

ProKa 350

Industrial Wastewater Treatment Microbial Aid

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

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

ProKa 350 is a broad spectrum of microbial cultures and specialized activated carbons designed to degrade various industrial wastes, thereby enhancing COD, TOC, BOD and TSS removal in industrial or joint municipal/industrial wastewater treatment plants. The cultures in **ProKa 350** are capable of degrading wastes containing strong organic matter, semi-toxic and inhibitory compounds that interfere with normal biomass activity. Biomass optimization with **ProKa 350** 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, and low levels of cyanide.

ProKa 350 synergistically blends the adsorption and neutralization capabilities of specialized powdered activated carbons with the enhanced biodegradation capabilities of our microbial strains.

SPECIFICATIONS

Product: Dormant bacterial cultures and or micronutrients and powdered carbon
Viability: minimum 4 billion CFU/g
Form: A Granular powder
Color: Black
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 350 may be added directly to aeration tank, lagoon, oxidation ditch, anaerobic reactor or digester. 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)
PO₄ 2 mg/L minimum
NH₃N 2 mg/L minimum



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

AVAILABILITY

ProKa 350 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.