

53883-262

11/10/2009

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**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
**Office of Pesticide Programs**  
**Registration Division (7505P)**  
**Ariel Rios Building**  
**1200 Pennsylvania Ave., NW**  
**Washington, D.C. 20460**

EPA Reg. Number:  
53883-262

Date of Issuance:  
NOV 10 2009

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration  
 (under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product:  
MSM Plus Weed And Feed Fertilizer

Name and Address of Registrant (include ZIP Code):

Control Solutions, Inc.  
 5903 Genoa-Red Bluff Rd  
 Pasadena, TX 77507-1041

**Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.**

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration review/reregistration of your product when the Agency requires all registrants of similar products to submit data.
2. Submit the following outstanding data requirements: Guidelines 830.6317 Storage Stability and 830.6320 Corrosion Characteristics within one year from the date of this letter.
3. Make the following label changes:
  - a. On page 2, in the section AMOUNT TO USE, revise "Do not water in after application" to "Do not water in for 24 hours after application"
  - b. On page 2, revise "A second application in the same year, to the same area, at the same rate, will give longer weed control and turfgrass response to the fertilizer" to "A second application applied no earlier than 2 months after the initial application, in the same year, to the same area, at the same rate, will give longer weed control and turfgrass response to the fertilizer"
  - c. Add the restriction "Not for use on sod farms" to the USE RESTRICTIONS section
  - d. Revise the EPA Registration Number from 53882-EAE to "53883-262"
  - e. Add an appropriate EPA Establishment Number to the label.

Signature of Approving Official:

Jim Tompkins  
 Product Manager 25  
 Herbicide Branch  
 Registration Division (7505P)

Date:

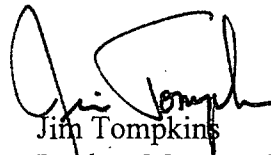
NOV 10 2009

Submit one copy of the revised final printed label for the record.

The basic formulation CSF [dated 5/14/09] and the alternate formulation CSF [dated 5/14/09] of the product referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act are acceptable. The basic and alternate CSFs will be added to your file.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



Jim Tompkins  
Product Manager 25  
Herbicide Branch  
Registration Division (7505P)

# MSM PLUS

## Weed and Feed Fertilizer xx-x-xx

**For Use On St. Augustine, Bermudagrass, Zoysia, and Buffalograss Lawns for control of certain broadleaf weeds and grasses in turf of residential lawns, commercial and industrial sites, and golf courses.**

ACTIVE INGREDIENT:  
 Metsulfuron-methyl (CAS #74223-64-6) . . . 0.00215%  
 OTHER INGREDIENTS: . . . . . 99.99785%  
 TOTAL: . . . . . 100.00000%

Contains 0.0043 lbs. of Metsulfuron-Methyl per ton. This is equivalent to an actual application rate of 0.00375 lb. active ingredient metsulfuron-methyl per acre when used as directed.

### KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>Call poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>

### PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION:** Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

This herbicide is injurious to plants at low concentrations. Nontarget plants may be adversely affected from drift and runoff.

### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill or by incineration or if allowed by the state and local authorities, by burning. If burned, stay out of smoke.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Not for use on sod farms.

For Use On St. Augustine, Bermudagrass, Zoysia, and Buffalograss Lawns for control of listed broadleaf weeds and grasses in turf of residential lawns, commercial and industrial sites, and golf courses.

Handle and open container in a manner as to prevent spillage. If material is spilled for any reason or cause, carefully contain any spilled material to prevent non-target contamination. Do not walk through spilled material and dispose of as directed for pesticides above. Refer to Precautionary Statements on label for hazards associated with the handling of this material. In spill or leak incidents, keep unauthorized people away.

### MSM Plus Controls

**Grasses:** Bahiagrass, ryegrass

**Broadleaves:**

Annual blue-eyed grass	English daisy	Puncturevine
Annual sowthistle	Evening primrose	Prickly lettuce
Aster	Field pennycress	Prostrate knotweed
Bittercress	Field bindweed	Purslane, common
Black medic	Field violet	Ragweed
Blue Mustard	Florida betony	Redroot pigweed
Brazil & Florida Pusley	Florida Pusley	Redstem (filaree)
Broadleaf plantain	Ground Ivy	Shepardspurge
Buckhorn plantain	Groundsel, common	Smallseed falseflax
Bushy buttonweed	Henbit	Spotted spurge
Bur buttercup	Hop clover	Spurge
Bur buttercup	Jersey cudweed	Spurweed
Canada thistle	Lambsquarters, common	Tansy mustard
Carolina mullein	Lawn burweed	Trecle mustard
Catsear, common	Lespedeza	Tumble mustard
Chickweed, common	Matchweed	Virginia buttonweed
Creeping Beggarweed	Miners lettuce	White clover
Creeping indigo	Mouse-ear chickweed	Wild carrot
Crown vetch	Nimblewill	Wild celery
Cud weed	Old world diamond-flower	Wild garlic
Curly dock	Parsley-piert	Wild lettuce
Cutleaf evening primrose	Pennsylvania smartweed	Wild mustard
Dandelion, common	Pigweed, redroot	Wild onion
Dollarweed	Pigweed, smooth	Yarrow, common
Dogfennel	Plantains	Yellow woodsorrel
Eclipta		

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**AMOUNT TO USE**

Apply MSM Plus at rate of 20 lbs. 5,000 sq. ft. Do not water in after application. A second application in the same year, to the same area, at the same rate, will give longer weed control and turfgrass response to the fertilizer.

