



HYDRATION



# REVOLUTION®

- ✓ ENSURES EFFICIENT WATER USAGE
- ✓ IMPROVES ROOTZONE MOISTURE DISTRIBUTION
- ✓ MAXIMIZES TURF QUALITY UNDER STRESSFUL CONDITIONS

## CONTAINS BENEFICIAL SUBSTANCES:

### Soil Amending Guaranteed Analysis:

Active Ingredient 100.0% .....Modified Alkylated Polyol

### KEEP OUT OF REACH OF CHILDREN

Read entire label for additional precautionary statements.  
FOR PROFESSIONAL OR INDUSTRIAL USE ONLY.

### NOT RECOMMENDED FOR USE AS A FERTILIZER SUBSTITUTE

NOT A PLANT FOOD INGREDIENT.

US Patent No. 7399730

European Patent No. 1740043

Australian Patent No. 2005231468

FOR EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT CONTACT: CHEMTREC 800-424-9300 within the United States and Canada, or 703-527-3887 for international collect calls.

### NET CONTENTS: 2.5 GALLONS (9.5 L)

Net Weight: 21.44 lb (9.72 Kg)

Density at 68°F = 8.579 lb/gal



**Revolution®** is a patented surfactant chemistry specifically designed for optimization of rootzone moisture and maintenance of fine turf performance. Revolution is recommended for use on fine turfgrasses such as those found on golf courses, athletic fields, and other highly maintained areas. Revolution will improve rootzone moisture distribution, particularly under stress conditions as a result of high evaporative demand. Revolution will ensure efficient water use and maximize turf quality under stress conditions.

## General Use Guidelines

<b>INITIAL APPLICATION:</b>	Revolution should be used as part of an ongoing management program beginning prior to and continuing through stress periods. <b>IMPORTANT:</b> Begin applications at least one month prior to the onset of stress conditions. Under high stress situations, such as presence of localized dry spot (LDS), above average growing degree days (GDD), and/or low rainfall, an application of <b>Aqueduct®</b> should be applied 7 days prior to the first application of Revolution.
<b>WATERING IN:</b>	Revolution is safe for turfgrass and does not need to be watered in immediately after application. However, since Revolution's area of activity includes both the thatch/mat layer and the soil, it must be watered in sufficiently to deliver Revolution to a depth of at least four inches. This requires about $\frac{1}{2}$ inch of water on high sand rootzones or other soils with a sand top-dressing layer of four inches or more. On non-sand soils or "push-up" greens with less than a four inch sand topdressing layer, apply up to $\frac{1}{2}$ inch of water. Revolution should be watered in thoroughly the evening following application. <b>Special Watering In Statement:</b> When turf managers are unable to apply enough moisture to adequately move Revolution into the rootzone as indicated above, please see DIRECTIONS FOR USE BELOW.
<b>Directions for Use</b>	
<b>WHAT IT DOES:</b>	Revolution is a patented surfactant chemistry specifically designed for optimization of rootzone moisture and maintenance of fine turf performance.
<b>WHERE &amp; WHEN TO USE:</b>	Revolution is recommended for use on fine turfgrasses such as those found on golf courses, athletic fields, and other highly maintained areas. Revolution may be safely applied at any time during the growing season.
<b>APPLICATION RATES AND FREQUENCY OPTIONS*:</b>	<p><b>STANDARD PROGRAM:</b> Golf Greens, Fairways, Tees &amp; Other Fine Turf Surfaces: Apply 6 fl oz/1000 ft<sup>2</sup> of Revolution in 2 gallons of water (185 ml/100m<sup>2</sup> in 8 L of water) every month.</p> <p><b>SPLIT APPLICATION PROGRAM:</b> Turf managers may also apply Revolution in split application timings at 3 fl oz/1000 ft<sup>2</sup> every 14 days or 4.5 fl oz/1000 ft<sup>2</sup> every 21 days.</p> <p><b>IMPORTANT:</b> Begin applications at least one month prior to the onset of stress conditions. <b>For Best Results:</b> Follow watering in use guidelines above. <b>Special Watering In Statement:</b> In situations where adequate irrigation cannot be applied, <b>Sixteen90</b> can be added at 2 fl oz/1000 ft<sup>2</sup> to the tank mix of Revolution in order to improve penetration of Revolution. This combination is used where turf managers are unable to provide adequate irrigation to drive Revolution into the soil profile due to ponding or puddling.</p> <p>Variables which impact performance and program application can be: soil type, presence of localized dry spot, quality of irrigation water, growing degree days, and rainfall levels.</p>
<b>TANK MIXING:</b>	Revolution can be safely applied in a tank mix with a range of commonly used turf chemicals and fertilizers at rates not exceeding 6 fl oz/1000 ft <sup>2</sup> per month. Turf managers may also select tank mixtures with other Aquatrols surfactants to achieve the desired turf conditions. <b>NOTE:</b> Tank mix combinations containing Revolution have not been tested on all varieties of every turfgrass species or under all possible growing conditions. If user is unfamiliar with the performance of Revolution in tank mixes under user's growing conditions, a limited area of turfgrass should be tested prior to large-scale application. The user should always exercise reasonable judgment and caution when using this and all other turf products. When turf managers are selecting a new tank mix combination with Revolution, Aquatrols recommends a jar test be conducted to determine compatibility prior to large volume tank mixing.

