



Blended Non-ionic Media Surfactant
Guaranteed Minimum Analysis
99.0%.....Alkoxylated Polyols
1.0%.....Inert Ingredients

NOT A PLANT FOOD INGREDIENT



In case of emergency or spill contact: CHEMTREC at 800-424-9300 within the United States or International 703-527-3887 (call collect).

Lot No: Liquid Formulation



1273 Imperial Way, Paulsboro, NJ 08066
800-257-7797 • 856-537-6003 • Fax: 856-537-6018
www.aquatrols.com

Contents:	
US Volume	US Weight
□ 1 gal	8.6 lbs
□ 4 x 1 gal	34.4 lbs
□ 2.5 gal	21.6 lbs
□ 2 x 2.5 gal	43.2 lbs
□ 30 gal	258.9 lbs
□ 55 gal	474.7 lbs
□ 260 gal	2243.8 lbs

Metric Volume	Metric Weight
□ 3.8 L	3.9 kg
□ 4 x 3.8 L	15.6 kg
□ 10 L	10.3 kg
□ 2 x 10 L	20.6 kg
□ 115 L	118.5 kg
□ 210 L	216.3 kg
□ 1000 L	1030 kg

NJTSRN26934800000-5034

05/05

KEEP OUT OF REACH OF CHILDREN
CAUTION
Read entire label for additional precautionary statements
FOR PROFESSIONAL OR INDUSTRIAL USE ONLY

GENERAL INFORMATION

PsiMATRIC™ is a blend of surfactant chemistries specifically designed and developed to correct hydration and water/solute distribution problems associated with peat and/or bark media during production and post-production periods.

Read CAUTION and precautionary statements carefully before use.

DIRECTIONS FOR USE

INITIAL SUBSTRATE HYDRATION

PREPARATION OF MEDIA FOR FLATS, POTS, HANGING BASKETS, AND NURSERY CONTAINERS.
Media Treatment: For most mixes, apply 2-4 fl oz of PsiMATRIC per cu yd in enough water to get uniform distribution and mix thoroughly. The surfactant should be applied in 2 gal of water per cu yd of mix. Add surfactant to water and agitate or stir. Spray as uniformly as possible while media is blending.

For difficult to wet mixes, use 5-7 fl oz of PsiMATRIC per cu yd in enough water to get uniform distribution and mix thoroughly. The surfactant should be applied in 2 gal of water per cu yd of mix. Add surfactant to water and agitate or stir. Spray as uniformly as possible while media is blending.

PREPARATION OF PLUG OR PROPAGATION MEDIA.
Apply 2 fl oz of PsiMATRIC per cu yd in enough water to get uniform distribution and mix thoroughly. The surfactant should be applied in 2 gal of water per cu yd of mix. Add surfactant to water and agitate or stir. Spray as uniformly as possible while media is blending.

FOR USE DURING PRODUCTION

PLANTS IN PRODUCTION

Drench with 600 ppm solution of PsiMATRIC (7.6 fl oz/100 gal of water). Additional drench applications can be applied every 4-6 weeks or following initial drench. (See injection table below.)PsiMATRIC can be applied by injection through an irrigation system by mixing in a fertilizer stock tank.

If using an untreated mix, drench with 600 ppm solution of Ps/MATRIC (7.6 fl oz/100 gal of water), then reapply at 10 ppm in each irrigation or 100 ppm weekly.

If using a mix containing a media surfactant, apply PsiMATRIC at 10 ppm in each irrigation or 100 ppm weekly.

When mixing with fertilizer, add PsiMATRIC to the stock tank BEFORE dissolving the fertilizer. Stir the mixture well.

PsiMATRIC has been found to be compatible with many commonly used fertilizers. Check physical compatibility, using the correct proportion in a small jar if local experience is unavailable.

PsiMATRIC Injection Table				
PPM PsiMATRIC	10	100	300	600
Injector Ratio	Ounces PsiMATRIC " per Gallon Stock Solution			
1:300	0.4	3.8	11.5	23.0
1:200	0.3	2.6	7.7	15.5
1:150	0.2	1.9	5.75	11.5
1:128	0.15	1.6	5.0	10.0
1:100	0.1	1.3	3.8	7.6
1:64	0.08	0.8	2.4	4.8
1:50	0.06	0.6	1.9	3.8
1:30	0.04	0.4	1.2	2.4
1:16	0.02	0.2	0.6	1.2

Note: 1 Fluid Oz. = 2 Tablespoons

How to Use This Table

- Determine the number of parts per million (ppm) of PsiMatric™ you want to inject. Find that number on the first horizontal row.
- Find the injection ratio of your system on the left hand, vertical column.
- Where the parts per million you wish to inject intersects with the injection ratio, that's the number of ounces of PsiMATRIC™ concentrate you need to add to each gallon of stock solution.

