

AQUA HEALTH in association with Gauteng Environmental Services

AQ1000

SPECIALLY FORMULATED FOR LAKES, PONDS & AQUACULTURE INDUSTRY. 100% NATURAL, NONTOXIC, BIODEGRADABLE, SAFE AND BENEFICIAL MICROBES.

GENERAL APPLICATION

AQ1000 is a high potency, bacterial liquid concentrate for use in controlling algae, ammonia, and nitrites through production of enzymes that inhibit algae growth and through competition of available nutrients in the water. **AQ1000 contains a specially formulated proprietary blend of aerobic & anaerobic microorganisms with surface tension suppressants.** Because of the diversity of the microorganisms and enzyme systems this product is excellent for increasing water clarity.

AQ1000 product is harmless to pipes, humans, birds, fish, and plant life thereby providing biological control, which is completely compatible with maintaining a natural ecological balance. The safe, natural occurring aerobic and anaerobic bacteria are present in high numbers to handle difficult algae, ammonia, nitrites and odor related problems.

Lakes and ponds receive more nutrient input that natural processes can handle, including nitrogen, phosphorous, and organics. Excess nutrients cause algae build up, excess weed formation, and sludge build up. Algae and aquatic weeds are unsightly. The sludge blanket harbors pathogens, which cause murky water, and give off sulfide odors.

Proper treatment of lakes and ponds requires removal of nitrogen, phosphorous, and organics. Only the **AQ1000** System has all the components needed for the complete job.

GENERAL APPLICATION & CHARACTERISTICS

APPLICATIONS

- Facultative Lagoons
- Sewers
- Holding Tanks
- Waste Water Plants
- Aerated Lagoons
- Lakes
- Basin
- Fish Hatcheries
- Aqua culture farms
- Golf Course ponds
- Fountains
- Collection Systems
- Oxidation Ditches

CHARACTERISTICS

Form..... liquid
Color.....straw
Odor.....musty
Viscosity.....cps at 70°F=20cps
Spec. Grav.....1.01=/.1
pH.....6.5+/.5
Flash Pt..... none
Shelf Life..... 24 months
Bacteria count.....135 billion per litre

BENEFITS OF USING AQ1000

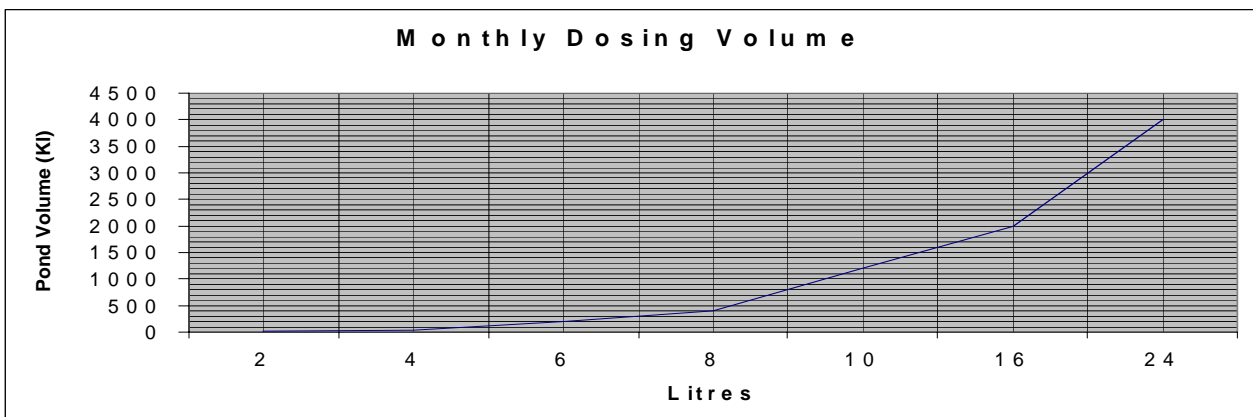
- Reduces ammonia and nitrogen levels.

- Significantly reduces noxious odors caused by algae, fish waste and urine.
- Reduces hydrogen sulfide, which creates strong, offensive odors.
- Reduces chemical oxygen demand (COD) and related organics, which can cause off flavours in fish.
- Creates a healthy environment for your pond, lake, promoting faster fish growth.
- Reduces build-up of bird droppings, fish feed and dead leaves.
- Reduces disease-causing organisms through a probiotic effect generated by the beneficial species of microbes contained in this product.
- Breaks down dead algae.
- Dissolves away organic sludge.
- Seeds and maintains biological filters.
- Can be used in tanks, raceways, lagoons, ponds, and pools.
- For salt water environments, use **AQ1000-S**
- Contains nitrifiers, including both nitrosomonas and nitrobacter species.
- Effective over a wide pH range.
- Sustains biological activity in water temperatures under 12 °C.
- Contains no chemicals.

DOSING METHOD

The **AQ1000** product can be dosed continuously, using a delivery system or batch treatment can be performed. In either case, you are assured of receiving enough bacteria, of the right type, with the right level of activity to handle even the toughest lake and pond restoration jobs.

DOSAGE (Litre)



The **AQ1000** product is a cost effective, environmentally friendly technology for lake and pond restoration.