

AQUA HEALTH in association with Gauteng Environmental Services

SLUDGE CLEAN

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

GENERAL APPLICATION

SLUDGE CLEAN is a high potency, bacterial liquid concentrate for use in controlling solid wastes generated. **SLUDGE CLEAN 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.

SLUDGE CLEAN 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 solid build-up and related problems.

Lakes and ponds receive more nutrient input than what the 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. Pathogens cause illness and death to fish.

Proper treatment of lakes and ponds requires removal solids and suspended matter. Only the **SLUDGE CLEAN** 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 SLUDGE CLEAN

- Creates a healthy environment for your pond, lake or raceway, promoting faster fish growth.
- Reduces chemical oxygen demand (COD) and related organics, which can cause off flavours in fish.
- 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.
- Can be used in tanks, raceways, lagoons, ponds, and pools.
- Effective over a wide pH range.
- Sustains biological activity in water temperatures under 12 °C.
- **Contains no chemicals.**

DOSING METHOD

SLUDGE CLEAN products 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

Dosing of **SLUDGE CLEAN** is 1 : 20 000

- ⇒ 1ml per 20l
- ⇒ 2ml per 40l
- ⇒ 10ml per 200l
- ⇒ 20ml per 400l
- ⇒ 100ml per 2 000l
- ⇒ 200ml per 4 000l

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