

fyb

11/6/96

PM 22 1812-384 P5 1/6

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 05-31-98



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number
243283

Application for Pesticide - Section I

| | | |
|--|--|--|
| 1. Company/Product Number 1812-384 | 2. EPA Product Manager Ms. Cynthia Giles-Parker | 3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name) Spin Out 440 | PM# 22 | |
| 5. Name and Address of Applicant (Include ZIP Code) Griffin Corporation PO Box 1847 Valdosta, GA 31603 <input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____ | |

Section - II

| | |
|--|--|
| <input type="checkbox"/> Amendment - Explain below. | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application. |
| <input checked="" type="checkbox"/> Notification - Explain below. | <input type="checkbox"/> Other - Explain below. |

NOTIFICATION
NOV 6, 1996

Explanation: Use additional page(s) if necessary. (For section I and Section II.)
Revision of Warranty Statement and brand name change from GX-446 to Spin Out 440.

Section - III

| | | | | | |
|---|---|--|--|---|--|
| 1. Material This Product Will Be Packaged In: | | | | 2. Type of Container | |
| Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No | Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | If "Yes" Unit Packaging wgt. No. per container | | <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____ |
| * Certification must be submitted | | If "Yes" Package wgt | No. per container | | |
| 3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(s) Retail Container | | 5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product | |
| 6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled | | | <input type="checkbox"/> Other _____ | | |

Section - IV

| | | |
|---|--|---|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | |
| Name Tim McPherson | Title International Registration Specialist | Telephone No. (Include Area Code) (912) 242-8035 |
| 2. Signature | | 6. Date Application Received (Stamped) |
| 3. Title International Registration Specialist | | |
| 4. Typed Name Tim McPherson | 5. Date October 16, 1996 | |

Spin Out[®] 440

**ROOT CONTROL PRODUCT
MANUFACTURING FACILITY USE ONLY**

Active Ingredients:

| | |
|-----------------------------|--------|
| Basic Copper Carbonate..... | 96.0% |
| Inert Ingredients | 4.0% |
| TOTAL | 100.0% |

NOTIFICATION

Metallic copper equivalent 55%
Nov 6, 1996

**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 the label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with a gentle stream of water for 15 minutes. Get medical attention.

IF SWALLOWED: Call a physician or poison control center. Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

IF INHALED: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate gastric lavage.

See side/back for additional "Precautionary Statements." **Label for Additional Precautions and Directions for Use.**

Griffin Corporation
Valdosta, GA 31601

EPA REG. NO. 1312-384
EPA EST. NO. 45450-AZ-1

NET CONTENTS: _____ Lbs.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)
DANGER**

Corrosive. Causes irreversible eye damage. Harmful if swallowed, absorbed through skin, or inhaled. Do not get in eyes, on skin or on clothing. Avoid breathing dust. Wear goggles or face shield and protective clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Repeated or prolonged skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

STORAGE AND DISPOSAL

STORAGE: Store product in a secure dry place and keep product dry. When opening, closing or handling open packages, or pouring product, wear goggles to keep dust out of eyes. Spilled product should be swept up, used if clean, or disposed of on site. Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Store product only in original container. During storage, store pesticides separately to prevent cross-contamination of other pesticides, fertilizers, food or feed.

DISPOSAL: Do not contaminate water, food, or feed by storage or disposal of this product. Do not reuse container. Completely empty bag; 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.

SPECIAL PRECAUTIONS

NOTE: This product may be reactive on masonry and metal surfaces such as galvanized roofing. Avoid contact with metal surfaces.

NOTE: It must be determined in the selection process if proper application and molding equipment are available and if the waste associated with their use can be properly handled. Materials used in the construction of application and molding equipment are also important factors as this product may be reactive with soft metals such as aluminum and even some synthetic materials such as plastics, rubbers, etc. Therefore it is necessary when working with equipment containing these materials that they are thoroughly flushed with clean water after each day's use.

APPLICATION DIRECTIONS

NOTE: The actual rate used is dependent on the length of activity desired. Use the higher rate when greater length of effect is required.

