



**Active Ingredients:** N-(n-butyl) thiophosphoric triamide ("NBPT") 20.0% by weight, contains 50.0% proprietary compound for nitrogen stabilization and volatilization control.

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

**Application Rates:** NitrogenDuo is urea specific and contains the active ingredient NBPT. NitrogenDuo 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. NitrogenDuo 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.

**Equipment:** Use of an accurate scale/meter to measure product is essential. Uniform coating can be achieved in a rotary fertilizer blender, paddle mixer, auger system, or belt application installed by FerMinas.

**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 NitrogenDuo and combine with urea.
4. Allow enough time for urea to have uniform contact with NitrogenDuo.
5. NitrogenDuo 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 NitrogenDuo for entire desired volume and add to circulating tank mix.
4. Add remainder of UAN solution.

**Storage, Handling, and 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 and 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.

**Classification (REGULATION (EC) N° 1272/2008):** Reproductive toxicity - Category 2, H360D. Eye irritation, Serious eye damage, Category 1, H319

NitrogenDuo is a Nitrogen Stabilizer Combo additive for urea-based fertilizers.

- \*Urease inhibitor to reduce volatility
- \*Anti-Dusting
- \*Anti-Caking(up to 6 months)
- \*50% Faster Drying Time

PRODUCT APPLICATION RATES:	
Suggested application rates per short ton of product	
Granular Urea _____	1.5 - 3 Quarts (1.4 L - 2.84 L) UAN
Solution (28-32%N) _____	1 - 2 Quarts (0.95 L - 1.89 L)

Net Contents: 2536 lbs (1150,31 kg)  
Bulk Galons: 250 Gal (946.35L)  
10.26 lbs/Gal (1.23kg/L)



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MANUFACTURER: FERTMINAS SOLUTION FOR FERTILIZER  
ABPM INDÚSTRIA E COMÉRCIO LTDA  
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KEEP OUT OF THE REACH OF CHILDREN, PETS AND LIVESTOCK



DANGER



**Hazard Statements**

Causes serious eye damage. Causes skin irritation. May cause respiratory irritation. May damage fertility or 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 / misting / 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.

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 Cameron Chemicals (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 its 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 the 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. In no event shall the distributor be liable for consequential, incidental, special, indirect or punitive damages resulting from the use, handling, application, storage or disposal of this product. The buyer and any other user of this product expressly waive any right they may have to such damages by their use of the product.