



ProKa 200

Industrial Microbial Hydrocarbon Degradar

Primary Applications: Petroleum Refineries, Hydrocarbon Processing Facilities, Pipelines

Benefits: Rapid Wastewater Treatment Plant upset recovery, system optimization

ProKa 200 is a novel bacterial and micronutrient blend specifically designed to degrade the hydrocarbon industrial wastes found in refinery waste and wastewater. The cultures in **ProKa 200** are capable of degrading wastes containing quasi-toxic compounds that interfere with oxygen transfer and normal biomass activity. Biomass optimization with **ProKa 200** will allow for effective treatment of high dissolved and suspended solids, in addition, but not limited to; phenolic compounds, surfactants, detergents, oils, mercaptans, amines, and low levels of cyanide thereby, enhancing COD, TOC, BOD and TSS removal. **ProKa 200** can also be used effectively for hydrocarbon 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 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 200 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. Consult a 4G representative for detailed dosing recommendations.

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

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



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.

AVAILABILITY

ProKa 200 is available in 25 lb. plastic pails or 100 lb. fiber drums and may be packaged in one-pound water-soluble packs.

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