**WHEN TO APPLY**

Apply MSM Plus anytime weeds are actively growing. For severe weed problems, a second treatment may be required 2 months after the first. Apply in the fall to control winter weeds such as henbit, chickweed and cutleaf evening primrose. Apply after sprigging/sodding new St. Augustinegrass, bermudagrass, or zoysiagrass lawns to prevent competition from newly emerging weeds. For best results, apply to wet grass. Do not water for 24 hours following application.

**USE RESTRICTIONS**

- Apply no more than 20 lbs. per 5,000 sq. ft. per application, which is equivalent to 0.00375 pounds of active ingredient Metsulfuron-Methyl per acre. Do not apply in such a manner that will contact any person or pet whether directly, or through drift.
- Avoid disturbing particles by keeping children and pets off treated areas until product has been watered in per instructions and foliage is dry.
- Do not apply by hand or with hand held "belly grinder" spot treat applicator. For safety, overall best weed control, and plant food results, apply with a suitable, correctly calibrated, broadcast or drop type, granule fertilizer spreader. See Spreader Settings section.
- Do not apply to lawns or mixed lawns of bahiagrass, centipedegrass, bluegrass, fine fescue, bentgrass, ryegrass, tall fescue or dichondra because injury may occur.
- Do not apply on or under the branch spread (rootzone) area of trees, shrubs, bedding plants, flowers or garden plants, particularly in compact, slowly draining soils.
- Do not plant sprigs/sod for 1 month or sow new grass seed for 2 months following application.
- Allow at least 2 months between applications if a second application is needed.
- Allow one week between application of this product and other pesticide products.

**SPREADER SETTINGS**

**FOR ONE PASS APPLICATION:** For best results, apply in a circular path starting on the outside and working toward the center. A little overlap (1 to 2 inches) of product will ensure complete coverage for weed control and fertilizer benefit.

**BROADCAST TYPE SPREADER SETTING  
20 LBS. PER 5,000 SQ. FT.**

Republic EZ Rotary	xx.x
Scott's EasyGreen	xx.x
Quaker Rotary	xx.x
Ortho Rotary (6000)	xx.x
EV-N Spread	xx.x
True Temper	xx.x
Precision Rotary	xx.x

**DROP TYPE SPREADER SETTINGS**

**FOR ONE PASS APPLICATION:** First apply 2 border strips along the edge of each end of the lawn. Then apply products along the length of the lawn, overlapping slightly, 1 to 2 inches, and shutting off the spreader before turning as you reach the edge of the border strip, 20 lbs. to treat 5,000 sq. ft.

Ortho Drop	xx.x
Republic EZ Drop	xx.x
Scott's Drop (PF3)	xx.x
Scott's Even Green	xx.x

**[WARRANTY**

Read the entire Directions for Use and Warranty before using this Product. By using this product, user or buyer accepts the following warranty.

[[The directions for use of this product are believed to adequate and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Unintended consequences may result because of unknown factors: All such risks shall be assumed by the user or buyer.]]

Control Solutions Inc. is committed to providing high quality products. To the extent consistent with applicable law, Control Solutions Inc. makes no warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond statements on this label. To the extent consistent with applicable law, Control Solutions Inc., the manufacturer, or the Seller shall not be liable for indirect, special, incidental or consequential damages. To the extent consistent with applicable law, the exclusive remedy of the user or buyer shall not exceed the purchase price paid.]

[Optional statement]

Buyer and user assume all responsibilities for safety and use not in strict accordance with directions. [Optional statement]

**GUARANTEED ANALYSIS XX-X-X**

Total Nitrogen (N).....	15 %
Urea Nitrogen .....	13.04%
Ammoniacal Nitrogen .....	1.96%
Available Phosphate Acid (P <sub>2</sub> O <sub>5</sub> ).....	5 %
Soluble Potash (K <sub>2</sub> O) .....	10 %
Chlorine, not more than .....	8 %
Derived from: Diammonium Phosphate, Urea, Muriate of Potash.	

**NET WEIGHT 4 lbs, 8 lbs, 16 lbs, 20 lbs, 40 lbs**

Control Solutions, Inc.  
5903 Genoa-Red Bluff Rd.  
Pasadena, TX 77507-1041

EPA Reg. No. 53883 - EAE  
EPA Est. No.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 10 2009

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

53883-262