

SOURCE NBPT 20

CONCENTRATED NBPT SOLUTION

Source NBPT 20 is a fertilizer additive for Urea and Urea Ammonium Nitrate (UAN) fertilizers that reduces nitrogen volatility by inhibiting the activity of the urease enzyme.

This product is not recommended for use as a fertilizer substitute.

This product contains a yellow colorant.

Active Ingredient:

N-(n-butyl) thiophosphoric triamide ("NBPT") 20% by weight.

Weight Per Gallon = 9.49 lb and Specific Gravity = 1.14 at 68°F

Directions For Use:

Caution: Only use Source NBPT 20 according to the label directions. Read the entire label and material safety data sheet (SDS) prior to use. Use of Source NBPT 20 treated fertilizer is not recommended applied next to the seed in-furrow.

Application Rates:

Source NBPT 20 is urea specific and contains the active ingredient NBPT. Source NBPT 20 stabilizes surface applied urea and urea ammonium nitrate solution (UAN) by inhibiting the activity of the urease enzyme, slowing hydrolysis thus minimizing ammonia volatilization which leads to nitrogen loss. Source NBPT 20 treated urea and UAN solutions may be used in any soil type and with any crop where best management practices call for the surface application of nitrogen fertilizers.

Product Application Rates

Suggested Application Rates Per Short Ton of Product

| | |
|------------------------|--------------------------|
| Granular Urea | 2-3 Quarts (1.89L-2.81L) |
| UAN SOLUTION (28-32%N) | 1.5 Quarts(1.41L) |

Equipment: Use of an accurate scale/meter to measure product is essential.

Uniform coating can be achieved in a rotary fertilizer blender, paddle mixer, or auger system.

Procedures:

1. Follow proper personal protection practices (protective clothing, gloves, goggles, etc.).
2. Fill mix vessel with desired weight of urea.
3. Measure correct amount of Source NBPT 20 and combine with urea.
4. Allow enough time for urea to have uniform contact with Source NBPT 20.
5. Source NBPT 20 contains a colorant to aid in evaluation of uniform coating.

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 Source NBPT 20 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.

Do not feed urea treated with product to animals.

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**

**KEEP OUT OF
THE REACH OF CHILDREN,
PETS & LIVESTOCK**



Danger

HAZARD STATEMENTS:

Causes skin irritation. Causes serious eye damage. 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, LLC

7632 County Road 101

Shakopee, MN 55379 (952) 445-6570

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.

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NET CONTENTS:
250 gal (946.35 L)

NET WEIGHT: 2,372.5 lb (1,076.15 kg)
9.49 lb per gal (1.14 kg per L)