

N-EDGE[®] 2

Nitrogen Stabilizer

GUARANTEED ANALYSIS:

Active Ingredients:

N-(n-butyl) thiophosphoric triamide (NBPT) CAS No. 94317-64-3.....	40.4%
Inert Ingredients.....	59.6%
Dimethyl sulfoxide [DMSO] CAS No. 67-68-5, Benzaldehyde CAS No. 100-52-7, 1,2,3-propanetriol CAS No. 56-81-5	



DANGER

KEEP OUT OF REACH OF CHILDREN

Refer To Material Safety Data Sheet (MSDS) For Important Environmental, Safety and Health Information

DANGER

Harmful if swallowed. Causes skin irritation. Causes serious eye damage. Suspected of damaging fertility or the unborn child. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands, forearms and face thoroughly after handling. Do not eat, drink or smoke when using this product. For specific treatments, see additional precautions.

Personal Protective Equipment: Wear protective gloves, protective clothing, eye protection and face protection.

PRECAUTIONARY STATEMENTS

First Aid:

IF SWALLOWED: Call a doctor or poison control center immediately if ingested.

IF ON SKIN: Take off contaminated clothing and wash skin with plenty of water. Wash clothing before reuse. If skin irritation occurs; seek medical advice/attention.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present, and easy to do, continue rinsing. Immediately call a doctor/Poison Control Center if eye contact has occurred.

N-Edge[®] 2 is an NBPT-based nitrogen stabilizer offered by CHS. NBPT is a proven urease inhibitor that prevents the breakdown of urea-based nitrogen fertilizers resulting in ammonia volatilization.

Compatibility:

Some testing has been conducted to assess compatibility of N-Edge 2 nitrogen stabilizer with certain herbicides and adjuvants. Most agricultural chemicals compatible with UAN solutions are also compatible with this product. However, compatibility tests prior to use are recommended. Glyphosate herbicides may cause an increase in the rate of degradation when tank mixed and should be applied soon after mixing. Do not combine with DCD.

Blending Instructions:

Ensure equipment is calibrated for the use rate associated with tonnage, is appropriately measured:

- **UAN:** agitation is applied to tank that is ½ filled with nitrogen product prior to N-Edge 2 integration into solution. Apply the appropriate rate of N-Edge 2, allow 30 seconds to mix and the remaining UAN. Product can be stored in solution for 10 weeks without degradation.
- **Urea:** Apply the appropriate rate of N-Edge 2 to the blend, allow a minimum of 30 seconds/ton for assured uniformity prior to introducing other fertilizer materials.

Recommended Application Rates:

N-Edge 2 nitrogen stabilizer may be used for any nitrogen consuming crops including row crops, specialty crops, vegetables, fruit, tree crops, sod, turfgrass, forestry, forage, ornamentals and other crops needing nitrogen fertilizer. This product is recommended for surface application of urea and urea containing fertilizers such as pre-plant, pre-emergence, side-dress, top-dress or other post-planting applications. The benefits of N-Edge 2 nitrogen stabilizer as a urease inhibitor are a result of its ability to retard the hydrolysis of urea and control volatilization, preventing ammonia loss while the urea is on the soil surface.

Urea	Use Rate
Surface applied only	2 qt/ton
UAN	Use Rate
28% and 32%	1 qt/ton

ENVIRONMENTAL HAZARD

In the case of a spill, contain spill and maximize recovery.

STORAGE AND DISPOSAL

Storage: Store product in locked area. Store product in a tightly closed container in well-ventilated area. If allowed to freeze, allow product to fully thaw before use.

Disposal: Do not reuse empty container. Triple rinse (or equivalent) after mixing and loading product. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler, visit the ACRC web page at www.acrecycle.org. Decontaminated containers and materials must be disposed of in a manner allowed by local, state, and federal laws and regulations.

IMPORTANT WARRANTY DISCLAIMER AND NOTICE

READ CAREFULLY BEFORE PURCHASE OR USE OF THIS PRODUCT

Conditions of Sale and Warranty Limitation: The directions for use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of CHS Inc. or the seller. CHS Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. To the fullest extent of applicable law, CHS Inc. makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. To the fullest extent of applicable law, in no case shall CHS Inc. or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. CHS Inc. and the seller offer this product, and the Buyer and the User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CHS Inc.

NET CONTENTS: 250 GALLONS

NET WEIGHT: 2,315.00 LBS (1,050.00 KG)

DENSITY OF 9.26 LBS PER GALLON