



## **ProKa 600**

*Textile Wastewater Treatment Microbial aid*

Primary Applications: Textile mill Wastewater Treatment

Benefits: Rapid upset recovery and start-up, optimize Wastewater Treatment System operations and effluent performance

**ProKa 600** is a broad spectrum of bacterial cultures designed to degrade the TOC, COD and BOD components associated with textile (wool, cotton and synthetic processing) wastewater. The cultures in **ProKa 600** are capable of degrading wastes containing strong COD and quasi-toxic compounds that interfere with oxygen transfer and normal biomass activity. Biomass optimization with **ProKa 600** will allow for effective treatment of complex organics such as, but not limited to; alcohols, surfactants, detergents, solvents, dyes, aliphatic and aromatic hydrocarbons, machine oils, carbohydrates, pectins, keratin, wax, oils and grease (animal, vegetable).

### **SPECIFICATIONS**

Product: Dormant bacterial cultures 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 600** 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. 15°C - 40°C (59°F - 104°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 600** 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.