



#### Guaranteed Analysis:

Magnesium (Mg) ..... 5%

Derived from: Magnesium Acetate

#### Product Properties:

Analysis: ..... 0-0-0-5Mg

Weight: ..... 10.18 lbs. per gallon

pH: ..... 4.9-5.5

Appearance: ..... Yellow Colour

Odour: ..... Slightly acidic odour

#### General Product Information:

NACHURS Microzone Mg is a secondary nutrient intended for use in a complete crop nutritional program where a soil and/or plant tissue analysis has indicated a magnesium deficiency. If unfamiliar with its use, perform a jar test by mixing in the same ratio as to be field applied. NACHURS Microzone Mg will not blend directly with products containing phosphorous.

**First Aid:** Please see the SDS sheet for more information

**KEEP OUT OF THE REACH OF CHILDREN.**

SELLER WARRANTS THAT THE ABOVE PRODUCT CONFORMS TO ITS CHEMICAL DESCRIPTION AND IS REASONABLY FIT FOR THE PURPOSE ON THE LABEL WHEN USED IN ACCORDANCE WITH DIRECTIONS UNDER NORMAL CONDITIONS OF USE (INCLUDING NORMAL WEATHER CONDITIONS). NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXPRESS OR IMPLIED, EXTENDS TO THE USE OF THIS PRODUCT WHEN USED CONTRARY TO THE LABEL INSTRUCTIONS OR UNDER ABNORMAL CONDITIONS (INCLUDING ABNORMAL WEATHER CONDITIONS), AND THE BUYER ASSUMES THE RISK OF ANY SUCH USE. ALPINE STARTER OR FOLIAR APPLICATIONS ARE INTENDED TO SUPPLEMENT EXISTING SOIL FERTILITY PROGRAMS AND WILL NOT BY ITSELF PROVIDE ALL THE NUTRIENTS NORMALLY REQUIRED BY AGRICULTURAL CROPS.

\*These are general product recommendations. Please consult with your authorized NACHURS DEALER OR NACHURS DISTRICT SALES MANAGER for specific fertility recommendations.

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# NACHURS Microzone Mg<sup>®</sup>

Premium liquid magnesium

#### Application Rates:

Use 0.13-0.53 gal/ac either in-furrow or as a foliar spray.

Optimum rate of application will vary between fields, depending on soil pH and organic matter content. Product should be used on the basis of soil and/or tissue analysis.

Maximum of 0.53 gal/ac of any combination of micronutrients when mixed with a seed placed starter fertilizer.

#### General Mixing Instructions:

1. Put 1/3 of carrier fertilizer or water in tank
2. Add correct amount of NACHURS Microzone Mg
3. Fill with balance of carrier fertilizer or water
4. Agitate adequately to mix

**CAUTION:** Check compatibility with standard jar test.

#### The Role Of Magnesium:

- Is the central element of the chlorophyll molecule
- Involved with sugar synthesis and starch translocation
- Carries phosphorus in the plant
- Forms part of many enzymes

#### Magnesium Soil Availability:

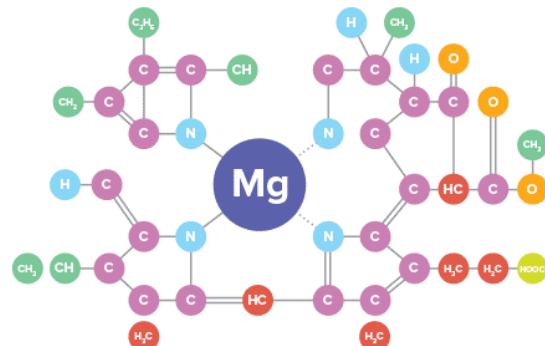
- Low soil temperatures and low pH reduce availability

#### Magnesium in the Leaf:

- Sufficiency tissue test ranges in ppm
  - Canola: 0.40-0.50
  - Small grains: 0.20-0.40
  - Peas: 0.35-0.80
  - Corn at tasseling: 0.20-0.50
  - Soybeans: 0.25-0.60

#### Deficiencies Symptoms:

- Interveinal chlorosis of older leaves



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