



- ✓ **IMPROVES WATER PENETRATION**
- ✓ **PROVEN PROTECTION AGAINST WATER REPELLENCY FOR UP TO 3 MONTHS**

CONTAINS BENEFICIAL SUBSTANCES:

Soil Amending Guaranteed Analysis:

Active Ingredient	99.5%	Propoxylated Polyethylene Glycols
Inert Ingredient:	0.5%	Water

NOT RECOMMENDED FOR USE AS A FERTILIZER SUBSTITUTE

NOT A PLANT FOOD INGREDIENT.

KEEP OUT OF REACH OF CHILDREN

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

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: 21.6 lb (9.79 Kg)
Density at 68°F = 8.637 lb/gal



Aquatrols® Sixteen90 is an economical soil surfactant that improves water penetration and reduces hydrophobicity. It can be used at various rates, depending on the duration of effect required by the applicator. Sixteen90 is easily applied with conventional spray equipment.

General Use Guidelines

INITIAL APPLICATION:	IMPORTANT: 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 Aqueduct® should be applied 7 days prior to the first application of Sixteen90.
Directions for Use	
WHAT IT DOES:	Sixteen90 improves water penetration and provides protection against water repellency issues for up to 3 months.
WHERE & WHEN TO USE:	Sixteen90 is recommended for use on turfgrasses such as those found on golf courses, athletic fields and in lawn and landscape situations to enhance turf quality and the efficient use of water, labor and other inputs. Sixteen90 may be safely applied at any time during the growing season.
TANK MIXING:	Sixteen90 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 ² . When turf managers are selecting a new tank mix combination with Sixteen90, Aquatrols® recommends a jar test be conducted to determine compatibility prior to large volume tank mixing.



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Application Rates

Rate	Application Frequency				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.
	90 Day *	90 Day Split * Repeat application in two weeks	30 Day **	14 Day **	
Per 1000 ft ²	16 oz	8 oz	4-6 oz	2-4 oz	* For best results, apply at least ½ inch (7.5 mm) of irrigation after application. If runoff or puddling occur, water in using cycle/soak runs until ½ inch (7.5 mm) is achieved. Irrigate before next mowing. Sixteen90 is exceptionally safe when applied as directed and does not produce any initial decline in turf quality. For control beyond 3 months, a subsequent application of 8 fl oz/1000 ft² (240 ml/100 m²) in 2 gallons (8 L) of water may be required for extended performance through the fall period.
Per 100 m ²	480 mL	240 mL	120-180 mL	60-120 mL	
Per Acre (approx)	5.8 gal	2.9 gal	1.45-2.2 gal	0.73-1.45 gal	
Water Vol. Per 1000 ft ²	5 gal	2.5 gal	2 gal	2 gal	**For best results, apply syringe irrigation after application. Irrigate before next mowing.

Additional Uses of Sixteen90

LEACHING SALTS: To leach salts out of the rootzone, a necessary component is thorough and uniform water movement through the rootzone and down to the drain lines. Sixteen90 can aid in this quick penetration and wetting of the rootzone to ensure that water penetrates and wets the soil thoroughly to carry salts away. Sixteen90 is also safe to use with salt management products, and when coupled with applying a proper leaching fraction, ensures a successful program for salt removal. Use Sixteen90 at 2 fl oz/1000 ft² along with other products you may be using to manage salts, and then the leaching fraction should be applied.

IMPROVING PENETRATION OF AQUATROLS REVOLUTION®: In situations where adequate irrigation cannot be applied, due to limited irrigation system coverage Sixteen90 can be added at 2 fl oz/1000 ft² to the tank mix of Aquatrols 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.

Precautionary Statements/First Aid Measures in Case of Contact

Precautionary Statements

- 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 ≥ 14 mils or neoprene rubber ≥ 14 mils; coveralls or long sleeved 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. 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.aquatrols.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.

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

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.

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