

FM 25 10182-172

ACCEPTED
JUN 9 1994
Under the Federal Insecticide, Fungicide, and Rodenticide Act
EPA Reg. No. 10182-172

EPTAM® 2.3-G

Granules

A Selective Herbicide for Weed Control in Flowers and Ornamentals.
For Control of Annual Grassy Weeds and Many Annual Broadleaf Weeds.

ACTIVE INGREDIENT: Sulfatol (sulfamethoxazole) 2.3%
INERT INGREDIENTS 97.7%
Total 100.0%

Contains 2.3 pounds active ingredient per 100 pounds
EPA Reg. No. 10182-172
EPA Est. No. 10182 NB 1

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

FIRST AID
If a known exposure occurs or is suspected, immediately initiate the recommended procedures below. If further treatment is required, contact a Poison Control Center, a physician, or the nearest hospital.
IF SWALLOWED: Immediately give several glasses of water and induce vomiting by gagging the victim with finger placed on the back of the victim's tongue. Give fluids until vomiting is clear. If victim is unconscious or non-vomiting, do not induce vomiting or give anything by mouth.
IF ON SKIN: Wash all affected areas with plenty of water for several minutes. Seek medical attention if irritation occurs.
IF IN EYES: Hold eyelids apart and flush with plenty of water for 15 minutes. Seek medical attention if irritation occurs.
IF INHALED: Remove to fresh air. Seek medical attention if respiratory irritation occurs or if breathing becomes difficult.
FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE, CALL 1-800-F-A-S-T-AID (327-8273)
CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION
If swallowed, Avoid contact with eyes, skin, and clothing. Avoid breathing dust.
Personal Protective Equipment
Applicators and other handlers must wear:
• Long sleeved shirt and long pants
• Waterproof gloves
• Shoes plus socks
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.
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 the WPS.
User Safety Recommendations
Users should:
• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
• Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into 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. This product is toxic to fish. Do not contaminate water when disposing of equipment/washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
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 Worker 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 12 hours. Exception: If the product is applied to soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter an area if there will be no contact with anything that has been treated.
• Do not enter or allow worker entry into 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:
• General use
• Waterproof gloves
• Shoes plus socks

GENERAL USE PRECAUTIONS
• READ ALL LABEL DIRECTIONS BEFORE USING
• EPTAM® 2.3-G granules should be used only for recommended purposes and at recommended rates (DO NOT OVERDOSE)
• EPTAM 2.3-G is recommended for use on mineral soils only.
• For all uses, EPTAM 2.3-G must be thoroughly mixed into the soil.
• EPTAM 2.3-G may cause injury to ornamentals under certain soil and climate conditions or if directions are not followed.
• Keep container closed when not in use. Do not store near seeds or fertilizers.

WEEDS CONTROLLED
EPTAM 2.3-G controls over 20 species of weeds and will keep a treated area virtually weed free for an average growing season (in semiarid areas, more than one application may be needed).
EPTAM 2.3-G will not control established weeds.

ANNUAL GRASSES Annual Bluegrass Annual Ryegrass Barnyardgrass (Watergrass) (Lamarckia) Crisgrass Green Foxtail Goosegrass Green Foxtail Johnsongrass Seedlings	<i>Poa annua</i> <i>Lolium multiflorum</i> <i>Echinochloa spp.</i> <i>Digitaria spp.</i> <i>Setaria faberii</i> <i>Echinochloa indica</i> <i>Setaria viridis</i> <i>Sorghum halepense</i>	<i>Lolium perenne</i> <i>Stachys arvensis</i> <i>Lamium amplexicaule</i> <i>Rhynchos scabra</i> <i>Solanum nigrum</i> <i>Chenopodium album</i> <i>Chenopodium murale</i>	<i>Portulaca oleraceae</i> <i>Amaranthus gracilis</i> <i>Amaranthus retroflexus</i> <i>Amaranthus albus</i>
ANNUAL BROADLEAF WEEDS Black Nightshade Common Chickweed Carn Spurry Deadnettle (Henbit) Florida Pusley Hairy Nightshade Lambquarters, Common Mulleinleaf Goosefoot	<i>Solanum nigrum</i> <i>Stellaria media</i> <i>Sparganium angustifolium</i> <i>Lamium amplexicaule</i> <i>Rhynchos scabra</i> <i>Solanum nigrum</i> <i>Chenopodium album</i> <i>Chenopodium murale</i>	<i>Portulaca oleraceae</i> <i>Amaranthus gracilis</i> <i>Amaranthus retroflexus</i> <i>Amaranthus albus</i>	

The annual broadleaf weeds listed above will be controlled only if treatment is made when conditions are favorable for weed germination and growth.

