

Denitrifying Bacteria

Introduction

Denitrifying bacteria is containing fast-acting and robust micro-organism that work in a wide range of industrial and municipal wastewater treatment processes. It increases start-up speed, improves denitrification stability, shortens recovery time after upsets, and reduces the risk of non-compliance of nitrate and total nitrogen.



Composition

Specially formulated combination of denitrifying bacteria and micro carrier

Brown color powder

Bacteria count 2×10^{10} cfu/g

Application

Domestic and industrial wastewater treatment

Benefit

- ✓ Effective removal of nitrate and total nitrogen, degrade NO₃ into N₂
- ✓ Maintain NO₃ and TN discharge compliances
- ✓ Speed up the denitrification process to minimize lag time
- ✓ Restore denitrification system following toxic shock loading or operation failure
- ✓ Improved ability to handle higher hydraulic loads and shock loads
- ✓ 100% natural, chemical free, eco-friendly solution;

Dosage & Method

Dosage rates are varying to specific project information, please contact with us and we'll help you work it out.

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

Routine dosing can keep performance.

Condition

D.O <1 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.