

# Aerobic Bacteria

## Aeration system bio augmentation

### Introduction

Aerobic Bacteria is a consortium of vigorous and specific microbes that are good at degrading organic pollutants and can effectively help to maintain the outlet parameters of effluent within limits.

Biological reformulated from bacillus, organic acids, natural biological systems, buffers, nutrients, and energy systems which enhances biological degradation.



### Composition

Four Strain Bacillus Spore Blend and microbial carrier

Light tan powder, Weak odor;

Bacteria count  $>2 \times 10^{10}$  CFU/g;

### Application

Aeration Tank, MBR, MBBR, SBR, OXPOND, WWTP, ETP, STP,

## Benefit

- ✓ Bio augmentation for aeration system to degrade COD & BOD to meet local regulation;
- ✓ Digests difficult compounds that are toxic to naturally occurring bacterial or existing generic bacterial;
- ✓ Quick cultivate and recovery system to save lag time to handover project;
- ✓ Increased hydraulic throughput without extra capital expense and footprint;
- ✓ Stabilizes and improves plant operations;
- ✓ Can handle high loading, over loading and toxic loading;
- ✓ Lessens sludge production and handling;
- ✓ 100% natural, non-toxic and free of harmful chemicals

## Dosage & Method

Dosing is vary to specific project information, pls consult with your account manage.

Dissolve with water at 1: 20 ratios; keep settling 2 hrs for activation before dosing .

Routine dosing can keep performance.

## Condition

D.O  $\geq$  2 mg/L, Water temp: 15~45°C, pH: 6 ~ 9, Salinity <30000 mg/L

## Caution

Do not mix use with bleach, caustics, disinfectants or other chemicals

## Packing and shelf life

2 year shelf life, 1 kg per foil bag, 10 kg per carton, 15 kg per drum.

## Storage

Store in cool, dry location, keep out of direct sunshine and moisture. Once opened, should be use it within 30 days to prevent activation. Keep out of reach of children.