



# SUPER NITRO®

## Environmental

### What is Super Nitro®?

Super Nitro® is a Micro Carbon Technology® complexed, highly stable source of nitrogen for both wastewater and soil remediation.

### What does Super Nitro® do?

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 FOR USE IN WASTEWATER:

- Provides quick, efficient nutrient release of nitrogen that is immediately bioavailable.
- Helps meet recommended BOD:N ratio of 100:5-10:1
- Can be mixed with other nutrients for ease of application.

#### DIRECTIONS FOR USE:

Shake well before use. Designed to be injected into wastewater treatment systems as an ultra-efficient nitrogen source. Should be applied when water analysis identifies the need and proper rate of application for this product. Application rate of available nitrogen in 1-liter of Super Nitro® is equivalent to 2.5 kilograms of Urea. Can be applied in combination with compatible nutrient solutions such as Super Phos®. If compatibility is in question, jar test a small quantity. Application timing, intervals and rates may vary according to individual facility/system requirements and available nutrient levels in the wastewater.

Total Nitrogen (N) ..... 30.0%

ALSO CONTAINS BENEFICIAL SUBSTANCES:  
11.0% Organic Matter (derived from humic substances)

Derived from Urea and Ammonium Nitrate.

### SHAKE WELL BEFORE USE

### APPLICATION

WASTEWATER	SUGGESTED RATE
In activated sludge plants	Up to 5 kg/100 kg BOD <sub>5</sub> Up to 5 lb/100 lb BOD <sub>5</sub>
In stabilization basins	Up to 5 kg/100 kg BOD <sub>5</sub> Up to 5 lb/100 lb BOD <sub>5</sub>
SOIL	SUGGESTED RATE
Soil banded or injected, through drip tape or micro sprinklers	up to 5-10 gal
Soil broadcast spray incorporated	up to 10-20 gal

CONTACT YOUR LOCAL HUMA® ENVIRONMENTAL REPRESENTATIVE FOR SPECIFIC USAGE RECOMMENDATIONS.

10.85 lb per gallon @ 68°F.  
1.30 kg per liter @ 20°C.  
pH 7.0-8.5

2.5 gallons • Net Wt. 27.13 lb  
9.46 liters • Net Wt. 12.30 kg  
Lot No. 12345678

### SAFETY

KEEP OUT OF REACH OF CHILDREN

The liquid and mists may be irritating to the eyes and skin. Inhalation of mists may be irritating to the entire respiratory tract. Ingestion of this product may cause gastrointestinal, cardiovascular, and central nervous system effects.

**CLASSIFICATION:** HAZARD CATEGORY 3—MILD SKIN IRRITATION

**SIGNAL WORD:** WARNING

**HAZARD STATEMENT:** H316—WARNING—Causes mild skin irritation.

**PRECAUTIONARY STATEMENT:** P332+P317—If skin irritation occurs, get emergency medical help.

**PRODUCT CHARACTERISTICS:** A clear to slightly hazy, light brown liquid having a slight characteristic odor. The color, pH, specific gravity, as well as the smell, can vary as this product is a formulation made with organic and organically active ingredients. Variations may occur due to changes in temperature, atmospheric pressure, weather conditions, and/or exposure to light from when the product leaves the factory until it reaches the final consumer.

#### STORAGE AND DISPOSAL:

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 on this label 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, and other factors are beyond the control of the seller.



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Micro Carbon Technology®

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