



ProKa 300H

*Industrial Wastewater Treatment Microbial Aid
High Wastewater Temperature Tolerant Strains*

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

Benefits: Rapid upset recovery and start-up, enhance seasonal plant performance

ProKa 300H is a broad spectrum of selected and thermophilic microbial cultures designed to degrade various industrial wastes, thereby enhancing TOC, COD, BOD and TSS removal in industrial or joint municipal/industrial wastewater treatment plants operating under thermophilic (high wastewater temperature) conditions. The cultures in **ProKa 300H** are capable of degrading wastes containing strong organic matter and semi-toxic compounds that interfere with normal biomass activity. Biomass optimization with **ProKa 300H** 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.

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 300H 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. 40° - 60°C (104° - 140°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.



AVAILABILITY

ProKa 300H is available in 25 lb. plastic pails and may be packaged in one-pound water-soluble packs. It is available in 100 lb. fiber drums in bulk form.

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.