

OCT 31 2005

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended for the pesticide registered under EPA Reg. No. 51036-368

METSULFURON 60EG TURF

For control of Bahiagrass in Bermudagrass areas, broadleaf weeds, including rosette- and vining-type dicots, and annual and perennial weedy grasses

This Product Is Recommended For Use By Professional Turfgrass Managers

ACTIVE INGREDIENT:

Metsulfuron Methyl

Methyl 2-((((4-methoxy-6-methyl-1,3,5-triazin-2-yl)-amino)carbonyl)amino)sulfonyl)benzoate 60.0%

OTHER INGREDIENTS: 40.0%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
EMERGENCY TELEPHONE NUMBERS:	
(800) 424-9300	CHEMTREC (transportation and spills)
(800) 832-HELP (4357)	Human Health
(800) 345-4735	ASPCA (animal health)

EPA Reg. No. 51036-368

EPA Est. No. XXX-XX-XXX

AD xxxxxx

NET CONTENTS: _____

Manufactured By:
MICRO FLO COMPANY
P.O. BOX 772099
MEMPHIS, TN 38117

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some of the materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category A on the EPA chemical-resistance category selection charts.

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants.
- Shoes plus socks.
- Chemical-resistant gloves made of any waterproof material (such as polyethylene or polyvinylchloride).

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6), the handler PPE requirements may be reduced or modified as specified in WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

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 apply where runoff water may flow, during periods of intense rainfall or to saturated soils as off-target movement and injury may occur. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not apply this product through any type of irrigation system.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL BEFORE EACH USE OF THIS PRODUCT. FOLLOW ALL LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the Agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Workers Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Shoes and socks
- Chemical resistant gloves made of any waterproof material.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

For use on Ornamental Turf, such as Lawns, Parks, Cemeteries, Golf Courses (Fairways, Aprons, Tees and Roughs) and on Sod Farms.

This product can be used for the control of the following perennial and annual weedy grasses: Bahiagrass, Foxtail and Ryegrass.

This product can be used for the control of the following broadleaf (dicot) weeds:

Annual sowthistle	Dandelion	Redroot pigweed
Aster	Dog fennel	Redstem filaree
Bittercress	Dollarweed	Seedling dogfennel
Blue mustard	False chamomile	Shepherdspurse
Brazil pusley	Fiddleneck tarweed	Sida (southern)
Buckhorn	Flixweed	Smallseed flaxweed
Bur buttercup	Field pennycress	Smooth pigweed
Canada thistle	Florida betony	Spurweed
Carolina geranium	Florida pusley	Tansy mustard
Chicory	Foxtail	Treacle mustard
Clover (sweet)	Goldenrod	Tumble mustard
Clover (white)	Ground ivy	Virginia buttonweed
Common chickweed	Henbit	Wild carrot
Common groundsel	Hoary cress (whitetop)	Wild celery
Common mullein	Kochia	Wild garlic
Common purslane	Lambsquarters	Wild lettuce
Common sunflower	Lespedeza	Wild mustard
Common yarrow	Miners lettuce	Wild onion
Conical catchfly	Parsley-piert	Wood sorrel (oxalis)
Cow cockle	Pennsylvania smartweed	
Creeping beggarweed	Plantain	
Crown vetch	Prickly lettuce	
Curly dock	Prostrate knotweed	
	Prostrate spurge	
	Ragweed	

This product should only be used on the following turf areas: Bermudagrass, Centipede, fine Fescue, Kentucky Bluegrass, St. Augustine grass and Zoysia grass.

USE PRECAUTIONS

To diminish chlorosis of the turf, the lower recommended rates of application should be used.

To avoid turf injury, the application of this product should be avoided when turf is subject to stress from: Disease, drought, insects, high temperatures on cool season grasses (>85°F), low temperatures, or poor fertility.

Do not apply to turf less than 1 year old.

When Bahiagrass is the desired turf, use of this product should be avoided. This product will cause severe injury to Bahiagrass.

Following the final application of this product to the treatment area, do not plant ornamentals, such as trees and shrubs, for a minimum of one year or bedding plants for a minimum of two years.

