

## PRINCIPAL FUNCTIONAL AGENTS

### NONPLANT FOOD INGREDIENTS

#### ACTIVE INGREDIENTS:

Polyethylene – polypropylene Glycol – Block Copolymer.....	80%
Alcohol Ethoxylates .....	4%

#### INERT INGREDIENTS:

Water .....	16%
TOTAL .....	100%

## KEEP OUT OF REACH OF CHILDREN

### WARNING

### PRECAUTIONARY STATEMENTS

Causes eye irritation. If medical advice is needed, have product container or label at hand. Read label before use. Wash protective equipment and work clothes thoroughly after handling. Specific treatment is given in the First Aid section on this label or on the SDS.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)



Applicators or handlers of this product must wear long-sleeved shirt, long pants, socks, shoes, barrier laminate, neoprene rubber, nitrile rubber or Viton® gloves and chemical safety glasses. Consult the SDS for further information.

### FIRST AID

**If Swallowed:** Call a POISON CENTER/doctor or Chemtrec if person feels unwell. Rinse mouth. Have a person sip a glass of water if able to swallow. Do NOT induce vomiting, unless told to by a poison control center or doctor. Do not give anything to an unconscious person.

**If Inhaled:** Move person to fresh air. If person is having difficulty breathing, give oxygen. If not breathing, give artificial respiration. Call a POISON CENTER/doctor or Chemtrec if person feels unwell.

**If In Eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

**If On Skin:** Wash affected area with plenty of soap and water. Use tepid water if available. If skin irritation occurs: Get medical advice or attention. Treat symptomatically. Take off contaminated clothing and wash it before reuse.

### GENERAL INFORMATION

MAGNAPLEX is a combination of surfactants designed to increase volumetric water content and improve water infiltration. MAGNAPLEX may be included in pest control programs with plant protectants.

MAGNAPLEX IS DESIGNED FOR USE ON GOLF COURSES, ATHLETIC FIELDS AND RESIDENTIAL OR COMMERCIAL TURF, UNDER THE SUPERVISION OF GOLF COURSE SUPERINTENDENTS, SPORTS TURF MANAGERS OR PROFESSIONAL LANDSCAPE CONTRACTORS.

### DIRECTIONS FOR USE

Always mix and apply MAGNAPLEX in accordance with label instructions. Follow the application and mixing guidelines below.

### APPLICATION TECHNIQUES

Apply MAGNAPLEX prior to the onset of turf stress or conditions that promote soil hydrophobicity, to achieve the best results. MAGNAPLEX does not require irrigation after application. Watering after the application will improve results by moving the product through any thatch/mat layer

into the root zone. In situations where tank mix partners achieve maximum efficacy by remaining on the leaf blade, irrigation should be delayed as specified on the tank mix partner's label. During periods of high temperature, all soil surfactants should be watered in to increase performance and safety.

### USE RATES

**SPRAY APPLICATION:** Apply MAGNAPLEX at the rate of 5 ounces (148 ml) in a minimum of 1 gallon (3.79 L) of water per 1,000 square feet (92.9 m<sup>2</sup>) of turfgrass.

Apply MAGNAPLEX at the rate of 220 ounces (6.51 L) in a minimum of 44 gallons (167 L) of water per acre (0.40 ha) of turfgrass.

**INJECTION:** Apply 32 ounces (946 ml) in a water volume sufficient to treat one acre (.40 ha). Monitor results to determine levels of water infiltration and plant stress and adjust rate until the desired level of performance is achieved.

### APPLICATION INTERVAL

MAGNAPLEX should be applied every 30 days or when localized dry spot or water-repellent soils become evident.

### MIXING INSTRUCTIONS

In the absence of specific mixing instructions found on the pesticide label, fill the spray tank with at least 50% of the desired finished carrier volume. When premixing in a mixing vessel or inductor, fill with at least 20% of the desired finished carrier volume. While the carrier is agitating, add tank mix ingredients in the following order:

1. Compatibility agent and/or antifoam, if needed
2. AMS, dry formulations (WP, DF, WDG, SP), and dry drift retardants
3. Dry soluble and suspension fertilizers / micronutrients
4. Liquid drift retardants and flowable formulations (F & FL)
5. Liquid concentrates, suspension and microencapsulated (LC, SC, ME)
6. Emulsifiable concentrates (E, EL or EC)
7. Solutions and soluble liquids (S or SL)
8. Liquid micronutrients and fertilizers
9. Water conditioners and other adjuvants (COC, HSOC, MSO, NIS)
10. Finish filling to desired spray volume level and continue agitation

### STORAGE AND DISPOSAL

Protect product from freezing. If product freezes, warm to room temperature before use. Store in original container only and do not reuse empty container. Triple rinse (or equivalent) during mixing and loading. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler visit the ACRC web page at [www.acrecycle.org](http://www.acrecycle.org). Decontaminated containers and materials must be disposed of in a manner allowed by local, state and federal laws and regulations.



**WARNING:** This product can expose you to chemicals including ethylene oxide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### CONDITIONS OF SALE

Note: Read the information contained herein before buying or using this product. If the stated terms are not acceptable, return the product at once, unopened. It is critical that this product be used and mixed only as specified on this label. Neither the manufacturer nor the seller makes any representation or warranty, expressed or implied, with respect to the results from the use of this material. Buyer and user assume all risks of use and/or handling. Precision Laboratories, LLC warrants that this material is reasonably fit for use as specified on this label. No agent or representative is authorized to make any other representations concerning this material. Unforeseen factors beyond Precision's control prevent elimination of risks in connection with the use of its chemicals. Such risks include, but are not limited to, damage to plants and/or crops to which the material is applied, or lack of complete control and damage caused by drift to other plants or crops. Such risks may occur even though the product is reasonably fit for use as stated herein and even though label directions are followed. Follow directions carefully. Timing, mixture, method of application, weather and other conditions are influencing factors in the use of this product and are beyond the control of the seller. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of the company or any other seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved.

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