B 1000
Ammonia Degrading Bacteria Blend

Primary Applications: Industrial and Municipal Wastewater Treatment Plants; rapid upset recovery, efficient plant start-up and permit compliance.

B 1000 is a blend of nitrifying bacteria specifically formulated to work in aerobic wastewater treatment plants that need to reduce or eliminate ammonia. B 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: ≥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 B 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 Dynatec Systems, Inc. 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

B 1000 is available in 4.0 L (1.06 gallons/10 pound) containers and it must be shipped overnight in insulated coolers and stored 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. Dynatec Systems, Inc. shall not be held liable for any damages that may result from the presence or application of the product described herein.