NUTREX™

Concentrated Biological Energizer

Biofeed®
ENVIRONMENTAL PRODUCTS

TECHNICAL BULLETIN

Description

One component of maintaining any biological system is providing the elements required by the microorganisms in a bio-complex that is conducive to their metabolic activity. **NUTREX™** is a concentrated blend of organically complexed compounds that promote accelerated biological growth in the waste stream.

The nutritional requirement of bacteria is generally satisfied by nutrients contained in the waste stream. This includes nitrogen, water and carbon which is derived from the organic waste which may also contain toxic elements that restrict efficient biological break-down of waste matter. Addition of **NUTREX™**, supplies natural buffers, bio-stimulants, coenzymes and rare-earth nutrient elements which have shown to enhance the digestion cycle.

When added in the non-sterilized or biological treatment phase of a wastewater treatment plant, **NUTREX™** will improve biochemical oxidation and liquidation of treated effluent, maintain plant stability and reduce plant-operating costs.

Benefits

- Improves degradation activity including enhanced general or specific organic removal efficiencies
- Process stabilization, including shock-load resistance or intake buffering capacity
- Reduction in COD and BOD levels
- Increases dissolved oxygen levels
- Reduction in odors
- Faster reduction of sludge volume
- Buffers pH in acidic environments
- Activates aerobic and facultative bacteria

Physical Characteristics

Appearance: Brown liquid
Weight: 10.1 lbs./gal.
pH: 7.5-8.5
Enzymatic activity may affect pH during storage.

Availability

- 5-gallon (18.93 L) pail
- 55-gallon (208.2 L) drum
- 275-gallon (1040.99 L) tote

Chemical Characteristics

Contains urea, organic acids, enzymes, amino acids and biostimulants.

Application

SHAKE WELL OR STIRE BEFORE USE.

NUTREX™ is highly concentrated and is ready to use.

SOIL: Apply 2.5-5 gallons in 50-100 gallons of water per acre every 2 weeks with sprayer.

WASTEWATER: Apply 2-3 parts per million (2-3 PPM) continuously by chemical feed pump or manually, 2 to 3 times per day.

NUTREX™ performs best within a pH range of 5.0-9.5 with optimum near 7.0. Temperature affects microbial activity, with an approximate doubling in growth rate for each 10°C (18°F) temperature increase to an upper limit of approximately 40°C (104°F). Very low activity can be expected below 5°C (41°F).

Consult your Biofeed® representative for additional or enhanced treatment programs.

Storage and Container Disposal

Store at 50°-95°F / 10°-35°C. Do not store in direct sunlight.

Keep product in original container. Triple rinse and empty for recycling. Always dispose of container in accordance with local, state and/or federal regulations.

Caution

KEEP OUT OF REACH OF CHILDREN. May be harmful if swallowed.

SDS available upon request.

Condition of Sale

The information herein is believed to be accurate and reliable. Buyer and user assume all liability from use of this material. Follow directions carefully. Timing, method of application, weather, plant, crop or turf conditions and other factors are beyond the control of the seller.

Amino-Carbon Technology® (ACT) is our proprietary base additive that is tested and proven to improve nutrient absorption, and plant growth and crop production.

Contains Biofeed's Exclusive Amino-Carbon Technology® ACT

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Innovation That Grows℠

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Manufactured by: Biofeed Solutions, Inc. • PO Box 3434 • Glendale, AZ 85311 • O: 623-930-7510 F: 623-930-8598