

# HI-TEST™

## CONCENTRATED NBPT - DCD SOLUTION FOR UAN

Hi-Test™ is a fertilizer additive for Urea Ammonium Nitrate (UAN) fertilizers that is a dual mode of action urease and nitrification inhibitor.

*This product is not recommended for use as a fertilizer substitute.*  
**This product contains an orange colorant.**

### CONTAINS NONPLANT FOOD INGREDIENT

#### Active Ingredients:

N-(n-butyl) thiophosphoric triamide (“NBPT”)  
Dicyandiamide (“DCD”)

#### Directions For Use:

Caution: Only use Hi-Test™ according to the label directions. Read the entire label and material safety data sheet M(SDS) prior to use. Use of Hi-Test™ treated fertilizer is not recommended applied next to the seed in-furrow.

#### General Information:

Hi-Test™ contains NBPT which stabilizes surface applied nitrogen by inhibiting the activity of the urease enzyme, slowing hydrolysis thus minimizing ammonia volatilization. Hi-Test™ also contains DCD which slows the conversion of ammonium to nitrate by temporarily disrupting the activity of the bacteria Nitrosomonas and Nitrobacter. Hi-Test™ may be used in any soil type and with any crop where best management practices call for the application of nitrogen.

#### Product Application Rates

Suggested Application Rates Per Short Ton of Product

UAN Solution (28-32%N)	2 Quarts (1.89L)
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#### Mixing with Urea Ammonium Nitrate (UAN) Solutions:

1. Follow proper personal protection practices (protective clothing, gloves, goggles, etc.).
2. Fill tank half full with UAN solution and start agitation.
3. Measure correct amount of Hi-Test™ for entire desired volume and add to circulating tank mix.
4. Add remainder of UAN solution.

#### Storage, Handling & Disposal:

Do not store in direct sunlight.  
Do not mix with water as solids will form.  
Freeze Protect - Do not store in temperatures below 20°F (-7°C). Store product in original container.

Do not reuse container.

Do not contaminate water, food or feed by storage or disposal.

Keep packaging closed, securely fastened and upright.

Triple rinse or equivalent and dispose of container in accordance with local, state and federal regulations.

Use in a well-ventilated area.

Prohibit smoking in area of use.

Do not ingest.

Avoid contact with skin and eyes.

Avoid breathing mists or aerosols.

Keep out of reach of children, pets & livestock.

#### First Aid:

Eyes: Flush with water for 30 minutes — seek medical attention.

Hands: Wash with water or soap and water.

Body: Remove clothing (shoes) and wash with water.

Ingestion: seek medical attention at once, do not induce vomiting unless directed, and

keep head below hips if person attempts to vomit.

Inhalation: Move victim to fresh air if safe. Provide breathing support if required. Seek medical attention.

**HMIS Rating: Health:2 Flammability:1 Physical Hazard: 0**

**NFPA 704 Hazard Rating: Health:2 Fire:1 Instability: 0 Other: None**

**WARNING**  
**Eye and Skin Irritant.**  
**May be harmful if ingested.**

**Danger**



#### HAZARD STATEMENTS:

Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May damage fertility. May damage the unborn child.

#### PRECAUTIONARY STATEMENTS:

Do not handle until all safety precautions have been read and understood.

Wear protective gloves/protective clothing/eye protection/face protection.

Avoid breathing gas/mist/vapors/spray.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

IF EXPOSED OR CONCERNED: Get medical advice/attention.

**microSource**

Manufactured by microSource

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**NET CONTENTS:** NET WEIGHT: 2,407.5 lb (1,092.2 kg)  
250 gal (946.35 L) 9.63 lb per gal (1.15 kg per L)

Weight Per Gallon = 9.63 lb and  
Specific Gravity = 1.15 pounds per gallon at 68°F

**Read the material safety data sheet before using this product.**

#### IMPORTANT WARRANTY DISCLAIMER AND NOTICE

READ CAREFULLY BEFORE PURCHASE OR USE OF THIS PRODUCT

The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use or handling of this product. Crop injury, ineffectiveness, or other unintended consequences may result due to such factors as weather conditions, presence or absence of other materials, or the manner of use or application, all of which are beyond the control of microSource, LLC (the “distributor”). All such risks shall be deemed to be assumed by the buyer or any user of this product.

The products sold to you are furnished “as is” by the distributor, and are subject only to the distributor’s warranty that this product conforms to the chemical description on this label. Except as expressly provided herein, the distributor makes no warranties, guarantees, or representations of any kind to buyer or user, either express or implied, or by usage of trade, statutory or otherwise, with regard to this product or the use of this product, including, but not limited to, no warranty of merchantability, or warranty of fitness for a particular purpose is made by distributor, except as expressly stated herein. The distributor makes no warranty regarding the results to be obtained by use of this product or its safety or appropriateness for any particular use. To the extent allowed by law buyer’s or any other user’s exclusive remedy for any and all losses injuries or damages resulting from

the use or handling of this product, whether in contract, warranty, tort, strict liability or otherwise, shall be limited to money damages not exceeding the cost of the product, or to the replacement of the product and the election of the remedy shall be in distributor’s sole discretion. No agent or employee of the distributor, or any seller or other provider of this product is authorized to modify the terms of this label, this disclaimer or make any representations or warranties not expressly included herein.

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