

# ION™

## WATER CONDITIONER PLUS SURFACTANT

### PRINCIPAL FUNCTIONING AGENTS:

Monocarbamide dihydrogen sulfate .....	96%
Surfactants .....	4%
TOTAL .....	100%

All ingredients are approved for use under CFR 40, 180.1001 (c)

### KEEP OUT OF REACH OF CHILDREN.

**DANGER: CORROSIVE.** CAUSES EYE BURNS. CAUSES SKIN IRRITATION. HARMFUL IF SWALLOWED.

### PRECAUTIONARY STATEMENTS

Before using this product, read the entire label, including the conditions of sale. **CORROSIVE:** May cause eye, skin and respiratory irritation. May cause allergic skin reactions. May cause severe burns. Do not get in eyes, on skin, or on clothing.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators or other handlers of this chemical must wear: Safety goggles with full-face shield, impermeable gloves, a chemical resistant suit or apron and rubber boots. Do not breathe vapors or spray mist. If working in an area that is not well ventilated, wear suitable respiratory equipment. Harmful if swallowed. Consult the MSDS for further information.

### STATEMENT OF PRACTICAL TREATMENT

- If Swallowed:** **DO NOT INDUCE VOMITING. CORROSIVE MATERIAL. ACID BURNS.** If person has any breathing difficulties, call for emergency help immediately. If person is conscious and alert, immediately rinse mouth with water and dilute the ingested material by giving one glass of milk or water to drink; 1/2 glass to children under 5. Immediately call a physician or poison center for assistance. If possible, do not leave person unattended. Consult the MSDS for more information.
- If Inhaled:** Immediately move person away from exposure and into fresh air. If respiratory symptoms and other symptoms persist, seek immediately medical attention. If person is not breathing, clear airway and immediately begin artificial respiration. If breathing difficulties develop, qualified personnel should administer oxygen. Seek immediate medical attention.
- If In Eyes:** Immediately move person away from exposure and into fresh air. If irritation or redness develops, flush eyes with clean water and seek immediate medical attention. For direct contact, immediately hold eyelids apart and flush the affected eye(s) with clean water for at least 30 minutes. Seek immediate medical attention.
- If On Skin:** Immediately remove contaminated shoes, clothing and constrictive jewelry and flush affected area(s) with large amount of water. If skin surface is damaged, apply a clean dressing and seek immediate medical attention. If skin surface is not damaged, cleanse the affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops, seek immediate medical attention.

### GENERAL INFORMATION

ION™ is an excellent conditioner for irrigation water. Containing a unique combination of monocarbamide dihydrogen sulfate and a blend of copolymers and penetrants proven in the turf industry, ION™ reduces bicarbonates to deter alkalinity and improves soil structure and water infiltration, resulting in deeper more thorough irrigations. It also solubilizes micronutrients that are unavailable to the plant due to high soil pH, making them available to turf and ornamentals.

FOR USE AS AN IRRIGATION INJECTABLE ON TURF AND ORNAMENTALS.

### DIRECTIONS FOR USE

Always apply this product in accordance with the instructions found on this label.

### APPLICATION RATES

Always apply ION™ using equipment that monitors the pH of the irrigation water and injects the amount of ION™ needed to attain the desired pH.

The calculations and usage requirements are for estimates only. To determine exact needs a titration of the irrigation water should be performed by a qualified laboratory. In general, if the pH of the irrigation water is at or near 7.0, inject 36 gallons of ION™ per 1,000,000 gallons of water to reduce the pH to 6.5 and bicarbonates by 60%. If pH is at or near 7.5, inject 80 gallons of ION™ per 1,000,000 gallons of water. If the pH of the irrigation water is greater than 7.5, contact Precision Laboratories to determine the appropriate injection rate of ION™. If the pH of the irrigation water is lower than 6.5, no ION™ is needed.

### STORAGE AND DISPOSAL

Keep container closed tightly when not in use. Prevent water from being introduced to the contents of this container. Do not reuse empty container. Do not store near heat or open flame. This product is corrosive. Check MSDS for additional information regarding storage. Rinse container thoroughly, disposing of rinsate and the container in accordance with federal, state and local regulations.

### CONDITIONS OF SALE

Read the information contained herein before buying or using this product. If the stated terms are unacceptable, 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, Inc. 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 hereon 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 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 product involved.

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