## Precautionary Statements/First Aid Measures in Case of Contact

### Precautionary Statements

- Caution: May cause irritation. Do not get in eyes.
- Avoid breathing vapors or mists.
- Avoid using product in a manner as to directly, or through drift, expose workers or other persons.
- Always consult the safety data sheet for specific instructions.
- Applicators and other handlers must wear goggles or a facial splash shield; chemical resistant gloves, such as nitrile rubber  $\geq$  14 mils or neoprene rubber  $\geq$  14 mils; coveralls or long sleeve shirt and long pants; shoes plus socks.
- Keep out of reach of children.

### First aid measures in case of contact

- Eye:** do not rub eyes. Immediately flush eyes with large amounts of water for 15 minutes lifting the lower and upper lids. Seek medical attention if necessary.
- Skin:** Remove contaminated clothing and immediately wash affected area with large amounts of water for at least 5 minutes. If irritation or redness persists, seek medical attention as needed.
- Ingestion:** Give large amounts of water to drink. Seek medical attention if necessary. Induce vomiting only upon advice from a physician.
- Inhalation:** Move individual to fresh air and check to ensure adequate respiration. Seek medical attention if necessary.

Applicators and other handlers should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove protective clothing and equipment after handling. Wash the outside of gloves before removing. Wash thoroughly and change into clean clothing. For technical information and Safety Data Sheet (SDS), contact Aquatrols at 1-800-257-7797 or visit our website at [www.aquatrolscompany.com](http://www.aquatrolscompany.com). For more detailed information call 1-800-257-7797.

## Storage and Disposal

- Keep container tightly closed. Store in original container only. Keep in a secure and locked storage area. Do not add water to the contents of this container.
- Triple rinse container and empty rinse water into spray or stock tank. Dispose of empty containers in accordance with federal, state and local law.



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\*Recommendations assume **season long** program applications.

## Condition of Sale - Limited Warranty and Limitations of Liability and Remedies

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If the terms are not acceptable, do not use the product and instead, return the unopened product container immediately. By using this product, you accept the following Conditions, Disclaimer of Warranties and Limitation of Liability. For technical information, contact Aquatrols Corporation at 800-257-7797. Information regarding the contents and levels of metals in this product is available on the internet at [www.aapfco.org/metals.html](http://www.aapfco.org/metals.html). **CONDITIONS:** The directions for use on this label are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Insufficient performance or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions, the failure to follow the label directions or good application practices, all of which are beyond the control of Aquatrols Corporation. In addition, failure to follow label directions may cause poor performance, injury to crop, animals, human, or the environment. You assumed all such risks by using this product. **DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, AQUATROLS CORPORATION MAKES NO OTHER WARRANTIES OR REPRESENTATIONS OF ANY KIND, EXPRESSED OR IMPLIED, CONCERNING THE PRODUCT, INCLUDING NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THE LABEL AND NO SUCH WARRANTY SHALL BE IMPLIED BY LAW. No agent of Aquatrols Corporation is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, Aquatrols Corporation disclaims and any and all claims are waived any liability whatsoever for special, incidental or consequential damages or expense of any nature, including, but not limited to, loss of profit or income, resulting from the use or handling of this product. **LIMITATION OF LIABILITY:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, the remedy for any losses or cause of action relating to injuries, damages or the handling or use of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or, at Aquatrols Corporation's election, the replacement of the product. Aquatrols shall not be liable and any and all claims against Aquatrols are waived for special, indirect, incidental or consequential damages or expense of any nature, including, but not limited to, loss of profit or income.