



TECHNICAL DATA SHEET

TZBI-556

TZBI-556 CONSUMES INORGANIC NITROGEN SUCH AS AMMONIA, NITRATE AND NITRITE IN MUNICIPAL AND INDUSTRIAL TREATMENT PLANTS.

Benefits of use:

- Removes nitrogen from wastewater rather than converting it to another form;
- Significantly reduces ammonia levels, usually 40-50% within 24-48 hours;
- Enhances removal of organic nitrogen i.e. amino acids, proteins, purines, pyrimidines, nucleic acids;
- Increases wastewater treatment efficiency by at least 50%;
- Reduces plant upsets from shocks;
- Eliminate expensive surcharges due to high TKN discharge levels.

SPECIFICATIONS

Description	Tan color, free-flowing granular powderd
Packaging	250g water-soluble packages 10kg plastic pail
Stability	Max. loss of 1 log/yr
pH	6.0 -8.5
Bulk Density	0.5 – 0.61g/cm ³
Moisture Content	15%
Nutrient Content	Biological nutrients and stimulants
Bacteria Count	5 billion per gram
Storage and Handling	DO NOT FREEZE! Store in a cool dry location. Do not inhale dusts. Avoid excessive skin contact. See MSDS.



APPLICATION INSTRUCTIONS

LAGOON SYSTEMS :

Facultative systems – application rate is based on the lagoon surface area:

Day 1-3	20kg/10 000m ² /day
Day 4+	2kg/10 000m ² /day

Anaerobic systems – application rate is based on the total volume of the anaerobic lagoon

<200 000 L	1 kg – 2x/week/10 000L
>200 000L	0.5 kg – 1x/day/10 000L

Lagoon in cold climates – commence program when the water temperature is at least 50°F (11°C.)