



PRODUCT DESCRIPTION – EnBac® NS500

Description

EnBac® NS500 is a liquid, containing a specially-formulated combination of micro-organisms, which can rapidly oxidise ammonia in wastewater under aerobic conditions. This has the effect of reducing the amount of Ammonia in the wastewater.

EnBac® NS500 contains:

- High performance nitrifying bacteria – Nitrosomonas spp. and Nitrobacter spp.

How EnBac® NS500 works

The Nitrosomonas in EnBac®NS500 add oxygen to ammonia (NH₃). The nitrogen changes from ammonia to become Nitrite (NO₂).

Then, the Nitrobacter in EnBac®NS500 add yet more oxygen to the Nitrite (NO₂). This causes the nitrogen in Nitrite to convert into Nitrate (NO₃).

The process of converting ammonia into Nitrate is known as Nitrification.

The Effects of Using EnBac® NS500

EnBac®NS500 converts ammonia to Nitrate in wastewater.

Naturally occurring Nitrifying bacteria are very slow growing bacteria – adding EnBac®NS500 can produce much faster results.

Cold weather slows down natural bacteria growth – adding EnBac®NS500 speeds up the process.

Reseeds nitrifiers after a toxic shock.

Helps to meet ammonia consent levels.

Dosage Rates

The correct dosage for this product is dependent on many variables. We suggest you discuss dosage rates with us.

Nitrifying bacteria have a requirement for large amounts of Dissolved Oxygen (DO).

Packaging

EnBac®NS500 is packaged in 1 litre, 5 litre and 25 litre containers.

Storage

Keep refrigerated. We recommend that EnBac®NS500 is used as soon as possible, once received.

Safety

Do not inhale mists. Avoid excessive skin contact. See MSDS for additional information.

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