



ProKa 1000

Ammonia Degrading Microbial Blend

Primary Applications: Industrial and Municipal Wastewater Treatment Plants;

Benefits: Rapid upset recovery and plant start-up, maintaining permit compliance

ProKa 1000 is a blend of nitrifying bacteria specifically formulated to work in aerobic wastewater treatment plants that need to reduce or eliminate ammonia. **ProKa 1000** can be applied to all industrial wastewater plants such as; chemical plants, petroleum refineries, steel mills, food processing plants, landfill leachate and municipal wastewater treatment plants.

SPECIFICATIONS

Product: Bacteria, enzymes, and stabilizers
Viability: $\geq 1,000$ mg NH₃-N/kg/hr
Form: Liquid or Gel
Color: Reddish brown
Specific Gravity: 1.05
Storage: Store at temperatures between 2°-4° C. Refrigerate, **Do not freeze.**

DIRECTIONS

Dilute **ProKa 1000** concentrate with 1 part concentrate to 5 parts of non-chlorinated water. The dilution water temperature should be between 20° - 35°C. Let stand for between 45 minutes and 1 hour then apply directly to the aeration basin. Consult your 4G representative for precise dosing and application information.

OPERATING CONDITIONS

pH: 6.5-8.5
Temp: 8°C - 40°C (46.4°F-104°F)
Alkalinity: 7.5 mg/l per ml of ammonia
PO4: 2 mg/L minimum
Dissolved Oxygen : 1 mg/L minimum/ 2mg/L recommended

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



AVAILABILITY

ProKa 1000 is available in 4.0 L (1.06 gallons/10 pound) containers and it must be shipped overnight in insulated coolers. [Store ProKa 1000 at 2°-4° C.](#)

CAUTION

Avoid direct skin contact. In the event of direct skin or eye contact, flush affected area with water. If irritation persists, contact a physician.

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.