

65864-1

6/15/2001

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Read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 2-28-95



United States Environmental Protection Agency Washington, DC 20460

Registration [] Amendment [X] Other []

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number: SM, INC. 65864-1
2. EPA Product Manager: Mary Waller
3. Proposed Classification: [X] None [] Restricted
4. Company/Product (Name): SM-9
5. Name and Address of Applicant: Safe Materials Inc, P.O. Box 1065, Valdosta, GA 31603
6. Expedited Review: NOTIFICATION JUN 15 2001

Section - II

Amendment - Explain below. [] Resubmission in response to Agency letter dated. [X] Notification - Explain below.
Final printed labels in response to Agency letter dated 3-16-01. [] "Me Too" Application. [] Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Add EPA Comments to 3/16/01 EPA stamped - approved SM-9 label.

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging [X] No, Unit Packaging [X] No, Water Soluble Packaging [X] No.
2. Type of Container: [X] Plastic.
3. Location of Net Contents Information: [X] Label, [X] Container.
4. Size(s) Retail Container: 2.5 gal.
5. Location of Label Directions: [X] on label.
6. Manner in Which Label is Affixed to Product: [X] Lithograph.

Section - IV

1. Contact Point: Name: Dennis W. Long, Title: Regulatory Affairs Consultant, Telephone No.: 912-559-3796.
Certification: I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete.
2. Signature: [Handwritten Signature], 3. Title: Regulatory Affairs Consultant, 4. Typed Name: DENNIS W. LONG, 5. Date: 5-4-01, 6. Date Application Received: (Stamped)

NOTIFICATION
JUN 15 2001

SM-9

Fungicide

ACTIVE INGREDIENTS:

Proprietary blend of linear secondary alcohols
reacted with ethylene oxide 99.97%

INERT INGREDIENTS: 0.03%

TOTAL: 100.00%

**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.)

FIRST AID

- | | |
|-------------------------------|--|
| 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 the eye. -Get medical attention at once. |
| IF SWALLOWED | <ul style="list-style-type: none"> -Call 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. |
| 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 INHALED | <ul style="list-style-type: none"> -Move person to fresh air. -If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. -Call a poison control center or doctor for further treatment advice. |

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.
SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA REG NO. 65864-1

SAFE MATERIALS, INC.
Valdosta, GA 31603

EPA EST. NO. 65864-GA-1

NET CONTENTS:

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND 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, chemical-resistant gloves made of any waterproof material, shoes plus socks and protective eyewear. Some 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 chart.

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Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

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 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 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, chemical-resistant gloves made of any waterproof material, shoes plus socks and protective eyewear.

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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 (WPS) for agricultural pesticides, 40 CFR part 170.

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The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

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 toxicants. 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, sod farms, lawns on Bentgrasses, Bluegrasses, Bermudagrasses, Fescues, Ryegrasses, St. Augustine, Zoysia, Centipede, Carpet grasses or their mixtures and on ferns. 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 foliar 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: THOROUGHLY FLUSH IRRIGATION SYSTEMS AND ASSOCIATED PIPING WITH CLEAN WATER FOLLOWING APPLICATION.

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

For control of the following diseases, 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.

LARGE BROWN PATCH (*Rhizoctonia Solani*)

PYTHIUM BLIGHT (*Meriotyllum*)

DOLLAR SPOT (*Sclerotinia homeocarpa*)

ANTHRACNOSE (*Colletotrichum graminicola*)

TAKE-ALL PATCH (*Gauemannomyces graminis*)

POWDERY MILDEW (*Erysiphe graminis*)

GRAY LEAF SPOT (*Piricularia grisea*)

GRAY SNOW MOLD (*Typhula incanta*) and PINK SNOW MOLD (*Microdochium nivale*): Apply SM-9 at 3/8 fl. oz. to 3/4 fl. oz. in 1 gallon of water per 1,000 square feet. Make first application in autumn before snow cover occurs. For optimal control, reapply this treatment if a winter thaw and loss of snow cover occurs.

NEMATODES: Apply SM-9 at 3/4 fl. oz. per 1,000 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.

FERNS

* To control PYTHIUM BLIGHT (*Meriotyllum*), ANTHRACNOSE (*Colletotrichum Acutatum*), RHIZOCTONIA BLIGHT (*Rhizoctonia Solani*) and NEMATODES on FERNS: Apply SM-9 as a uniform spray for full coverage at 3/8 fl. oz. to 3/4 fl. oz. in 1 gallon of water beginning when the disease first appears. Repeat applications at 7 to 21 day intervals as long as needed. Do not apply when ferns are stressed from heat, drought, etc. During periods of high daytime temperatures, apply SM-9 in early morning or late afternoon.

WARRANTY STATEMENT

SAFE MATERIALS, INC. 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. SAFE MATERIALS, INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL SAFE MATERIALS, INC. 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. SAFE MATERIALS, INC. 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 SAFE MATERIALS, INC.

Chemigation Supplemental Label
For Products Bearing the Signal Word

DANGER

Apply this product only through sprinkler including center pivot, lateral move, end tow, 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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