



# BIO-DREDGE®

Enhancing Nature's Science

## Product Characteristics

**Derived From:**

Ammonium Nitrate, Urea, Cobalt Sulfate.

**Physical Properties:**

Form: Liquid

Appearance: Clear to hazy brownish-purple, having a slight characteristic odor.

Weight: 10.43 lb/gal, 1.25 kg/L

pH: 5.0–6.0

**Caution:**

**Keep out of reach of children.**

**Harmful if swallowed. The liquid and mists may be irritating to the eyes and skin.**

**Storage and Disposal:**

Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations. Do not store this product below 50°F (10°C) or above 90°F (30°C).

**Conditions of Sale:**

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, water conditions, and other factors are beyond the control of the seller.

## The Professional Solution for Aqua Culture

Probiotic Solutions® BIO-DREDGE® complexed with Micro Carbon Technology® (MCT) is a probiotic formulation of organic acids, natural biological systems, buffers, nutrients, and energy systems that enhance biological degradation. BIO-DREDGE® oxidizes pond/tank accumulated sludge into carbon dioxide through an innovative "wet burn" process. BIO-DREDGE® helps balance the microbial ecosystem of the indigenous microbes, causing biodegradation of the carbonaceous materials to harmless gases.

**Benefits of Use:**

- Stop expensive dredging by naturally reducing sludge and any additional loading on a continual basis.
- Improve water quality with lower BOD/COD levels.
- Eliminate pond down-time because ponds/tanks remain on-line—no need to drain, dry, or dredge.
- Decrease aeration costs by naturally improving dissolved oxygen levels.
- Increase lagoon capacity by accelerating bio-oxidation of sludge accumulation.
- Control offensive odors.

**Application Instructions:**

SHAKE WELL BEFORE USING. Best results will be obtained when product is evenly distributed across the water surface. BIO-DREDGE® may be applied directly into the influent water entering the pond/tank or via spray application across the surface, diluted 10-parts water to 1-part product for uniform coverage. Contact your local Probiotic Solutions® representative for specific directions and product use recommendations.

| METHOD OF APPLICATION | SUGGESTED RATE for Lagoons/Ponds |
|-----------------------|----------------------------------|
| Initial Application   | Up to 10 ppm                     |
| Maintenance Dosage    | Up to 4 ppm                      |



*\*This Product Contains Micro Carbon Technology®, a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by microorganisms.*

