

# Technical Bulletin

## Platinum Magnesium EDTA 6%

### Introduction

Platinum Magnesium EDTA 6% is intended for use as a plant nutrient supplement to correct magnesium deficiencies.

Platinum Magnesium EDTA 6% can be used for hydroponics, soil fertigation and foliar applications. It is compatible with a wide range of fertilizer materials, herbicides, fungicides, and other pesticides.

Platinum Magnesium EDTA 6% is well suited for use in greenhouses using soil and soil-less media. The chelating agent should be chosen carefully based on the pH stability of the growing system. This product has optimum stability and is stable in the pH range of 4 to 9.

### Benefits

- Ease of use and in the form of a soluble micro granule.
- Greater versatility in any application system without blocking the drip tape or emitters.
- Optimum stability.
- Greater efficiency and compatibility.

### Recommended Crops

**Berries:** blueberry, strawberry

**Nut Crops:** pecans, walnuts and other nut crops

**Grain and Other crops:** canola, corn, cotton, edible beans, rice, sorghum, soybeans, wheat

**Vegetables:** broccoli, cabbage, cauliflower, carrots, celery, lettuce, melons, onions, peppers, potatoes, tomatoes

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**Tree and Fruit Crops:** avocados, cherries, citrus, grapes, peaches, plum and other tree fruits

**Commercial Nursery, Ornamental Crops, and Turf**

### Use Rates and Timing

Platinum Magnesium EDTA 6% may be used with pivot, sprinkler, overhead, drip, and solid set irrigation. For the best results, apply within 2 weeks of planting and before flowering using 0.5 to 2 pounds per acre or the dosage rates and timing as recommended for each crop. A maintenance application for strawberries is 0.5 to 1 pound per 100 plants.

Platinum Magnesium EDTA 6% may be mixed with most liquid fertilizers or pesticides before injection into the irrigation water. Use a back-flow check valve to prevent the material from getting in the water supply.



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### Precautions

Avoid extreme temperatures. Keep in the original packing. Keep the product in a dry place. When mixing, use tanks made of stainless steel, fiberglass, polyethylene, or other plastic materials.

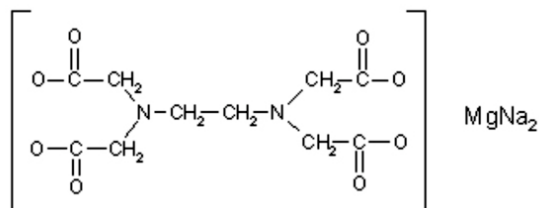
### Contents

#### GUARANTEED ANALYSIS

#### 7-0-0

Total Nitrogen.....	7.0%
7.0% other water soluble nitrogen	
Magnesium (Mg).....	6.0%
6.0% chelated magnesium	
Arsenic (As).....	<0.003%
Cadmium (Cd).....	<0.002%
Lead (Pb).....	<0.001%
Derived from magnesium EDTA.	

### Technical Specifications



<b>Product class</b>	fertilizer
<b>Common name</b>	ethylenediamine-tetraacetic acid disodium magnesium
<b>CAS number</b>	14402-88-1
<b>Formula</b>	EDTA-MgNa <sub>2</sub>
<b>Molecular weight</b>	358.5
<b>Appearance</b>	white micro granule
<b>Bulk density (loose)</b>	0.8g/ml
<b>pH (1% solution @25°C)</b>	6.5
<b>Solubility (g/100ml) 20°C</b>	90
<b>Packaging</b>	10 lb boxes 96 boxes per pallet

**This bulletin provides some technical information and is not intended to give complete information for all applications. Always read and follow label directions.**

Platinum Magnesium EDTA 6% is distributed for RSA MicroTech, LLC.

