

5481-91

05/09/2000

Please read instructions on reverse before completing form.

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

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United States
Environmental Protection Agency
Washington, DC 20460

- Registration
- Amendment
- Other

OPP Identifier Number
3381-2

Application for Pesticide - Section I

1. Company/Product Number 5481-91	2. EPA Product Manager Tina Levine (Br. Chief)	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Trails' End LG Large Granule	PM# 04	
5. Name and Address of Applicant (Include Zip Code) AMVAC Chemical Corporation 4695 MacArthur Court, Suite 1250 Newport Beach, CA 92660 <input checked="" 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
MAY 9 2000

Explanation: Use additional page(s) if necessary. (For Section I and Section II.
Notification: Establish an alternate brand name: "Trail's End LG Large Granules", under this registration number.

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No * Certification must be submitted	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Unit Packaging wt. No. per container	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes" Package wt. No. per container	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input checked="" type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container 25; 50 pound bag	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithographed <input type="checkbox"/> Stenciled <input checked="" type="checkbox"/> Paper glued <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 Jon C. Wood	Title Regulatory Manager	Telephone No. (Include Area Code) 949-260-1212 323-526-2388
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		8. Date Application Received (Stamped)
2. Signature 	2. Title Regulatory Manager	
3. Typed Name Jon C. Wood	4. Date May 1, 2000	

TRAIL'S END™ LG

LARGE GRANULE

NOTIFICATION
MAY 9 2000

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A SOIL SURFACE TREATMENT FOR CONTROL OF SNAILS AND SLUGS IN FIELD CROPS - DICHONDRA & TURFGRASS LAWNS - ORNAMENTAL PLANTS & GREENHOUSES - SEED CROPS - SMALL FRUITS & BERRIES - TREE CROPS - VEGETABLE CROPS & GARDENS

ACTIVE INGREDIENT:

Metaldehyde (2,4,6,8-tetramethyl-1,3,5,7-tetraoxycyclo-octane).....	3.5%
INERT INGREDIENTS:	96.5%
Total	100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Call a physician or Poison Control Center immediately. **IF ON SKIN:** Wash with soap and warm water. **IF IN EYES:** Flush with flowing water. Get medical attention if irritation persists.

**THIS PESTICIDE MAY BE FATAL TO DOGS OR OTHER PETS IF EATEN.
KEEP PETS OUT OF TREATED AREAS.**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DO NOT TAKE INTERNALLY. DO NOT GET IN EYES. DO NOT GET ON SKIN.

CAUTION: May be harmful if swallowed, inhaled, or absorbed through the skin. Do not breathe dust, get in eyes, on skin or on clothing. If poisoning occurs, obtain prompt medical aid. Keep granules away from dogs and pets. Bait may be attractive to dogs. Confine pets during application to prevent them from believing they are being fed.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants; waterproof gloves; socks; and shoes. 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
User 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. 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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or indirectly or through drift. Only protected handlers may be in the area during application.

IMPORTANT: Read entire label. Use in accordance with precautionary statements and directions, and with applicable Federal and State regulations. **DO NOT APPLY DIRECTLY ONTO PLANTS.** Do not allow bait to contact the edible portion of any food crop.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 5481-91

EPA EST. NO. 5481-CA-1

AMVAC CHEMICAL CORPORATION

4100 East Washington Boulevard, Los Angeles, CA 90023 U.S.A.

Net Weight: As Marked on Container

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 (REI). 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 of 12 hours. PPE required for early entry to treated areas permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements of this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR, Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries, or greenhouses. Confine pets during application to prevent them from believing they are being fed.

USE PRECAUTIONS

Read entire label before using. Use only as a baiting treatment to be applied directly to the soil area beneath plants as listed on this label. Do not allow bait granules to come in contact with parts of plant that may be used for food or feed purposes. The grower is responsible for residues on his crops, as well as for damages caused by drift from his property to that of others. Do not allow drift to adjoining food, fiber or pasture crops. NOTE: TRAIL'S END LG should never be applied to dry soil. Applications should be made following irrigation for best results. Apply any time of the day but evening applications are preferred. Do not re-water for 48 hours after application.

GENERAL INFORMATION

Snails and slugs are nocturnal and generally feed during the night damaging many varieties of plants and plant seedlings. They inhabit damp, moist areas around decaying refuse, organic matter, beneath boards, rocks and trash piles and hide at the base of growing plants. Their presence can be detected by the shiny trails left on the soil surface, sidewalks, driveways, etc.

APPLICATION RATE

For control of SNAILS and SLUGS in the following areas, use one pound to treat 1,100 to 1,500 sq. ft. of soil surface equivalent to 30 to 40 pounds of granules per acre, unless otherwise noted below. Apply when first plant damage appears or is anticipated and repeat as needed for control.

FIELD CROPS

Cereal Grains (Barley, Oats, Wheat), Corn, Legumes (Alfalfa, Beans, Clover, Cowpeas, Peas), Mint: Band application over seed line at planting or slightly later. Repeat applications may be made if needed. Apply up to 20 pounds per acre. Total pounds of formulation applied must not exceed 86 pounds (3 pounds a.i.) per acre per growing season.

DICHONDRA AND/OR TURFGRASS LAWNS

Water infested area thoroughly before application. Broadcast TRAIL'S END LG directly on lawn or turf. Spread evenly. One pound will cover up to 1,500 sq. ft. Do not re-water for 48 hours.

