



# MICROPLEX<sup>®</sup> AQL.....

Enhancing  
Nature's Science

## Product Characteristics

### Derived From:

Specialized, preselected, adapted aerobic and facultative microorganisms.

### Physical Properties:

**Appearance:** Light Beige.

**Form:** Powder

**Nominal Microbe Count:** Formulated to contain > 3 x 10<sup>9</sup>/gram

**Packaging:** 25 lb (11.3 kg) plastic drums, 220 lb (100 kg) fiber drums, 1 lb (0.45 kg) packages

### Caution:

Avoid inhalation of dry powder or liquid mist. Avoid exposing skin to dry powder or strong solution as irritation may result. If material contacts skin or eyes, flush thoroughly and repeatedly with water.

### Storage and Disposal:

Keep product in original container. Store in dry area at 45°F to 105°F (7°C to 40°C). **Do Not Freeze.** Do not transfer into food or drink containers. Wash with soap and triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations.

### Shelf Life:

2 years when properly stored.

### 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, and other factors are beyond the control of the seller.

## The Solution for Improved Lakes, Ponds, and Lagoons

PROBIOTIC SOLUTIONS<sup>®</sup> MICROPLEX<sup>®</sup> AQL is a formulation of aerobic and facultative bacteria and flocculant aids. The microorganisms are specifically chosen for their ability to naturally clarify lakes, ponds, lagoons, or slow-moving water bodies. MICROPLEX<sup>®</sup> AQL is formulated to improve water quality and clarity, stabilize microbial biomass, reduce aquatic life mortality, and reduce solids. When used as a preventive maintenance program MICROPLEX<sup>®</sup> AQL will enhance the overall water quality and health of aquatic life.

### Benefits of Use:

- Reduce suspended solids
- Improve water quality
- Reduce algae
- Improve aquatic life health and quality

### Application:

MICROPLEX<sup>®</sup> AQL should be mixed with water and applied directly into the lake, lagoon, or pond on a regular basis. Your Probiotic Solutions<sup>®</sup> Representative will prepare an application schedule tailored to your needs. Typical maintenance dosing frequency ranges from 1 dose per 7 days to 1 dose per 15 days. A general range of potential doses is provided below.

APPLICATION	Minimum Dose per MG / per 1,000 m <sup>3</sup>	Maximum Dose per MG / per 1,000 m <sup>3</sup>
Normal/Maintenance	Up to 0.5 lb / 0.15 kg	Up to 2.0 lb / 0.55 kg
Start-up	Up to 15 lb / 4.0 kg	Up to 25.0 lb / 6.5 kg