TANK MIX

To facilitate the application of PsiMatric, PsiMatric may be applied in conjunction with pesticides in a tank mix as a directed soil drench. PsiMatric treatment ensures uniform hydration by distributing water throughout the growing media.

PsiMatric has been found to be compatible with certain pesticides. Pesticide manufacturers may recommend a rate of non-ionic surfactant to be used with their product. Follow the pesticide or active ingredient label recommendations on use of surfactant. However, if the pesticide or active ingredient label does not have a specific recommendation for surfactant use but does not prohibit the use of a non-ionic surfactant, Aquatrols PsiMatric should be applied at the rates listed below. Careful observation of spray performance in a trial application with the combination of chemicals to be applied is recommended to determine proper and efficient surfactant rates.

PLUG PRODUCTION

Drench before germination or after first leaf stage with a 300 ppm solution of PsiMATRIC (3.8 fl oz/100 gal of water).

CUTTINGS

For optimum results, use Aquatrols CapSil foliar adjuvant to reduce wilting on freshly stuck cuttings.

PRE-SHIPMENT APPLICATION FOR POST PRODUCTION BENEFIT

Apply a 600 ppm drench of PsiMATRIC (7.6 fl oz/100 gal of water) within 2 weeks of shipment.

For more detailed used 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, empty rinse water into spray or stock tank. Dispose of empty containers in accordance with federal, state, and local law.

PRECAUTIONARY STATEMENTS

- CAUTION: MAY CAUSE IRRITATION. DO NOT GET IN EYES OR ON SKIN.
- 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 MATERIAL 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

- IN EYES Do not rub eyes. Immediately wash eyes with large amounts of water for at least 15 minutes, lifting the lower and upper lids. Seek medical attention if necessary.
- ON SKIN Remove contaminated clothing and immediately wash contaminated area with large amounts of water for at least 5 minutes. Seek medical attention as needed.
- IF SWALLOWED If person is conscious, immediately give 1-2 glasses of water to drink. Seek medical attention. Do not leave victim unattended. Induce vomiting only upon advice from a physician.
- IF INHALED Move person to fresh air and check to ensure adequate respiration. Seek medical attention if necessary.

IN CASE OF EMERGENCY OR SPILL

Contact CHEMTREC at 1-800-424-9300
International 1-703-527-3887 (call collect)
NJTSRN 26934800000-5034

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 Material Safety Data Sheets (MSDS), contact Aquatrols at 1-800-257-7797 or 1-856-537-6003, or visit our website at www.aquatrols.com

CONDITIONS OF SALE
LIMITATION OF LIABILITY AND REMEDIES
AQUATROLS CORPORATION OF AMERICA, INC.

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 the seller. In addition, failure to follow label directions may cause injury to other crops, animals, man, or the environment.

This product is to be used and applied according to the label directions by professionals trained in the use of agricultural chemicals.

This material is not intended for use by, nor should be used by, consumers. The seller warrants that this product conforms to the chemical description on the label.

The seller 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, and no such warranty shall be implied by law.

The exclusive remedy against the seller for any cause of action relating to the handling or use of this product is claim for damage, and in no event shall damages or any other recovery of any kind against the seller exceed the price of the product which causes the alleged loss, damage, injury or other claim. The seller shall not be liable and any and all claims against the seller are waived, for special, indirect, incidental or consequential damages or expenses, of any nature including but not limited to, loss of profits or income, or any liability incurred by the buyer to any third party in any way arising out of or relating to the handling, repackaging from original container or the relabeling by the buyer or user, or use of this product, whether or not based on the seller's negligence, breach of warranty, strict liability in tort or any other cause of action.

The seller offers this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

Aquatrols Performance Guarantee

Aquatrols guarantees you will be satisfied with the performance of this product when used as directed, or your money back. Simply send proof of purchase and a brief reason for dissatisfaction to Aquatrols, 1273 Imperial Way, Paulsboro, NJ 08066, USA.