



## **ProKa 1500C**

*Filamentous Bacteria Growth Management  
Low Wastewater Temperature Applications*

Primary Applications: Food Processing and Municipal Wastewater Treatment Plants operating at water temperatures below 59°F (15°C)

Benefits: Enhance biosolids settling and reduce foam during cold wastewater operations

**ProKa 1500C** is a combination of natural components, including patent-pending psychrophilic (cold water adapted) microbes that disfavor the proliferation of various filamentous bacteria in biological wastewater treatment systems. **ProKa 1500C** has the ability to destabilize and manage excessive filamentous bacterial populations, thereby enhancing secondary biosolids settling while optimizing the Wastewater Treatment Plant operation. Nuisance foam generated by specific filament types may be reduced through the use of **ProKa 1500C**. When properly applied, **ProKa 1500C** has been able to reduce the sludge yield in system by 20-30%.

### **SPECIFICATIONS**

Product: Dormant bacterial cultures, enzymes and micronutrients  
Viability: minimum 4 billion CFU/g  
Form: A dry, free-flowing powder  
Color: Beige to light brown  
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 1500C** may be added directly to aeration tank, lagoon, or oxidation ditch. For trickling filters, it is best to prehydrate product by adding 2 lbs. per 1 gallon of 20-30° C non-chlorinated water. Allow solution to stand for 30 minutes to 1 hour before adding to trickling filter.

### **OPERATING CONDITIONS**

pH 6.0-9.0  
Temp. 2°C - 15°C (35.6°F - 59°F)  
PO<sub>4</sub> 2 mg/L minimum  
NH<sub>3</sub>N 2 mg/L minimum

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



#### **AVAILABILITY**

**ProKa 1500C** 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.