IMPORTANT

To achieve maximum control, the use of a non-ionic surfactant of a minimum of 80% active ingredient at 0.25% by volume (1 quart per 100 gallons) is recommended. Please note, however, that use of surfactants may cause a temporary increase in chlorosis of the treated turf.

A one-week interval should be observed between treatments of this product or any other products which contain pesticides. If necessary due to severe disease or insect pressure, immediate re-treatment may be made.

DO NOT USE THIS PRODUCT ON FOOD OR FEED CROPS.

Except as otherwise directed by this label, follow the following directions to minimize or avoid loss of or injury to desirable trees or other plants:

1. Do not apply Metsulfuron 60 EG Turf on or near desirable trees or other plants
2. Do not drain or flush equipment near or on desirable trees or plants.
3. Do not drain or flush equipment on areas where desirable trees or other plants' roots may extend or in locations where the chemical may be washed or moved into contact with their roots.

A period of eight weeks should be observed between last application and overseeding.

Do not apply to any body of water including streams, irrigation water, or wells. Crop damage can occur when treating areas where runoff water flows onto agricultural land.

AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR.

Do not allow spray drift onto adjacent crops or other desirable plants or trees as injury may occur.

The interaction of many equipment-and-weather-related factors determines the potential for spray drift. The applicator is responsible for considering all these factors when making decisions.

Follow these practices to minimize drift:

- To avoid spray drift, do not apply under windy conditions. Wind speeds of more than 10 mph will heighten drift potential. Special care must be taken when sensitive plants are downwind. Application during gusty wind conditions must be avoided.
- Special care must be taken to avoid spray drift when sensitive plants are adjacent to the treatment area. The potential for spray drift is heightened during weather conditions of high temperatures, drought and low relative humidity.
- The most effective way to reduce drift potential is to apply large droplets.
- Recommended Spray Pressure: 35 PSI or less.

USE DIRECTIONS

For the following weeds, spray volumes of 20-80 gallons per acre and pressures of 25 to 35 psi at the following rates of product are recommended:

Apply 0.125 to 0.25 oz. Product/Acre
Ryegrass (greens)

Apply 0.25 to 0.33 oz. Product/Acre

Bittercress	Creeping beggarweed	Redstem, filaree
Blue mustard	Dandelion	Spurweed
Bur buttercup	Field pennycress	Wild carrot
Chickweed	Ground ivy (Fall)	
Chicory	Parsley-piert	
Clover (white)	Prostrate spurge	

Apply 0.33 to 0.5 oz. Product/Acre

Annual sowthistle	Lespedeza	Smallseed falseflax
Aster	Miners lettuce	Tansy mustard
Carolina geranium	Plantain	Treacle mustard
Clover (sweet)	Prickly lettuce	Tumble mustard
Common yarrow	Ragweed	Wild celery
Crown vetch	Redroot pigweed	Wild garlic
Florida betony	Ryegrass (fairways)	Wild lettuce
Ground ivy (Spring*)	Seedling dogfennel	Wild onion
Henbit	Shepherdspurse	Woodsorrel (oxalis)
Lambsquarters	Smooth pigweed	

Apply 0.25 to 0.75 oz. Product/Acre

Bahiagrass*

Apply 0.5 to 1 oz. Product/Acre

Brazil pusley	Common sunflower	Kochia
Buckhorn plantain	Crabgrass	Pennsylvania smartweed
Canada thistle**	Dogfennel	Plantain
Curly dock	Dollarweed*	Prostrate knotweed
Common groundsel	Florida pusley	Sida (southern)
Common purslane	Foxtail	Virginia buttonweed***
	Hoarycress (whiteweed)	Wild mustard

* It may be necessary to make a second application in 4-6 weeks.

** Primary visible results of suppression include a noticeable decrease in competition as compared against an untreated area.

*** This product gives effective control of seedling Virginia buttonweed. Application to more mature plants will result in suppression only. It may be necessary to make a second application in 4-6 weeks.

