



## **ProKa 1600C**

*Aerobic/Facultative Digester or Lagoon Low Water Temperature Aid*

Primary Applications: Municipal and Industrial Wastewater Treatment Aerobic or Facultative Digesters

Benefits: Optimize seasonal performance, Rapid upset recovery, Improved settling, Enhance supernatant clarity and Increase digestion rate

**ProKa 1600C** is a blend of adapted aerobic and facultative microorganisms with the addition of patent-pending Psychrophilic, cold-water tolerant (< 12°C/53.6 °F) bacteria formulated for industrial and municipal wastewater applications in which the dissolved oxygen is less than 1.0 mg/l, such as facultative/anoxic digesters, basins and lagoons. The bacteria in **ProKa 1600C** produce multiple types of enzymes such as Amylase, Protease, Esterase, Urease, Cellulase, Xylanase and Lipase to break down proteins, animal and vegetable fats and oils and carbohydrates. Use of **ProKa 1600C** will increase biological activity during reduced performance periods due to low wastewater temperature, increase supernatant clarity, reduce biosolids sludge yield and produce a good settling biological floc.

### **SPECIFICATIONS**

Product: Dormant bacterial cultures  
Viability: Minimum 4 billion live cells per gram  
Form: A dry, free-flowing powder  
Color: Beige to light brown  
Storage: Store product in a dry place between 10°-40°C. If product becomes wet, it must be used immediately. Do not freeze.

### **DIRECTIONS**

ProKa 1600C may be added directly to a mixing tank, digester, basin or lagoon.

### **OPERATING CONDITIONS**

pH	5.5 -8.5
Temp.	2°C - 15°C ( 35.6°F-59°F)
PO <sub>4</sub>	n/a
NH <sub>3</sub> N	n/a

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

Office(570)325-5013

Fax(570)325-2083

www.4Genviro.com

145 Unionville Road – Jim Thorpe – PA – 18229 - USA



**AVAILABILITY**

ProKa 1600C is available in 25 lb. plastic pails or 100 lb. fiber drums. ProKa 1600C may be packaged in one-pound water-soluble packs for an additional charge.

**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.