
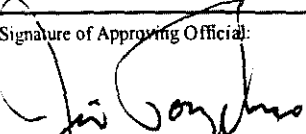


51036-368

02-05-2004

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	U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460	EPA Reg. Number: 51 <sup>03</sup> 366-368	Date of Issuance: FEB - 5 2004
		Term of Issuance: Conditional	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration		Name of Pesticide Product: Metsulfuron 60 EG Turf	
(under FIFRA, as amended)			
Name and Address of Registrant (include ZIP Code):  Micro Flo Company P.O. Box 772099 Memphis, TN 38117			
<b>Note:</b> 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 conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:			
<ol style="list-style-type: none"> <li>1. Submit or cite storage stability(830.6317) and corrosion characteristics (830.6320) studies on this formulation.</li> <li>2. Submit/cite all data required for registration/reregistration of your product, when the Agency requires all registrants of similar products to submit such data.</li> <li>3. Make the labeling changes listed below before you release the product for shipment.           <ol style="list-style-type: none"> <li>a. Add the phrase "EPA Registration No. 51036-368."</li> <li>b.. At the beginning of the list of Personal Protective Equipment (PPE) within the Precautionary Statements, add the statements "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 an EPA chemical-resistance category selection charts. In addition, revise the requirement for "chemical resistant (Category A) gloves" to a requirement for "chemical resistant gloves made of any waterproof material such as polyethylene or polyvinylchloride.</li> <li>c. Within the list of PPE for early re-entry in the Agricultural Use Requirements box, revise the requirement for "chemical resistant (Category A) gloves" to a requirement for "chemical-resistant gloves made of any waterproof material."</li> </ol> </li> </ol>			
Signature of Approving Official: 		Date: 2-5-04	

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d. Revise the third sentence of your Environmental Hazards section to read "Do not contaminate water when **cleaning of equipment** or disposing of equipment washwaters.

e. Under Storage and Disposal revise "Storage" to read "Pesticide Storage".

f. The phrase "and similar noncrop areas" (page 4) must be deleted from the label.

Submit two (2) copies of your final printed labeling before you release the product for shipment.

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

A stamped copy of labeling is enclosed for your records.

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### METSULFURON 60EG TURF

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

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%

INERT INGREDIENT: .....40.0%

TOTAL: .....100.0%

### KEEP OUT OF REACH OF CHILDREN

### CAUTION

### FIRST AID

**IF ON SKIN OR CLOTHING:**

- 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:**

- 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:**

- 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.

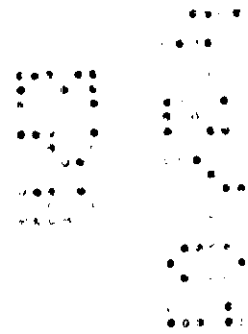
EPA Reg. No. 51036-appl. *GAI*

EPA Est. No. XXX-XX-XXX

**NET CONTENTS:**

**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated  
**FEB - 5 2004**

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



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

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**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.

**EMERGENCY NUMBERS:**

- Transportation or spill, call CHEMTREC 800-424-9300.
- Human health, call Poison Control Center at 800-900-4044.
- Animal health, call ASPCA at 800-345-4735.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes, Socks and Chemical Resistant (Category A) gloves

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 water saturated soils as off-target movement and injury may occur. Do not contaminate water when 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 USING THIS PRODUCT. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

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:

- 1. Coveralls
- 2. Shoes and socks
- 3. Chemical resistant (Category A) gloves.



Do not apply METSULFURON 60EG TURF to turf under stress from drought, insects, disease, cold temperatures, high temperatures of above 85°F on cool season grasses, or poor fertility as injury may result.

Do not apply to turf less than 1 year old.

Do not use on Bahiagrass where it is the desired turf, as severe injury may result.

Do not plant ornamentals such as shrubs, and trees in treated areas for at least 1 year after the last application or bedding plants for at least 2 years.

#### **IMPORTANT**

Addition of a nonionic surfactant of at least 80% active ingredient at 0.25 percent by volume (1 qt/100gal) provides maximum performance, but may temporarily increase chlorosis of the turf.

