

## CLEAN WATER KF-100: TO TREAT INDUSTRIAL WASTEWATER AND SEWAGE

CLEAN WATER KF-100 is a specially formulated blend of enzymes and macro/micro nutrients which can work over a wide temperature range of 5 to 55 Deg. C to treat industry wastewater. Clean water KF-100 immediately begins to activate enzymes that digest and decompose fats, proteins, starch, surfactants and other organic matters to simpler compounds. Environmentally harmless nonpathogenic material, rapidly acts in the aerobic or non-aerobic system and consumes complex organic matter, thereby restores its biological health and efficiency.

### MODE OF ACTION:

CLEAN WATER KF-100 convert organic compounds into low carbon compounds and ultimately in Co<sub>2</sub> & H<sub>2</sub>o

1. Fats to Glycerol and Fatty acids.
2. Cellulose to Starch and Sugars
3. Proteins to Amino Acids
4. Starch and sugar to Glucose
5. Glucose to Water and Carbon di Oxide

### APPLICATION

1. Dilute 1 Kg. of CLEAN WATER KF-100 to 10 L. Chlorine free water
2. Leave it for 30 minutes for proper growth of microbes.
3. Dose in to the Aerator
4. It can also be added to Industrial wastewater lagoon. Here it works in anaerobic atmosphere.

### ADVANTAGES OF BIOAUGMENTATION

- \* Reduces BOD/COD.      \* Increase MLSS.      \* Breakdown Fat and Grease Build up
- \* Reduces Sludge Build up      \* Controls Odour/ Color      \*Changes Biomass Dynamics
- \* Improve Start up and recovery from shock loading.

### PRODUCT SPECIFICATIONS

1. Available in powder form
2. High Quality Probiotic Blend
3. Produces Protease, Lipase, Amylase, Urease, Cellulase and Nitrate Reductase.
4. pH Range = 5.5 to 9.5
5. Temperature = 5 to 55 Deg. C
6. Shelf Life = 2 year from production

### STORAGE. HANDLING & SAFETY

1. Can be stored at Room Temperature under dry conditions.
2. Wash hand with soap and water thoroughly after handling.
3. Not toxic but it is not a food grade product.