

# DANGER

## KEEP OUT OF REACH OF CHILDREN

### READ SAFETY DIRECTIONS BEFORE OPENING OR USING



# NITRAIN™

NITROGEN STABILISER

#### Active Ingredients:

**N-(n-butyl) thiophosphoric triamide [NBPT] (CAS No: 94317-64-3) 15 - 40%**  
**Also contains: N-methyl-2-pyrrolidone (CAS No: 872-50-4) 10 - 30%**  
**Propylene glycol (CAS RN 57-55-6) 40 - 70%**



Batch Number:  
DOM:



This product is supplied subject to enclosed disclaimers, inherent risks of use, requirements for permitted uses and Limitation of Liability. If any of these are not acceptable, return unopened package immediately to place of purchase for a full refund of the purchase price. Use of this product otherwise constitutes acceptance of these terms.

## CONTENTS: 1000 LITRES

#### FOR APPLICATION TO GRANULAR UREA

##### Equipment Required:

- An accurate scale to weigh materials.
- A fertiliser blender or other equipment suitable for rolling or blending the urea particles with NITRAIN™ nitrogen stabiliser.

A rotary device that can tumble the urea and allow for uniform contact with the product without spillage is appropriate. Auger and paddle mixers may also be used. Exposed inner surfaces should be clean, dry and rust-free.

##### Procedure:

1. Weigh the urea and transfer into the mixing or blending equipment.
2. Measure the desired quantity of NITRAIN™ nitrogen stabilizer.
3. Apply the product to the urea in the blender. Blend well before introducing other fertiliser materials and allow adequate time (at least 1 minute/tonne) for uniform coverage. A pigment is included in the product to assist in evaluating the uniformity of coverage.
4. Under certain temperature and humidity conditions, urea blended with the product may stick together. Often the addition of other fertiliser materials to the blender, such as phosphate, will eliminate the need to add a drying agent. If the particles remain sticky, add small amounts of finely ground, highly absorbent, free-flowing powders such as attapulgite clays at concentrations as low as 0.25% by weight of the treated urea.

##### Storage After Blending:

Granular dry urea treated with NITRAIN™ nitrogen stabiliser is suitable for long-term storage. Research shows stabilised fertiliser may be stored up to 9 months without compromising effectiveness.

#### FOR MIXING WITH UAN (UREA AMMONIUM NITRATE) SOLUTION

##### Procedure:

1. Fill half the tank with UAN solution.
2. Add the appropriate amount of NITRAIN™ nitrogen stabiliser for the desired concentration to the UAN solution and mix thoroughly by agitation prior to adding pesticides or surfactants.
3. Mix well and then add the remainder of the UAN solution.
4. Use blended UAN solution soon after mixing. Degradation of the active ingredient is known to be impacted by pH and temperature. UAN with a pH greater than 7 can increase the storage time; a pH of less than 7 will result in more rapid degradation of the active ingredient. Other additives to the UAN may also result in a more acidic solution, thus reducing the storage time.

#### NITRAIN™ NITROGEN STABILISER USE RATE

26.7% by weight active ingredient solution

Granular Urea	1.5 Litres/Tonne
UAN solution	1.0 Litre/Tonne

#### COMPATIBILITY

Some testing has been conducted to assess the stability and compatibility of NITRAIN™ nitrogen stabiliser with certain herbicides and adjuvants. Test results show that the rate of the degradation should not preclude the use of this product with most commonly used agricultural herbicides under normal use. 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 with NITRAIN™ nitrogen



#### Distributed by: Nutrien Ag Solutions Limited

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Product Support Tel: 1800 44 88 92

stabiliser. Therefore, such a mix should be applied soon after mixing to avoid a possible reduction in the effectiveness of the active ingredient.

#### HAZARD STATEMENTS

Combustible liquid. Causes skin irritation. Causes serious eye damage. May damage fertility or the unborn child. Suspected of damaging fertility or the unborn child. May cause respiratory irritation.

#### PRECAUTIONARY STATEMENTS

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking. Avoid breathing dust/fume/gas/mist/vapours/spray. Wear protective gloves/protective clothing/eye protection/face protection/hearing protection. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area.

#### FIRST AID

**If Inhaled:** Remove victim to fresh air and keep at rest in a position comfortable for breathing.

**If In Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Immediately call a POISON CENTER/doctor.

**If On Skin:** Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention. IF exposed or concerned: Get medical advice/attention.

#### ADDITIONAL STATEMENTS

In case of fire: Use CO<sub>2</sub>, powder or water spray to extinguish.

#### STORAGE & DISPOSAL

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Dispose of contents/container in accordance with local/regional/national regulations.

#### SAFETY DATA SHEET

For further information, refer to the Safety Data Sheet which is available from the supplier.

**CONDITIONS OF SALE:** Any provisions or rights (under the Competition and Consumer Act 2010 and/or relevant state legislation) which cannot be excluded by those statutes or by law are not intended to be excluded by these Conditions of Sale. Subject to the foregoing, all warranties, conditions, rights and remedies (expressed or implied under common law, statute, or otherwise) in relation to the sale, supply, use and/or application of this product are excluded. This product must be used strictly as directed and in accordance with all instructions appearing on the label and other reference material. To the extent allowed by statute, Loveland Products, Inc. and/or its affiliates shall not accept any liability whatsoever (including consequential loss), howsoever arising (including negligence), for any damage, injury or death connected with the sale, supply, use and/or application of this product.

Additional statements required by Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia: None

**IN A TRANSPORT  
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DIAL 000  
POLICE OR FIRE BRIGADE**

**FOR SPECIALIST ADVICE IN AN  
EMERGENCY DIAL  
1800 033 111  
24 HOURS AUSTRALIA WIDE**