

## MAG-17

### Description

MAG-17 is a clear solution comprised of two essential nutrients, Nitrogen (N) and Magnesium (Mg). This unique product can be utilized to provide three highly available sources of Nitrogen: Ammoniacal Nitrogen, Nitrate Nitrogen and Urea Nitrogen. It can also be used to supplement your crops nutritional program by providing an adequate supply of Magnesium, which can be utilized to improve both yields and plant quality.

### Handling & Storage

- MAG-17 is compatible with many liquid fertilizers, micronutrients, pesticides, and water. Always conduct a jar test with new tank mixes to verify compatibility.
- Store in a cool place out of direct sunlight. Location should be inaccessible to children, pets, domestic animals and/or wildlife.

### Functions of Nitrogen in Plants

- Primary building block for amino acids, protein and plant protoplasm
- Critical for flower differentiation, rapid shoot growth, bud vigor and fruit se
- Increases size and quality of fruit
- Acts as a catalyst for other nutrients

### Function of Magnesium in Plants

- Essential part of chlorophyll.
- Necessary for sugar formulation.
- Regulates uptake of other plant nutrients.
- Active in the translocation of starches.
- Acts as a carrier of phosphorus in the plant.

### Shipping

- MAG-17 is not classified as a hazardous material by the US Department of Transportation.

### Chemical & Physical Properties

Chemical Formula	N/A
CAS Number	Please refer to SDS.
Molecular Weight	N/A
Specific Gravity @ 60°F (15°C)	1.37
pH	5.5 – 6.5
Salt-Out Temperature	27°F (-2.75°C)
Color	Colorless
Odor	Odorless
Weight per Gallon	11.45 lbs/gal (1.37 kg/L)
Gallons per ton	174.67 (0.73 l/Kg)

### Typical Analysis

Total Nitrogen (N)	17.0%
4.2% Ammoniacal Nitrogen	
8.9% Nitrate Nitrogen	
3.9% Urea Nitrogen	
Magnesium (Mg)	4.0%

\*Plant Nutrients derived from Ammonium Nitrate, Urea and Magnesium Nitrate.

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.

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#### TradeMark Nitrogen Corp.

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