

BIO TREAT NR

Biological Removal of Ammonia and Nitrite

- **BIO-TREAT NR is a blend of autotrophic micro-organisms that removes ammonia and nitrite in wastewater treatment operations.**
- **A strictly aerobic bacterial blend**
- **Lower BOD levels improves success**
- **Non hydroxyl Alkalinity is required**
- **Conversion rate approx 400/500 mg-N/h/Kg**



Certain nitrifying bacteria convert ammonia in waste water into nitrite. Other species are capable of converting this nitrite into nitrate. Nitrification of waste water can only progress once most of the BOD has been removed. By ensuring the presence of nitrifying micro-organisms on a continuous basis, the ammonia can be reduced to meet the limits for discharge effluent.

The application of this product requires an understanding of the specifics of site conditions. Sludge age, oxygen levels and FM ratios should be available to the operator. The information gained from each site is used to determine whether the **BIO-TREAT NR** is the best product for treatment and the specific dosage required. If total nitrogen is to be reduced, this product can be used in conjunction with **Bio Treat Denite and Bio Treat CAS (Zeolite)**