MIXING INSTRUCTIONS

1. The tank should be 1/2 full of water.
2. Then add the required amount of METSULFURON 60EG TURF. Continuously agitate while adding, using mechanical or bypass agitation.
3. Add any adjuvants or other herbicides, while continuing to agitate. Do not add adjuvants or other herbicides prior to METSULFURON 60EG TURF.
4. Keep agitating and filling tank with water.
5. Be aware that the mixture will settle in the event it is not continuously agitated. The mixture must be completely agitated a second time prior to use if settling occurs.
6. While stable in alkaline mixtures, this product may degrade within twenty-four hours if in an acidic mixture.

Compatibility tests of tank mixtures should always be run prior to mixing of this product with other registered herbicides. It is unnecessary to separately premix or pre-slurry this product with water before adding it to the spray tank. Observe all tank-mix partner product label directions for use, recommendations, prohibitions and tank mixing compatibility instructions.

APPLICATION RECOMMENDATIONS

Kentucky Bluegrass and Fine Fescue: For effective weed control, make applications of 0.25-0.5 oz./A of this product. Within any nine-month period, use a maximum of 0.5 oz./A of this product.

St. Augustine grass, Bermudagrass and Zoysiagrass (Meyers and Emerald): For effective weed control, make applications of 0.25-1.0 oz./A of this product. Application of this product may cause some stunting or chlorosis of turfgrass.

Bahiagrass Control: For selective control of Bahiagrass in Bermudagrass turf, make applications of 0.25-0.75 oz./A of this product. For effective control of Argentine, Common and Paraguayan Bahiagrass, use the higher recommended rates. It may be necessary to make a second application in 4-6 weeks. Application of this product may cause some stunting or chlorosis of Bermudagrass.

Centipede grass: For effective weed control, make applications of 0.25-0.5 oz./A of this product. Application of this product may cause some stunting or chlorosis of turfgrass.

RECOMMENDED SPRAYER CLEANUP

Immediately after spraying thoroughly remove all traces of METSULFURON 60EG TURF from mixing and spray equipment as follows:

1. Drain tank, rinse interior surface of tank, then flush tank, boom and hoses with clean water for a minimum of 5 minutes.
2. Fill the tank with clean water, and then add an ammonia cleaning solution. Use one-gallon ammonia (containing 3% active) per 100 gallons of water. Turn on sprayer long enough to flush through boom, hoses and nozzles. Stop spraying, but keep agitator working in the tank for 15 minutes, then drain.
3. Repeat Step 2.
4. Repeat Step 1.
5. Nozzles and screens should then be removed and cleaned separately. To remove traces of cleaning solution, rinse the tank thoroughly with clean water and flush through hoses and boom.
6. Flush boom and hoses with clean water for 5 minutes just prior to using the sprayer for the first time after the METSULFURON 60EG TURF application.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store this product in a cool, dry, and secure place in its original container only. Store separately from water, other pesticides, fertilizer, food or feed to avoid contamination.

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: Triple rinse (or equivalent) adding rinsate to spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or by burning, if allowed by State and local authorities. If burned, stay out of smoke.

CONDITIONS OF SALE AND WARRANTY

The **Directions For Use** of this product reflects the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of MICRO FLO COMPANY LLC ("MICRO FLO") or the Seller. To the extent permitted by law all such risks shall be assumed by the Buyer.

MICRO FLO warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

MICRO FLO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT PERMITTED BY LAW, MICRO FLO AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. MICRO FLO and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of MICRO FLO.

METSULFURON 60EG TURF

This Product Is Recommended For Use By Professional Turfgrass Managers

ACTIVE INGREDIENT:

Metsulfuron Methyl
 Methyl 2-((((4-methoxy-6-methyl-1,3,5-triazin-2-yl)-amino)carbonyl)amino)sulfonyl)benzoate 60.0%
OTHER INGREDIENTS: 40.0%
TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

FIRST AID	
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IF IN EYES:	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
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Container Disposal: Triple rinse (or equivalent) adding rinsate to spray tank. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, by incineration, or by burning, if allowed by State and local authorities. If burned, stay out of smoke.

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Manufactured By:
MICRO FLO COMPANY
 P.O. BOX 772099
 MEMPHIS, TN 38117

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