

## 50% UREA SOLUTION

### Chemical & Physical Properties

Chemical Formula	CO(NH <sub>2</sub> ) <sub>2</sub>
CAS Number	57-13-6
Specific Gravity @ 68°F (17.8°C)	1.140
Salt-Out Temp	62°F (20.0°C)
Color	Colorless
Odor	Slight acrid odor
Weight per Gallon	9.51 lbs./gal
pH	6.5 - 8.5

### Typical Analysis

Total Nitrogen (N)	23.0%
23.0% Urea Nitrogen	
Biuret, wt %	< 0.25%
Chloride	< 10 ppm



### Description

50% Urea Solution, CO(NH<sub>2</sub>)<sub>2</sub>, is a clear aqueous solution of urea. This product can be used as a source of Nitrogen (N) for a variety of cropping systems and as a liquid feed supplement for ruminant animals. It's primary advantages over conventional granular urea are labor savings and lower biuret content. In industrial settings, this product is also utilized in emission control systems, textile processing and coatings, and in plywood and coreboard adhesives.

### Availability

50% Urea Solution is available for shipment via:

- Bulk Tanker: 48,000 lbs.
- 275 Gallon IBC: 3,000 lbs.
- 55 Gallon Drum: 600 lbs.

The data presented herein are believed to be accurate but are in no way guaranteed. TradeMark Nitrogen Corp. makes no warranties, express or implied, that any of the above data is fit for any particular use and expressly disclaims all oral warranties of any kind.



#### TradeMark Nitrogen Corp.

1216 Old Hopewell Road  
Tampa, Florida 33619 USA  
www.trademarknitrogen.com  
800 452 3107  
813 626 1181