



SUPER NITRO[®]

Enhancing Nature's Science

Product Characteristics

Guaranteed Analysis 30-0-0

Total Nitrogen (N)30.00%
 10.25% Ammoniacal Nitrogen
 9.50% Nitrate Nitrogen
 10.25% Urea Nitrogen

Derived From:

Urea and Ammonium Nitrate.

Physical Properties:

Form: Liquid
 Appearance: Clear to slightly hazy light brown, having a slight characteristic odor.
 Weight: 10.60 lb/gal, 1.20 kg/L
 pH: 7.0–8.5

Additional Contents:

Micro Carbon Technology^{®*}

Caution:

Keep out of reach of children.
 Harmful if swallowed.

Storage and Disposal:

Do not store this product below 50°F (10°C) or above 90°F (30°C). Keep product in original container. Do not transfer into food or drink containers. Triple rinse when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations.

Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, water conditions, and other factors are beyond the control of the seller.

For Improving Nitrogen Availability In Wastewater and Soil

PROBIOTIC SOLUTIONS[®] SUPER NITRO[®] is a Micro Carbon Technology[®] complexed, highly stable source of nitrogen for both wastewater and soil remediation. In wastewater, heterotrophic bacteria require nitrogen to assist in metabolizing biological oxygen demand (BOD). In soil remediation, SUPER NITRO[®] assists in increasing the number of bacteria, thereby improving soil physical condition and nutrient content. SUPER NITRO[®] also increases the rate of hydrocarbon biodegradation.

Benefits of Use In Wastewater:

- Provides quick, efficient nutrient release of nitrogen that is immediately bioavailable.
- Can be mixed with other nutrients for ease of application.

WASTEWATER APPLICATION	RECOMMENDED RATE
Activated Sludge Plants	Up to 2.5 lb / 100 lb BOD ≈ 0.75 gal / 100 lb BOD
Stabilization Basins	Up to 2.5 lb / 100 lb BOD ≈ 0.75 gal / 100 lb BOD

Benefits of Use In Soil:

- Resists nitrogen leaching and volatilization.
- Moves with irrigation water to aid in proper placement.
- Should be used when soil analysis identifies the need for and proper rate of application for this product.

SOIL APPLICATION	RECOMMENDED RATE
Soil banded or injected, through drip tape or micro sprinklers	Up to 5–10 gallons
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 10–20 gallons

Application Instructions:

SHAKE WELL BEFORE USING. Contents are highly concentrated and must be diluted with water in a ratio of at least 20 parts water to 1 part product prior to soil application. If compatibility with other nutrients is a question, jar-test a small quantity.

Nitrogen Efficiency Guide:

10 lbs of urea (46%) or 4.6 lb/acre of actual N is equivalent to 1.5 to 2.3 quarts of SUPER NITRO[®].



**This Product Contains Micro Carbon Technology[®], a proprietary blend of very small organic molecules that allows for more effective absorption of nutrients by microorganisms.*