

DANGER



N-SAVE

N I T R O G E N S T A B I L I Z E R

CONTAINS: NON-PLANT FOOD INGREDIENT(S)

Active Ingredients (% by Weight):	
N-(n-butyl) thiophosphoric triamide (NBPT)	26.7%
CAS No. 94317-64-3	
Dicyandiamide (DCD) CAS No. 461-58-5	7.0%

Inactive Ingredients: ethylene glycol, dimethyl sulfoxide, fragrance and non-hazardous dye.	66.3%
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HAZARD STATEMENTS:

Causes serious eye damage. Causes skin irritation. May cause respiratory irritation. Suspected of damaging fertility or the unborn child. May cause damage to organs or organ systems through prolonged or repeated exposure; Kidney.

PRECAUTIONARY STATEMENTS: Do not handle until all safety precautions have been read and understood. Wear protective gloves, protective clothing, eye and face protection. Avoid breathing mist, vapours, sprays or gas.

IF IN EYES: Rinse cautiously with water for several minutes. If present and easy to do, remove contact lenses and continue rinsing eyes. Immediately seek medical attention.

Contains ethylene glycol-hazardous to domestic animals.

IF EXPOSED OR CONCERNED: Get medical advice.

Supplemental label information: Restricted to professional users.
For Chemical Emergency: Call INFOTRAC day or night. USA or Canada: **1-800-535-5053** Outside USA and Canada: **1-352-323-3500**

READ THE SAFETY DATA SHEET BEFOR USING THIS PRODUCT.
Always read and follow label directions.

At 20° C (68° F) the specific gravity = 1.132 (9.42 lbs/gal)

PROTECT FROM FREEEZING
NOT A FERTILIZER SUBSTITUTE

N-SAVE is not to be used in combination with any formulated N-(n-butyl) thiophos-phoric triamide and/or dicyandiamide containing product in any proportion on ureas, fertilizer blends or in any liquid fertilizers without the express written permission of Ag Elements, LLC.

Manufactured by



AG ELEMENTS LLC

9817 Hwy 62/82
Wolfforth, TX 79382

Net Wt: 265 gals (1,003 L)

DIRECTIONS FOR USE

WARNING

Read the entire label before use. Use according to label directions. Read the entire Conditions of Sale and Limitation of Warranty before buying or using this product. Always wear proper personal protection; use Neoprene gloves (Ansell Edmont Neox Number 9-912) or equivalent, long sleeves, long pants, and chemical splash goggles when handling N-SAVE nitrogen stabilizer.

GENERAL INFORMATION

N-SAVE nitrogen stabilizer is a uniquely formulated fertilizer additive for urea and urea ammonium nitrate (UAN) fertilizers. N-SAVE combines two high concentrated actives to lessen all three forms of Nitrogen loss; Volatilization, Leaching and De-nitrification This nitrogen stabilizer is combined with urea or urea containing fertilizers prior to application. The combination, recognized as an enhanced efficiency fertilizer, can be incorporated or applied pre-plant, side-dress or used for surface applications. It helps create an efficient nitrogen source for all crops, turf and forestry.

Protect this product from freezing.

N-SAVE nitrogen stabilizer is not to be combined with any additional formulated Dicyandiamide containing product in any proportion on urea, fertilizer blends, or in liquid fertilizers without the express written permission of Ag Elements, LLC.

USE RATE

N-SAVE nitrogen stabilizer is supplied as a 26.7% active ingredient solution of N-(n-butyl)thiophosphoric triamide (NBPT) and 7% active ingredient solution of Dicyandiamide (DCD).

General rate recommendations are based on average conditions. Rates may be adjusted higher as needed based on the field conditions, including the following:

- 1) Soil pH- Values higher than 7.0 pose risk of higher potential for volatility
- 2) Days of Control Needed: 0.8 inches of rain or irrigation are required to move urea into the soil.
- 3) Residue level-Residues in excess of 30% present higher levels of urease and higher volatility can be expected.

USE RATE PER TONNE FERTILIZER

Urea	3.0 pints per ton
UAN	1.5 pints per ton

UREA APPLICATION

Ensure operators are wearing proper personnel protection and follow Best Practices (see above). Blending area must be well ventilated with large volumes of air exchange. NIOSH/MSHA approved organic/mist respirators may be required if there is insufficient ventilation. Minimize temperature and humidity extremes when blending. Extremes may result in urea particles sticking together creating problems with uniform coverage. Small amounts of drying agents may be used as deemed appropriate for local conditions. The use of such products is based upon the blender's experience with such agents.

