



ProKa 300C

*Industrial Wastewater Treatment Microbial Aid
Cold Water Temperature Tolerant Strains*

Primary Applications: Chemical Processing, Petrochemical Operations, Petroleum Refining, Steel/Coal Chemicals, Textile mills, Pharmaceutical Plants and Pulp mills

Benefits: Rapid Upset recovery and start-up, Seasonal Wastewater Treatment Plant optimization and compliance

ProKa 300C is a broad spectrum of selected and adapted, patent-pending psychrophilic microbial cultures designed to degrade hydrocarbon industrial wastes, thereby enhancing TOC, COD, BOD and TSS removal in industrial or joint municipal/industrial wastewater treatment plants operating under cold water temperature conditions (2-15°C). The cultures in **ProKa 300C** are capable of degrading wastes containing strong organic matter and semi-toxic compounds that interfere with normal biomass activity. Biomass optimization with **ProKa 300C** 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 300C** can also be used effectively for soil and groundwater remediation projects.

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 300C 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 30-60 before adding to trickling filter. Consult a 4G representative.

OPERATING CONDITIONS

pH 6.0-9.0
Temp. 2° - 15°C (35.6° - 59°F)
PO₄ 2 mg/L minimum
NH₃N 2 mg/L minimum

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

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AVAILABILITY

ProKa 300C 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.