



## Industrial Wastewater Treatments

# Technozyme<sup>®</sup> E

Bacteria + Bio Stimulats + Micronutrients

Technozyme E is a specially formulated blend of robust micro organisms, macro / micro nutrients exclusively containing bacteria which can grow over a wide temperature range of 5°C to 55°C.

Bacteria in Technozyme E when added to waste water treatment systems, immediately begin to secrete enzymes that digest and decompose fats, proteins, starch surfactants and other organic wastes to simpler compounds. The environmentally harmless microbes in Greensol E rapidly multiply and colonize the effluent treatment systems, thereby restoring its biological health and efficiency.

### MODE OF ACTION:

Technozyme E degrades organic & inorganic solids that cause obnoxious odors into odorless compounds

- Fats to glycerol & fatty acids
- Cellulose to starch & sugars
- Proteins to amino acids
- Starch to glucose

### APPLICATIONS:

- Pharmaceuticals, Chemical industries
- Dairy & Milk processing industries
- Pesticides & fertilizers industries
- Sugar & Distillery
- Paper & Pulp industry
- Food processing industry
- Fish processing industry

### BIO AUGMENTATION ADVANTAGES:

- Reduces BOD, COD and SS industrial wastewater treatment effluent.
- Improves rapid recovery time from upsets.
- Increases municipal and industrial wastewater treatment systems capacity.
- Improves floc settling formation, thus prevent bulking sludge.
- Increase in MLSS
- Improves waste degradation of specific target compounds
- Breaks down fat & grease buildup, reduces sludge buildup
- Enhances odor control through natural organic acid oxidation
- Changes Biomass Dynamics
- Cost effective & easy to use

### PRODUCT SPECIFICATIONS:

- Appearance : Available in Powder form
- Bacterial count : Probiotic blend of high potency
- Enzyme Production : Protease, Lipase, Amylase, Urease, Cellulase, Nitrate Reductase
- PH range : 5.5 - 9.5
- Temperature range: 5°C - 55°C
- Shelf life: 2 years from date of manufacturing

### STORAGE & HANDLING :

Product can be stored at room temperature & under dry conditions. Wash hands thoroughly with warm, soapy water after handling

**Customs Formulations Are Available Upon Request**

For Further Details Contact:



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