



Nitrospira MK2

BETA – Complete Nitrifying blend for Establishing Biological filtration

By Fresh By Design

Nitrospira MK2 is the new and improved formulation of nitrospira based nitrifying products for seeding biological filter systems, and is the second step in our microbial treatment process, product designation BETA.

FBD has formulated all microbial supplements in our range to deliver the required CFU/ml concentration AFTER dosing, ensuring the water is being treated immediately with the required number of microorganisms to initiate biological remediation.

Nitrospira MK2 provides effective establishment of biological filtration in aquatic systems to ensure fast start up of biological filters, and minimal downtime.

- Contains live strains of nitrifying bacteria for the seeding of aquatic bio-filters
- Strains for ammonia and nitrite conversion in one single bottle
- Suitable for fresh and saltwater with outstanding results
- Enhanced by several species of bacillus, waste assimilating bacteria which initiate the nitrogen cycle.
- Included probiotic's reduce disease by competitive exclusion and improve system water quality.
- Reduces ammonia and nitrite in new aquatic systems with practically no spikes
- Contains genuine nitrifying bacteria that are adhesive to the filter media.

Each bottle contains:

- Nitrospira - converts ammonia to nitrite
- Nitrospira - converts nitrite to nitrate
- Additional waste assimilating and probiotic bacteria

Specialists in aquaculture & aquarium product supply & design, waste water treatment

PRODUCT OF THE SOUTHERN HIGHLANDS



Standard Concentration Application Dose rates:

- Aquariums – 5mls per 100 Litres
- RAS – Recirculating Aquaculture systems – 50mls per 1,000 litres
- Pond Aquaculture – 10mls per 5,000 litres

Super Concentrate Application Dose Rates:

(for large applications, only available in 1 litre)

- Aquariums – 5mls per 500 Litres
- RAS – Recirculating Aquaculture systems – 50mls per 5,000 litres
- Pond Aquaculture – 10mls per 25,000 litres

Follow up dose of 50% above strength recommended at day 14.

Maintenance doses of 50%-100% are recommended after cleaning and water changes to avoid spikes.

Periodic dosing is beneficial to introduce new microbial diversity to the biological filtration system to avoid inefficient aged bio filters and to reinvigorate the microbial herd.

Fresh By Design specialises in offering tailored microbial treatment schedules for all of our microbial products for specific applications. Please consult FBD if you have a remediation application that requires specific dose rates and CFU concentrations.