



## TECHNICAL DATA SHEET

**TZB-700**

### **WASTE DEGRADER.**

TZB-700 is a ready-to-use bacterial powder formula for accelerating waste degradation in residential and commercial wastewater.

Nviron Biosolutions selectively adapted spores and vegetative microorganisms for their exceptional ability to accelerate the breakdown of difficult to degrade organic compounds in aerobic and anaerobic environments. The microorganisms are then blended, based on each strain's superior enzymatic activity against substrates such as fats, oils, grease, protein, starch and carbohydrates.

The combined cultures prove themselves in enhanced cell growth, germination rate, and effectiveness over a wide range of organic substrates. The components of TZB-700 are listed on the Canadian Domestic Substances List (DSL).

TZB-700 also uses nutrients and micronutrients that stimulate the germination and outgrowth of the synergistic microbial consortium.

TZB-700 improves the biological degradation rate for:

- Commercial Wastewater Facilities
- Septic Systems
- On-site Residential Wastewater Systems
- Lagoons
- Sewage Pits

### **BENEFITS OF USE:**

- Help keep septic systems trouble free;
- Improves biological stability;
- Provides rapid recovery;
- Helps Eliminate sock skills;
- Eliminates odors due to organic build up;
- Reduces frequency of pumping;



- Degrades tissue, detergents, fats, oils, and grease;
- Reduces organic loading to septic drain-field;
- Grease biodegradation outperforms other competitive formulations in laboratory and field studies;
- Superior germination and outgrowth results in increased bacterial activity in a variety of organic waste applications;
- Accelerated enzymatic degradation allow the microbial consortium to work faster and more effectively;
- Enhanced aerobic and anaerobic performance, designed for applications subject to aerobic and anaerobic environments;
- General organic waste degrader;
- Cold weather performance allows the microbes to retain a high level of effectiveness at colder temperatures.

## SPECIFICATIONS:

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|----------------------|---|
| Description          | Tan color, free-flowing granular powder   |
| Odour                | Cereal like pleasant  |
| Packaging            | 250g water-soluble packages; 20kg plastic pail  |
| Stability            | Max. loss of 1 log/yr   |
| pH                   | 5.0 – 9.8   |
| Plate Count          | 5 billion cfu per gram  |
| Temperature range :  | 38°-145°F (3°-63°C)   |
| Storage and Handling | DO NOT FREEZE! Store in a cool dry location. Do not inhale dusts. Avoid excessive skin contact. See MSDS. |

## APPLICATION INSTRUCTIONS:

1 oz per clogged drain; allow 45 minutes for enzymes to work, then flush drain line with water to free any lose build-up.