ORNAMENTAL PLANTS

ORNAMENTAL GARDENS, PLANTED BORDERS AND GROUND COVERS: Including Azaleas, Begonias, Camellias, Chrysanthemums, Daffodils, Daisies, Geraniums, Honeysuckle, Hydrangeas, Ice Plant, Impatiens, Iris, Marigolds, Pansies, Petunias, Rhododendron, Roses, Sweet Peas, Snapdragons, Spathiphyllum, Tulips. Water the infested area thoroughly before application. Broadcast or sprinkle TRAIL'S END LG evenly over the infested areas and along edges of flowerbeds adjacent to border or ground cover plants. Also apply on ground at base of fences and walls in shady, protected locations. One pound will cover up to 1,100 sq. ft. Do not re-water for 48 hours.

ORNAMENTAL GREENHOUSES

Water or irrigate greenhouse soil to be treated before application. Broadcast TRAIL'S END LG liberally around greenhouse, under benches in greenhouse and around plants; any place where SNAILS and SLUGS might congregate. Do not apply directly to plants unless prior experience has shown the plant to be tolerant to this product. Most plants are tolerant to TRAIL'S END LG. However, some slight tip burning has been noticed on extremely tender orchids. One pound will cover up to 1,100 sq. ft. Do not re-water for 48 hours. NOTE: This product has proven to have a reasonable residual control. However, for heavily infested greenhouses, a second application is recommended 7 to 10 days following the first application to bring the house under control.

SEED CROPS

Legumes (Alfalfa, Beans, Clover, Peas): Apply up to 20 pounds per acre. Total pounds of formulation applied must not exceed 86 pounds (3 pounds a.i.) per acre per growing season.

Beets, Cabbage, Carrots, Collards, Flowers, Grasses, Kale, Kohlrabi, Mustard, Radish, Sugar Beets, Turnips: Apply up to 40 pounds per acre. Total pounds of formulation applied must not exceed 129 pounds (4.5 pounds a.i.) per acre per growing season.

Cauliflower, Lettuce, Spinach, Swiss Chard, Tobacco: Apply up to 40 pounds per acre. Total pounds of formulation applied must not exceed 86 pounds (3 pounds a.i.) per acre per growing season.

SMALL FRUITS AND BERRIES

Strawberries: Band application in borders and around perimeter of crop. Apply up to 40 pounds per acre. Total pounds of formulation applied must not exceed 129 pounds (4.5 pounds a.i.) per acre per growing season.

Grapes: Band application between rows. Apply up to 40 pounds per acre. Total pounds of formulation applied must not exceed 129 pounds (4.5 pounds a.i.) per acre per growing season.

Blackberries, Blueberries, Cranberries, Loganberries, Raspberries: Apply up to 40 pounds per acre. Total pounds of formulation applied must not exceed 86 pounds (3 pounds a.i.) per acre per growing season.

TREE CROPS

Broadcast liberally under trees, around irrigation pipes, farm buildings and any other place where SLUGS and SNAILS may congregate.

Citrus (Oranges, Lemons, Grapefruit, etc.): Apply up to 40 pounds per acre. Total pounds of formulation applied must not exceed 214 pounds (7.5 pounds a.i.) per acre per year.

Apples, Apricots, Avocados, Cherries, Peaches, Pears: Apply up to 40 pounds per acre. Total pounds of formulation applied must not exceed 86 pounds (3 pounds a.i.) per acre per year.

VEGETABLE CROPS AND GARDENS

Beets, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Garlic, Ginseng, Horseradish, Kale, Kohlrabi, Leeks, Mustard Greens, Onions, Parsnips, Potatoes, Radishes, Rutabagas, Salsify, Shallots, Sweet Potatoes, Turnips: Apply up to 40 pounds per acre. Total pounds of formulation applied must not exceed 129 pounds (4.5 pounds a.i.) per acre per growing season.

Asparagus, Beans, Black-eyed Peas, Cantaloupe, Cucumbers, Eggplant, Endive, Lettuce, Melons, Okra, Peas, Peppers, Pimentos, Pumpkins, Rhubarb, Spinach, Squash, Swiss Chard, Tomatoes, Watermelons: Apply up to 40 pounds per acre. Total pounds of formulation applied must not exceed 86 pounds (3 pounds a.i.) per acre per growing season.

Artichokes: Apply 40 pounds per acre. Total pounds of formulation applied must not exceed 171 pounds (6 pounds a.i.) per acre per year.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original labeled container in a cool, dry, locked place out of the reach of children. Keep container tightly closed when not in use. Do not store in direct sunlight. **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.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conform to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. IN NO EVENT, SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY

Transportation: CHEMTREC 1-800-424-9300
Other: AMVAC 1-323-264-3910

™ A trademark of Amvac Chemical Corporation.

01 May, 2000

Ms. Tina Levine
Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504C)
Insecticide-Rodenticide Branch
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

**Subject: Notification of Alternate Brand Name:
Trail's End LG Large Granule, (EPA Reg. No. 5481-91)**

Dear Ms. Levine:

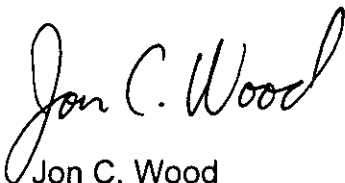
The enclosed notification amendment is submitted to establish the alternate brand name "Trail's End LG Large Granule" in order to market as an alternative formulation of Amvac's Trail's End 3.5 (EPA Reg. No. 5481-91).

In support of this notification, please find the following documents enclosed:

- Registration Application (EPA form 8570-1).
- Five copies of Trail's End LG Large Granule product labeling (Ref. No. - 000426r1).

If you have any questions or require additional information, please don't hesitate to contact me at 949-260-1212, or 323-526-2388 voicemail, or jonwood@earthlink.net. Thank you for your attention to this matter.

Regards,



Jon C. Wood
Regulatory Manager