PERENNIAL WEEDS
Bermudagrass
Mugwort (Chrysanthemum) (Mugwort)
Purple Nutsedge (Nutsedge)
Cynodon dactylon
Artemisia vulgaris
Cyperus rotundus
Quackgrass (Couchgrass, Witchgrass)
Yellow Nutsedge (Nutsedge)
Agropyron repens
Cyperus aculeatus
SOIL PREPARATION: The soil to be treated should be loose and free of clods. All weed growth should be removed or thoroughly worked into the soil before application.
APPLICATION: The recommended rate of EPTAM 2.3-G should be applied as uniformly as possible. Apply to well worked soil that is dry enough to permit thorough mixing with incorporation equipment. Use one of the following appropriate means of application:
• **GRANULAR HERBICIDE APPLICATORS** (for nursery field application)
Equipment should be carefully calibrated before use and checked frequently during application.
• **HOSE LAWN SPREADERS** (for applying EPTAM 2.3-G between rows of nursery stock and small areas planted with ornamentals)
Where practical, apply half the required amount of EPTAM 2.3-G over the area to be treated; then apply the remainder at right angles or crosswise.
SOIL MIXING INCORPORATION: Immediately after application, thoroughly mix EPTAM 2.3-G into the soil to a depth of 2 to 3 inches. Mix to a depth of 6 inches for nutsedge, quackgrass, bermudagrass, and chrysanthemumweed (mugwort). Thorough soil mixing is necessary for good weed control. Use the following equipment or other equipment which has proven satisfactory under local conditions:
Commercial Nursery
Preplant broadcast tower, if application
Preplant band application
Postplant application: Nursery cultivator or rototiller
Home Garden
Preplant application: Rototiller
Postplant application: For annual weed use, hand rake or hoe or water in immediately after application to a depth of 2 to 3 inches. Where incorporation by hand raking is done, light watering after raking is recommended.
For perennial weeds, incorporate to a depth of 6 inches with a rototiller.

WHEN TO USE EPTAM 2.3-G
HERBACEOUS PLANTS AND GROUND COVERS. Apply 2 weeks after transplanting or after growth starts in the spring.
TREES AND SHRUBS: Apply 2 weeks before transplanting balled and canned stock (only) and anytime after transplanting. Around established plants apply after growth starts in the spring.
EPTAM 2.3-G CAN BE USED ON THESE ORNAMENTALS

Herbaceous Plants	Balkan Begonia	Daylilies	Pansy
Ageratum	Begonia	Dianthus	Petunia
Alyssum	Chrysanthemum	Mangold	Zinnia
Amaranthus	Dahlia	Nasturtium	
Asters			
Ground Covers	Ice Plant	Pachysandra	Sedum
Asplenium	Ivy	Periwinkle (Vinca minor)	Strawberry (ornamental)
Galium			
Hypericum			
Evergreen and Deciduous Trees and Shrubs			
Berberis	Fu	Linden	Podocarpus
Boragifera	Hemlock	Magnolia	Rhododendron
Camelia	Holly (American and Japanese)	Maple	Rose
Chamaecyparis	Juniper	Oak	Spruce
Citrus (nonbearing)	Leucothoe	Pine	Viburnum
Dequod	Lilac	Pine	Yew (Taxus)
Eucalyptus			

NOTE: All flowering bulbs, salvia, philox, snapdragon, and ornamental pepper are susceptible to injury from an application of EPTAM 2.3-G.

RECOMMENDATIONS
FOR ANNUAL WEED CONTROL: Use EPTAM 2.3-G at the rate of 5 pounds per 1,000 square feet.
FOR QUACKGRASS, NUTSEDGE, AND BERMUDAGRASS CONTROL AROUND ESTABLISHED TREES AND SHRUBS: Existing stands of these perennial grasses must be turned under and chopped up thoroughly before treatment. Use EPTAM 2.3-G at the rate of 6 pounds per 1,000 square feet. Mix thoroughly into the top 6 inches of soil.
FOR MUGWORT (CHRYSANTHEMUMWEED) CONTROL IN AREAS TO BE PLANTED WITH THE FOLLOWING PLANTS: Jonquil, Japanese Holly, Ivy, Pachysandra, Petunia; Use EPTAM 2.3-G at the rate of 15 pounds per 1,000 square feet. Mix thoroughly into the top 6 inches of soil. Apply 4 weeks before desired planting date.
SPECIALTY USE—GOLF COURSE SAND TRAPS: For control of annual grasses and broadleaf weeds, use 1 pound EPTAM 2.3-G on 200 square feet of sand. Spread evenly with a spreader calibrated to deliver the proper amount of EPTAM 2.3-G granules. Rake into the sand and water lightly. For control of nutsedge, use 1 pound EPTAM 2.3-G on 100 square feet of sand. Mix into the sand to a depth of 2 to 3 inches and water lightly for 2 to 3 minutes. Repeat as needed to maintain weed control.
HOME GARDEN USE—WASH POTATOES AND GREEN BEANS: (Do not use EPTAM 2.3-G on blackeye peas or beans, any beans, lima beans, or other flat seeded beans except Romano.) Apply and mix into the soil 1 pound of EPTAM 2.3-G per 320 square feet just before planting. Thoroughly mix to a depth of 2 to 3 inches using a rototiller or hoe and rake. Plant at a normal seeding depth.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.
STORAGE: Keep container closed when not in use. Store in a cool, dry place. Do not store near seeds, fertilizers, or foodstuffs.
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: Completely empty bag into application equipment, then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: Read the entire Directions for Use and the Conditions of Sale and Warranty before using this product.
CONDITIONS OF SALE AND LIMITED WARRANTY:
The Directions for Use of this product are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended by Seller, or other factors beyond the control of Seller and Buyer. Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY.
Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label, subject to the inherent risks referred to above, when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable by Seller, or other factors beyond the control of Seller and Buyer. Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY.
When Buyer or User claims losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), Buyer or User must promptly notify in writing Seller of any claims to be eligible to receive either of the remedies set forth below. The EXCLUSIVE REMEDY OF BUYER OR USER AND THE LIMIT OF LIABILITY OF SELLER will be, at the election of Seller, refund of the purchase price paid for product lost, or replacement of amount of product used. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES, INCLUDING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.
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