITED 890 SLUDGE SHARKS** will reduce the sludge levels in lagoon systems delaying the need to dredge. This reduces the cost of dredging and reclaims treatment capacity.

### DIRECTIONS

**UNITED 890 SLUDGE SHARKS** are solid blocks designed to be easily thrown into a lagoon system by hand into the areas where a sludge build up has occurred. The blocks should be spread out with 1 placed in each 1500 square foot area to be treated. Apply once every 3 months or as needed.

### HMIS® III CODE

0=MINIMAL	HEALTH	0
1=SLIGHT	FLAMMABILITY	0
2=MODERATE	PHYSICAL HAZARD	0
3=SERIOUS	PERSONAL PROTECTION	B
4=SEVERE		

**PERSONAL PROTECTION INDEX:** Glasses and Gloves

