

# 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