

Product Features

- Contains vegetative and spore forming bacterial strains capable of utilizing aerobic, facultative & fermentative metabolic pathways.
- Contains no raw enzymes, surfactants or solvents.
- Rapid germination and outgrowth of spores.
- Bacteria can colonize a wide variety of surfaces to produce long-lasting effects.

Product Characteristics

Z-BIO ETP110 Liquid Concentrate

- Activity 500mg-N/kg/hr. NH₄-N oxidation rate with a balanced population of *Nitrobacter*
- Stability 4 - 8 months under refrigeration
- pH Range 7.0 - 8.0
- Effective temperature range 46° - 110°F (8° - 44°C)
- Appearance Pinkish-brown heavily turbid liquid
- Nitrite <50mg/L

Available Packaging

- 5Litre Drum

Z-BIO ETP110 Regular Liquid

- Activity 12 - 25 mg-N/kg/hr. NH₄-N oxidation rate with a balanced population of *Nitrobacter*
- Stability 2 - 4 months under refrigeration
- pH Range 6.0 - 9.0
- Effective temperature range 6° - 110°F (8° - 44°C)
- Appearance Slightly turbid liquid
- Nitrite < 50mg/L

Available Packaging

- 25Litre Drum
- 200Litre Drum
- 1,000Litre IBC

Optimum Conditions for Use

- Bacteria in **Z-BIO** products perform within a pH range of 6.5 - 9.0, with the optimum typically near 8.5.
- Wastewater temperature affects activity, with an approximate doubling in maximum growth rate for each 18°F (10°C) increase in temperature to an approximate upper limit of 104°F (40°C), unless otherwise indicated.
- Very low activity can be expected below 41°F (5°C).

Storage and Handling

- Refrigerate concentrate upon receipt and throughout period of use.
- DO NOT FREEZE.
- Store regular liquids in a cool environment.
- Avoid excessive skin contact with liquids.
- Wash hands thoroughly with warm, soapy water after contact.
- Avoid eye contact.