Equipment Required

A fertilizer blender or other suitable rotary device is suitable for uniform blending of urea and N-SAVE nitrogen stabilizer. Ensure that all surfaces of the blender that come into contact with materials are clean, dry and rust-free.

Blending Procedure

Accurately weigh all materials in the blend formula. Add urea first to the blender. N-SAVE nitrogen stabilizer should be blended with the urea before introducing any other fertilizer components. Apply nitrogen stabilizer to urea in blender by suitable method and allow sufficient time to produce a uniformly blended product. Dye is added to the product to act as an indicator of uniform blending.

Fertilizer Storage

Treated urea can be stored up to six weeks without significant degradation, but it is recommended to use treated fertilizer as soon as possible. Granular dry urea treated with N-SAVE stabilizer is suitable for longer-term storage in sealed plastic bags. Research shows stabilized fertilizer packaged in sealed bags may be stored up to 9 months between 19°C and 25°C.

UAN APPLICATION

Ensure operators are wearing proper personnel protection (see above).

Blending procedure

Fill the blend unit half full with UAN solution. Add N-SAVE nitrogen stabilizer at the appropriate rate for the entire load and mix. Add the remaining UAN solution and mix thoroughly prior to the addition of any surfactants, pesticides or any other materials.

Compatibility

Perform a jar test with any additional products to evaluate compatibility before mixing. Note that Glyphosate herbicides may cause an increase in the rate of degradation of NBPT. Apply these blends soon after mixing.

UAN Storage

The half-life of N-SAVE nitrogen stabilizer in UAN solutions is dependent upon components used and storage conditions. It is estimated that acceptable performance could be expected up to 10 weeks when stored at 25 degrees C.

HANDLING, STORAGE AND DISPOSAL

Handling

Wear appropriate personal protective equipment. Avoid exposure, the generation and spreading of dust, and the breathing of mist/vapours/spray. Wear eye and face protection. Handle and open container with care. Wash before eating, drinking and/or smoking. Any clothing soiled by the product should be properly laundered before reuse.

Storage

Use care in the handling/storage of this product. Store in tightly closed original container in a well-ventilated place. Store in accordance with local/regional/national/international regulations. Keep away from food, drink and animal feeding stuffs.

Keep out of reach of children.

Protect from freezing! Avoid Contact with water.

HANDLING, STORAGE, AND DISPOSAL (Continued)

Store at temperatures between 0°C and 36°C. Avoid prolonged high temperatures. Long-term storage at temperatures above 36°C, and long-term storage of open containers may cause product to degrade. Store below 36°C and use opened containers within 30 days; carefully reseal all opened containers to avoid moisture. Always use oldest stock first. Conditions for safe storage, including any incompatibles: Keep container tightly closed and in a well-ventilated place. Store in accordance with all applicable local, state, national and international regulations.

Disposal

Dispose according to federal, state, provincial, and local regulations. Dispose of containers after rinsing. Offer empty containers for (i) recycling, (ii) reconditioning, or (iii) dispose in a landfill or by other procedures approved by relevant authorities.

This Product is approved for use in the Forestry market.
Please consult your local Representative.

GENERAL USE PRECAUTIONS NOT A FERTILIZER SUBSTITUTE NOT RECOMMENDED FOR FEED APPLICATION

Observe all precautions on label and read material safety data sheet before use. Do not apply directly to water. Avoid contaminating waterways and sewers during cleaning of equipment, disposal of wastes. Use and disposal of all materials must be in accordance with all applicable provisions of local, provincial and Federal laws and regulations.

INHERENT RISKS OF USE AND LIMITATION OF LIABILITY CONDITIONS OF SALE AND LIMITATION OF WARRANTY

Seller warrants that this product conforms with its specifications and is reasonably fit for the purposes stated on the label when used in accordance with its directions under normal conditions of use. To the extent permitted by applicable law, buyer assumes the risk of any use contrary to such directions. Seller makes no other expressed or implied warranty of fitness or merchantability and no agent or reseller is authorized to do so except by Seller in writing with a specific reference to this warranty. To the extent consistent with applicable law, in no event shall Seller's liability for any breach of warranty exceed the purchase price of the material on which claim is made.