Allow one week between the application of METSULFURON 60EG TURF and other control (pesticide containing) products. (This guideline can be relaxed where severe insect or disease attack requires immediate treatment).

DO NOT USE ON FOOD OR FEED CROPS. Injury to or loss of desirable trees or other plants may result from failure to observe the following: Do not apply METSULFURON 60EG TURF (except as recommended) or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend or in locations where the chemical may be washed or moved into contact with their roots.

When overseeding, wait 2 months (8 weeks) after application. Do not apply to any body of water, including streams, irrigation water or wells. Do not apply where runoff water may flow onto agricultural land, as injury to crops may result.

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

Follow these practices to minimize drift:

- Stop spraying if wind speed becomes excessive. Spray drift can occur at wind speeds less than 10 MPH. If sensitive plants

are downwind, extreme caution must be used. Do not spray if winds are gusty.

- High temperatures, drought and low relative humidity increase the possibility of harmful spray drift. Caution must be used when these conditions are present and sensitive plants are nearby.
- Use large droplet size sprays to minimize drift.
- Use spray pressures of 35 psi or less when applying this product.

### HOW TO USE

Use spray volumes of 20 to 80 gal/acre and pressures of 25 to 35 psi at the following rates of METSULFURON 60EG TURF for the weeds listed below:

#### 0.125 to 0.25 oz. Product/Acre

Ryegrass (greens)

#### 0.25 to 0.33 oz. Product/Acre

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

#### 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	

#### 0.25 to 0.75 oz. Product/Acre

Bahiagrass\*



0.5 to 1 oz. Product/Acre

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

\*A repeat application may be required in 4 to 6 weeks.

\*\*Suppression only involving a visual reduction in competition compared to an untreated area.

\*\*\*Controls seedling Virginia buttonweed. Suppression only of more mature plants. Repeat application may be required in 4 to 6 weeks.

The required amount of METSULFURON 60EG TURF should be added when the spray tank is half full of water and, with agitator running, add the proper amount of product. Finish adding the required amount of water. Continuous agitation is required to keep the product in suspension.

Spray preparations of this product may degrade in acid solutions if not used in 24 hours; it is stable in alkaline solutions. Thoroughly reagitate before using.

Tank mixes with other registered herbicides should be tested for compatibility before full scale mixing. Use mechanical or bypass agitation to thoroughly mix the spray suspension. It is not necessary to premix this product with water in a separate container prior to adding it to the spray tank. This product should always be added to the tank first, before any other herbicides or adjuvants.

**Uses on Kentucky Bluegrass and Fine Fescue:** Apply 0.25 to 0.5 oz of METSULFURON 60EG TURF per acre for control of the listed weeds. Do not exceed 0.5 oz per acre within a 9-month period.

**Use on St. Augustine grass, Bermudagrass and Zoysia grass (Meyers and Emerald):** Apply 0.25 to 1.0 oz of METSULFURON 60EG TURF per acre for weed control. Some chlorosis or stunting of the turfgrass may occur following application.

**Bahiagrass Control:** For the selective control of Bahiagrass in Bermudagrass turf, use 0.25 to 0.75 oz of METSULFURON 60EG TURF per acre. Use the higher rates of the range of Argentine,

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Common and Paraguayan Bahiagrass. Apply a repeat treatment in 4 to 6 weeks if necessary. Some chlorosis or stunting of the Bermudagrass may occur following the application.

**Use on Centipede grass:** Apply 0.25 to 0.5 oz. of this product per acre for weed control. Some chlorosis or stunting of the turfgrass may occur following the application.

#### 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, 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

**Storage:** Always use original container to store pesticides in a secured warehouse or storage building. Do not store near open containers or fertilizers, seeds, or other pesticides. Do not contaminate water, food or feed by storage or disposal.

**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.

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**WARRANTY**

Micro Flo warrants that this herbicide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this herbicide is reasonably fit for its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixtures with other chemicals, and factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.