



## Lake / Nallah Restoration

# Technozyme<sup>®</sup> LR

Bacteria + Bioenzymes

Technozyme LR is a specially formulated blend of micro organisms, bioenzymes which degrades the aquatic organic waste into smaller compounds. It is used in bioremediation of lakes/ ponds and nallah treatments.

For water body bioremediation firstly there is physical removal of water hyacinths and aquatic weeds followed by de-silting to increase the depth of water body. Application of Technozyme LR rapidly degrades aquatic organic waste, prevents toxic conditions, sludge accumulation, algae and colour removal & improves water quality, DO level & production yield.

### MODE OF ACTION:

Technozyme LR decompose fats, proteins, starch and other organic wastes to simpler compounds

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

### APPLICATIONS:

- River conservation
- Lake bioremediation
- Pond beautification
- Nallah treatments

### BIOAUGMENTATION ADVANTAGES:

- Reduces sludge buildup, and organic buildup in water body
- Reduces algae, duck weeds
- Degrades organic wastes & removes excess nutrients
- Removes suspended solids & foul odour
- Improves water quality, environment of water body
- Repels mosquitoes and flies
- Helps in ammonia removal
- Ecofriendly

### 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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