

Ammonia Reducer NH3



RTU Ammonia Reduction

Ammonia Reducer NH3 is specially formulated with a proprietary blend of nitrifying microorganisms to provide a consistent seed of both types of nitrifiers for ammonia conversion.

Selected strains of both *Nitrosomonas* spp. and *Nitrobacter* spp. are packaged at high concentrations to allow for the rapid reseedling of systems with ammonia issues.

Features

- Accelerate the establishment of nitrification in newly commissioned or seasonally operated plants
- Assist in the maintenance of satisfactory nitrification in plants with a history of inconsistent performance
- Avoid fines and surcharges for non-compliant effluent ammonia

Available In

5 Gal. Fort Pack Item #ARL100FP5

Directions for Use

Shake before use. Note: Please consult your EnviroZyme representative for most accurate dosing rates. For larger flow rates, contact your EnviroZyme representative to discuss Ammonia Reducer NS.

- Flow Rate Dose (Weekly)
- Up to 5,000 gpd 1 gallon
 - Up to 50,000 gpd 3 gallons
 - Up to 250,000 gpd 15 gallons
 - Up to 500,000 gpd Up to 30 gallons

Continue dosing until effluent Ammonia is within compliance.

These organisms have the following requirements for successful nitrification in waste treatment systems:

- Permissible pH range: 7.2-9.5
- Permissible Temp: 60-95 degrees F
- Optimum Temp: 85 degrees F
- DO level at peak flow: >1.0 mg/L
- Heavy Metals: <5mg/L
- Toxic Organics:
- Halogenated Solvents: 0mg/L
- Phenol and Cresol: <20 mg/L
- Cyanides: <20 mg/L
- Oxygen Requirements: 4.5lb O2/lb NH3-N

Tech Specs

Bacteria Count	n/a
Bacterial Type	Non-pathogenic microbes
DSL	No
Color	Colorless
Fragrance	Characteristic
pH	6 - 9
Temperature Range	16 - 35 Celsius
Warranty	3 months
Storage Temperature	1 - 5 Celsius
Storage Humidity	30 - 60