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## **NATURAL AMMONIA REDUCER**

### FOR THE REDUCTION OF AMMONIA LEVELS IN AQUEOUS ENVIRONMENT

#### Active Ingredients

A proprietary blend of naturally occurring microbes, enzymes, and growth stimulators for ammonia oxidizing bacteria.

#### Description

Ammonia Reducing Product is an alternative to chemicals for reduction of ammonia levels in wastewater, pond, lake, and other aquatic environment. It is a propriety blend of microbes in a unique formulation with an ability to remove nitrogenous compounds (e.g. ammonia, nitrate, and nitrite) from aqueous environment in presence of carbonaceous material. This product has been clearly demonstrated to remove significant amounts of ammonia, nitrate, nitrite, and other organic nitrogenous wastes in presence of high B.O.D. material. Routine use of the product eliminates strong ammonia odours from the environment.

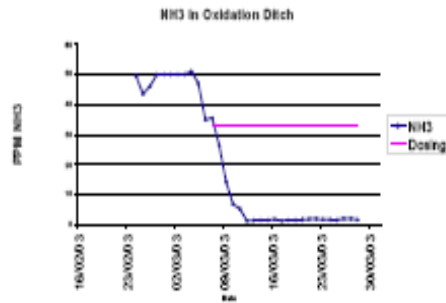
#### Advantages

- Provides rapid removal of ammonia, nitrite, and nitrate.
- Effective in presence of high B.O.D. waste.
- Enhances stability of wastewater treatment systems.
- Effective under wide range of conditions.

#### Suggested Application Rate

For all applications: For first week, use 2.5-5 Kg. per 100,000 gallons water daily. Thereafter, apply 1-2Kg. of product per day based on desire result.

## Results on Sewage Treatment Plant Storage and Disposal



|  | Optimum  | Minimum | Maximum  |
|--|----------|---------|----------|
| Influent pH                              | 7.0      | 5.0     | 9.0      |
| Dissolved Oxygen, ppm                    | 2.0+     | 1.0+    | -        |
| C/N/P Ratio                              | 100/10/1 | 100/5/1 | 100/20/1 |
| Temperature, ( C )                       | 30       | 10      | 40       |
| Toxic Metals, ppm<br>(e.g. Hex chromium) | 0        | 0       | 2        |

### Storage and Disposal

- Shelf life of liquid: 1 year.
- Keep container tightly sealed.
- Store in original container.
- Store in a cool dry place.
- Avoid direct sunlight.
- Dispose in accordance with Federal, State, and Local regulations.

### Cautions

- Eyes: moderately irritating to the eyes. Eye protection should be worn while working with the natural ammonia reducer.
- Skin: dermal exposure may cause mild irritation of skin. Avoid contact.
- Always consult the material safety data sheet for specific instructions.
- Wash hands thoroughly
- It is the responsibility of the customer to take appropriate precautions.