



ProKa 1800

Microbial Algae Management

Primary Applications: Pond/Lagoon clarification; Algae Management in various Wastewater Treatment Systems

Benefits: Reduce effluent TSS, decrease effluent pH variability improve visual features

ProKa 1800 is a blend of proprietary microorganisms formulated for use where inordinate algae growth is a problem. The microbes in **ProKa 1800** will breakdown excess wastes in ponds and lagoons and reduce excessive quantities of inorganic nutrients, such as biologically usable forms of phosphorus and nitrogen, which are causative reasons for excessive algal blooms, leading to cleaner water, higher dissolved oxygen levels and where necessary, lower effluent Total Suspended Solids (TSS).

SPECIFICATIONS

Product: Dormant bacterial cultures
Viability: minimum 4 billion CFU/g
Form: A dry, free-flowing powder
Color: Beige to light brown
Specific Gravity: 0.5 - 0.7
Storage: Store product in a dry place between 21°-27° C (70°-80.6°F). If product becomes wet, it must be used immediately. Do not freeze.

DIRECTIONS FOR USE

ProKa 1800 may be added directly to a pond, basin or lagoon. Consult a 4G representative for detailed Wastewater Treatment Plant dosing recommendations.

Our recommended dose rate is:

Week 1 – 8 pounds/surface acre
Week 2 – 6 pounds/surface acre
Week 3 – 6 pounds/surface acre
Week 4 – 4 pounds/surface acre
Week 5 – 4 pounds/surface acre
Week 6 – 2 pounds/surface acre
Week 7 - 2 pounds/surface acre

Maintain the pond/lagoon/basin with 2 pounds/surface acre each month as needed for maintenance. For Wastewater Treatment System applications a customized, site specific dosing schedule is highly suggested.



OPERATING CONDITIONS

pH 5.0-10.0
Temp. 5°C - 40°C (40°F - 104°F)

Do not use in environments where high levels of toxic metals such as zinc, chrome, mercury, are known to exist.

AVAILABILITY

ProKa 1800 is available in 25 lb. plastic pails or 100 lb. fiber drums and may be packaged in one-pound water-soluble packs.

CAUTION

Persons allergic to dust should employ nose and mouth protection when handling this product. In the event of direct contact with the eyes or skin, flush the affected area with water.

DISCLAIMER

There are no performance warranties expressed or implied via this information. 4G shall not be held liable for any damages that may result from the presence or application of the product described herein.