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## **DESCRIPTION:**

Nitrification Booster contains selected nitrifying bacteria that when added to a system, quickly increases the population to acceptable levels, and enables them to efficiently control the amount of ammonia present by oxidising it to nitrite and further breaking the nitrite down to nitrate.

$NH_4 + 1.50_2 \longrightarrow NO_2 + {}_2H + H_2O$
Nitrosomonas
NO₂ + .050₂ → NO₃ Nitrobacter

## CHARACTERISTICS:

Bacteria Type: Bacterial Count: Form: Appearance: Fragrance: Shelf life : Effective pH range: Effective temperature range:

## APPLICATION:

Waste water plant Digesters Aeration Tanks

## **BENEFITS:**

Enhances BOD/COD Removal Reduces hydrogen sulfide Reduces sludge build-up Nitrosomonas and Nitrobacter Blend 1 billion cfu's / ml Liquid Straw Musty 12 months 7 - 8 15 - 40°C

Oxidation tanks Trickling Filters Sequential Bioreactor Clarifiers Lagoons Reed Beds

Reduces Ammonia Eliminates bad odours at their source Breaks down FOG build-up

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