

preserva

Advanced urease inhibitor for treating urea™

TECHNICAL APPLICATION & HANDLING GUIDE

Analysis

- Active Ingredient: N-(n-Butyl)thiophosphoric triamide (NBPT)
- NBPT Concentration: 150g/kg (15.00% w/w)
- Viscosity: 1300c.P +/- 100c.P at 20°C
- Density: 1.205 (1205g/L) +/- 0.1
- Packaging: IBC 1200kg Net weight, 1260kg Gross weight

Benefits

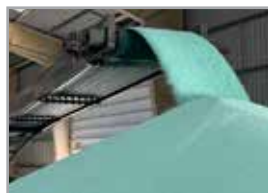
- Reduces ammonia-N loss from urea by 75% for the first 48 hours of application.*
- Reduces urea ammonia-N loss in a 50:50 mix with MAP by over 60% after 90 days of blending.**
- Reduces urea ammonia-N loss in a 50:50 mix with AS by over 48% after 90 days of blending.**
- Solvent-free formulation.
- Ready to use liquid that is easy to measure and apply.
- Odourless

Application Rate Examples

Granular Urea NBPT analysis	300ppm	400ppm	600ppm
NBPT / mt Urea fertiliser	300g	400g	600g
Preserva rate/ mt Urea fertiliser	2.00kg	2.67kg	4.00kg

Directions for Use

- Stir each IBC thoroughly before dosing.
- Apply directly to granular urea using batch or continuous coating systems.
- Dose by mass, not volume.
- Ensure even coating coverage across the urea granule surface.
- Preserva-coated urea does not require curing time before dispatch.
- Store IBC indoors between 0-35°C and protect from direct sunlight.
- Do not heat product unless technically directed and controlled.
- Avoid freezing. If frozen, allow product to thaw gradually before mixing.
- **Refer to Preserva Cleaning & Changeover SOP before switching from solvent-based inhibitor systems. Request Application SOP here**



Available in Pink, Blue, Green and others.....

Preserve More Nitrogen

Preserva™ is a solvent-free urease inhibitor formulated with NBPT to reduce volatilisation losses and improve nitrogen efficiency across urea applications.

Designed for Commercial Fertiliser Systems

- Compatible with batch and continuous coating systems
- Retains effectiveness in phosphate blends
- Suitable for bulk blending and storage environments

Operationally Efficient

- Solvent-free formulation
- Easy to handle and apply
- No solvent flushing required during changeover

Proven Blend Performance

Preserva maintains inhibitor performance across blending, storage and application conditions.

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While Southstar has taken all reasonable care in the preparation of this technical sheet, the information is a guide only and should not be relied upon as a substitute for you seeking professional advice in relation to the use of Southstar products.

*Results from March 2021 Lincoln University Ammonia Volatilisation trial **Results from May 2023 Lincoln University Ammonia Volatilisation trial

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