FIBER CONTAINERS

The addition of Spin Out 440 to fiber pot pulp prior to molding will extend container life and control spiral root growth of container-grown plants. Add Spin Out 440 to paper pulp mix at the rate of 1-2% of dry fiber weight. Spin Out 440 should be mixed evenly throughout the pulp before molding. Drop a two pound beater bag of Spin Out 440 into the mixing vat while actively blending the paper for each 100 - 200 pounds of dry paper (beater bags are available in 10 pound bags for larger vats).

PLASTIC FILM AND CONTAINERS

The addition of Spin Out 440 to plastic resin prior to molding or sheeting will control spiral root growth of container-grown plants. Add Spin Out 440 to plastic resin mix at the rate of 2-5% of dry resin weight (example: 2-5 lbs. of Spin Out 440 mixed with 100 lbs. of dry resin). Spin Out 440 should be mixed evenly throughout the plastic resin before molding or sheeting.

STYROFOAM PLANT CONTAINERS

The addition of Spin Out 440 to styrofoam beads prior to molding will extend container life by controlling root penetration. Add Spin Out 440 to styrofoam beads at the rate of 0.5-2% of dry styrofoam bead weight (example: 0.5-2 lbs. of Spin Out 440 mixed with 100 lbs. of styrofoam beads). When the styrofoam beads are thoroughly coated with Spin Out 440, the mixture can be molded into containers.

POT AND TRAY INSERTS FOR NURSERY PLANT PRODUCTION

Spin Out 440 can be mixed with latex carriers (40-60%) cleared for use on growing crops under 40 CFR §180.1001 to produce various pot and tray inserts. These mixtures should produce suspensions of 26% (by weight) Spin Out 440. Inserts made of paper, cardboard, plastic, foil, woven and non-woven fabric or

other suitable material, that has been evenly sprayed or coated with Spin Out 440 suspensions, on one or both sides, can be placed in a container to cover the inner surface. Insert material may be coated with Spin Out 440 suspensions by any appropriate industrial coating machinery, such as roll coating, printing press, doctors blade, or other equipment that will provide an even coating on the material. Inserts must cover the inner surface without tears holes or gaps in coverage and should be trimmed around the top of the pot with scissors, if needed. Dispose of trimmings in a sanitary landfill, or by burning, or if allowed by state and local authorities, wrap trimmings in newspaper and place in trash collection. If burned, stay out of smoke.

Coated rigid plastics can also be molded into various container shapes and sizes by vacuum-forming.

LANDSCAPE, INDUSTRIAL USE FABRICS

Spin Out 440 can be mixed with latex carriers (40-60%) cleared for use on growing crops under 40 CFR §180.1001 to coat woven and non-woven fabrics. These mixtures should produce suspensions of 26% (by weight) Spin Out 440. The coatings, when applied at the manufacturers facility, allow the fabric to be used for covering greenhouse benches/floors, tray/pot bottoms, nursery, landscape, industrial, and garden matting (under mulches and pavements) to extend fabric life and prevent root penetration of the barrier from both below and above the fabric. The fabric can also be used as an underground pipe wrap to prevent root from penetrating the pipe. Spin Out 440 suspensions can be applied to fabric by dipping, spraying or coating with any appropriate industrial coating machinery, such as roll coating, printing press, doctors blade, or other equipment that will provide an even coating on the material. Fabric must be evenly coated with Spin Out 440 suspensions on one or both sides.

PLANT RESPONSE

Spin Out 440 has been extensively researched; however, testing has not been conducted on all species or cultivars, or under all growing conditions. In some instances, performance characteristics may vary. For a complete listing of tested plant species contact the Griffin Corporation Technical Services Group at (800) 237-1854.

WARRANTY STATEMENT

GRIFFIN warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. 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 the manner of use or application, all of which are beyond the control of GRIFFIN. In no case shall GRIFFIN be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. **The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damages resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall not exceed the purchase price paid for this product or, at Griffin Corporation's election, the replacement of this product. GRIFFIN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

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