



SM-9

Fungicide

Active ingredients:

Proprietary blend of linear secondary alcohols
 reacted with ethylene oxide99.97%
 Inert ingredients.....0.03%
 Total100.00%

**KEEP OUT OF REACH OF CHILDREN
 DANGER - PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
 (If you do not understand this label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

- IF IN EYES:** Immediately flush eyes with plenty of water for 15 minutes and get medical attention at once.
- IF SWALLOWED:** Drink 2 glasses of water. Do Not Induce Vomiting. Obtain medical attention.
- IF ON SKIN:** Wash immediately with soap and water.
- IF INHALED:** Remove victim to fresh air. Apply respiration if indicated.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA REG. NO. 65864-1

SMI
 VALDOSTA, GA 31603
 NET CONTENTS 2.5 GALLON

EPA EST. NO. 65864-GA-1

ACCEPTED

AUG 11 1998
 8/11/98
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended for the pesticide registered under EPA Reg. No. 65864-1

PM 21

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**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS
DANGER**

Do not get in eyes, on skin, or clothing. If eye exposure occurs, get immediate medical attention. Harmful if swallowed.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and protective eyewear. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do no reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washable, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:
Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 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, 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. Do not contaminate domestic or irrigation water. Do not apply when weather conditions favor drift from target areas. Do not apply to areas where birds may be contacted by spray or drift, including nesting and roosting sites.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS. Do not apply this product in a way that will contact workers of 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 48 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, waterproof gloves, shoes plus socks and protective eyewear.

NON-AGRICULTURAL USE REQUIREMENTS

Keep unprotected persons out of treated areas until sprays have dried.

STORAGE AND DISPOSAL

Store in original container only, keep container tightly closed, do not allow water to be introduced into contents of this container. Do not contaminate water sources by run off from cleaning of equipment, disposal of equipment washwaters or waste from sprays composed of other herbicides. Do not store near heat or open flame. Container disposal - Triple rinse or puncture container and dispose of according to state or local authorities. In case of a chemical spill, leak, or fire call 1-800-424-9300.

GENERAL INFORMATION

SM-9 is for use on golf course tees, greens, fairways, ornamental turfgrass, and lawns, lawns on Bentgrasses, Bluegrasses, Bermudagrasses, Fescues, Ryegrasses, St. Augustine, Zoysia, Carpetgrass, Carpet grasses or their mixtures. Use spray mixture the same day it is prepared. In cold temperatures premix as a slurry in a small container, then add to spray tank. Spray uniformly over the area to be treated. For leaf diseases, allow sprayed area to completely dry before irrigation. For soil-borne diseases water in after application. Apply recommended amounts in sufficient water to obtain thorough coverage, usually 1 gallon water per 1,000 square feet of area. When treating golf greens, always treat aprons and approaches. Use the highest recommended rate under conditions of severe disease pressure. **CHEMIGATION:** Refer to supplemental labeling entitled "Chemigation Supplemental Label for Products Bearing the Signal Word DANGER for use directions for chemigation." Do not use SM-9 Fungicide through sprinkler irrigation equipment on golf courses. Do not apply this product through any irrigation system unless the supplemental labeling on chemigation is followed. **NOTE: IRRIGATION SYSTEMS AND ASSOCIATED PIPING SHOULD BE THOROUGHLY FLUSHED WITH CLEAN WATER FOLLOWING APPLICATION.**

SM-9 can be coated or mixed with approved clays or fertilizers.

LARGE BROWN PATCH (Rhizoctonia Solani) Apply SM-9 at 3/8 fl. oz. to 3/4 fl. oz. in 1 gallon of water per 1,000 square feet beginning when the disease first appears. Repeat applications at 7 to 21 day intervals as long as needed. Do not apply when grass is stressed from heat, drought, etc. During periods of high daytime temperatures apply SM-9 in early morning or late afternoon.

PYTHIUM BLIGHT (Mericetium) Apply SM-9 at 3/8 fl. oz. to 3/4 fl. oz. in 1 gallon of water per 1,000 square feet beginning when the disease first appears. Repeat applications at 7 to 21 day intervals as long as needed. Do not apply when grass is stressed from heat, drought, etc. During periods of high daytime temperatures apply SM-9 in early morning or late afternoon.

DOLLAR SPOT (Sclerotinia Homeocarpa) Apply SM-9 at 3/8 fl. oz. to 3/4 fl. oz. in 1 gallon of water per 1,000 square feet beginning when the disease first appears. Repeat applications at 7 to 21 day intervals as long as needed. Do not apply when grass is stressed from heat, drought, etc. During periods of high daytime temperatures apply SM-9 in early morning or late afternoon.

NEMATODES Apply SM-9 at 3/4 fluid oz per 1000 square feet in one gallon of water. Irrigate with 1/4 to 1/2 inch of water within 12 to 24 hours of application. Repeat at 30 to 60 day intervals as long as needed. Do not apply when grass is stressed from heat, drought, etc. During periods of high daytime temperatures apply SM-9 in early morning or late afternoon.

WARRANTY STATEMENT

SMI warrants that this material 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 risks referred to therein. SMI MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL SMI OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS; LABOR COST; OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING. SMI and 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 SMI.

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**Chemigation Supplemental Label
For Products Bearing the Signal Word
DANGER**

Apply this product only through sprinkler including center pivot, lateral move, end low, side (wheel) roll, traveler, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

For center pivots, apply during one full revolution of the system.

For portable or solid set systems, apply during the final 15 minutes of the irrigation system. **DO NOT OPERATE IRRIGATION SYSTEM AFTER APPLICATION UNTIL DEPOSIT HAS THOROUGHLY DRIED.**

Public water system means a system for the provision to the public of piped water for human consumption, if such system has at least 15 serviced connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. For non-public water sprinkler chemigation systems, the system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment.

Center-pivot, Lateral Move, End Tow, Traveler Irrigation Equipment:
(Use only with electric or oil hydraulic drive systems which provide a uniform water distribution)

Determine size of area to be treated. Determine the time required to apply the area to be treated when the system and injection equipment are operated at normal pressures recommended by the equipment manufacturer. Using only water, determine the injection pump output when operated at normal line pressure. Determine the amount of SM-9 fungicide required to treat area. Add the required amount of SM-9 fungicide and sufficient water to meet the injection time requirements of the solution tank. Maintain constant solution tank agitation during the injection period. Stop injection equipment after treatment is completed. Continue to operate the system until SM-9 fungicide solution has cleared the sprinkler head.

Solid-set Side (wheel) Roll, and Hand Move Irrigation Equipment:

Determine acreage covered by sprinkler. Fill injector solution tank with water and adjust flow rate. Determine the amount of SM-9 fungicide required to treat area. Add the required amount of SM-9 fungicide into the same quantity of water used to calibrate the injection equipment. Maintain constant solution tank agitation during the injection period. Operate system at normal pressures recommended by the manufacturer of the injection equipment and used for the time interval established during calibration. Inject SM-9 fungicide at the end of the irrigation cycle or as a separate application to maximize coverage. Stop injection equipment after treatment is completed. Continue to operate the system until solution has cleared the sprinkler head.

POSTING INSTRUCTIONS

Posting of areas to be chemigated is required when any part of a treated area is within 300 feet of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, in-patient clinic, nursing homes, or any public areas such as schools, parks, playgrounds, or other public facilities not including public roads, or when chemigated area is open for the public, such as golf courses or retail greenhouses. This sign is in addition to any sign posted to comply with Worker Protection Standard.

Posting must conform to the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of material to prevent deterioration and maintain legibility for the duration of the posting period.

All words shall consist of letters at least 2 1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER.

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