



## **ProKa 300**

*Industrial Wastewater Treatment Microbial Aid*

Primary Applications: Chemical Processing, Steel/Coal Chemical mills, Textile mills, Pharmaceutical Plants, Petrochemical Operations, Pulp mills and Landfill Leachate

Benefits: Rapid Biological Upset Recovery, Wastewater Treatment Plant Optimization and compliance

**ProKa 300** is a broad spectrum of bacterial cultures designed to degrade hydrocarbon industrial wastes, thereby enhancing COD, TOC, BOD and TSS removal in industrial or joint municipal/industrial wastewater treatment plants. The cultures in **ProKa 300** are capable of degrading wastes containing strong organic matter and semi-toxic compounds that interfere with normal biomass activity. Biomass optimization with **ProKa 300** will allow for effective treatment of complex organics such as, but not limited to; phenols, alcohols, surfactants, detergents, glycols, naphthalenes, amines, nitriles, aliphatic and aromatic hydrocarbons, ketones, cutting oils, styrene, and low levels of cyanide. **ProKa 300** can also be used effectively for soil and groundwater remediation projects.

### **SPECIFICATIONS**

Product: Dormant bacterial cultures and or 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 300** 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.

Office(570)325-5013

Fax(570)325-2083

www.4Genviro.com

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



**AVAILABILITY**

**ProKa 300** 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.