

PM-14

Reg # 66352-1

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Please 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
 Other

OPP Identifier Number
215291

Application for Pesticide - Section I

1. Company/Product Number 66352-1	2. EPA Product Manager Peacock	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Garlic Barrier	PM# 14	
5. Name and Address of Applicant (Include ZIP Code) Garlic Research Labs 624 Ruberta Avenue Glendale, CA 91201 <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.

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

Reduced REI

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		<input type="checkbox"/> Metal	<input type="checkbox"/> Plastic
				<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	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"/>	
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 Bill E. Brock	Title Director	Telephone No. (Include Area Code) 818-247-9600
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.		6. Date Application Received (Stamped)
2. Signature 	3. Title Director	
4. Typed Name Bill E. Brock	5. Date 10-6-95	

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SHAKE WELL

MIXING DIRECTIONS

Shake container well or stir contents thoroughly before mixing. Mix one part Garlic Barrier to 10 parts water. After mixing concentrate, agitate again before spraying to prevent settling.

APPLICATION DIRECTIONS

TIMING: Apply as a preventative treatment prior to insect infestation. Make the first application at foliar emergence and repeat on a 10-14 day spray schedule to maintain the repellency effect. On food crops, Garlic barrier may be used up to 12 hours of harvest, DO NOT apply just prior to or during pollination as Garlic Barrier repels bees and, therefore, adversely affects pollination.

METHOD OF APPLICATION: Garlic Barrier may be applied by air or ground equipment.

RATE OF APPLICATION: Set equipment to thoroughly wet foliage or about one gallon per 1/5th acre. Garlic Barrier is compatible with most surfactants and conventional pesticides. The most effective ambient temperature range for application is 60 to 85 degrees F.

MAXIMUM NUMBER OF APPLICATIONS: 10 applications per growing season.

AFTER TASTE: Garlic Barrier will leave NO "After Taste".

STORAGE AND DISPOSAL

STORAGE: The optimum storage temperature is between 35 and 90 degrees F to prevent product degradation. Do not freeze. Do not store in direct sunlight. Do not use or store near heat, open flame or hot surfaces.

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or diluted material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage.

DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food, or feed by disposal. Rinse container thoroughly, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

GARLIC BARRIER™

INSECT REPELLENT

Keeps insects from getting on plants and trees.

Applied product becomes odorless in minutes.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

KEEP OUT OF REACH OF CHILDREN

CAUTION: Avoid contact with eyes. If in eyes, flush with plenty of water.

PERSONAL PROTECTIVE WORK CLOTHING:

Applicators and other handlers must wear Long sleeve shirt and long pants, shoes plus socks.

NOTICE: Distributor and Manufacturer disclaim all crop liability for product users (farmers, etc.) when product is used in a manner inconsistent with labeling.

EPA Registration No. 66352-1

EPA EST No. 66352-CA-1

Manufactured by:

Garlic Research Labs

624 Ruberta Avenue, Glendale, CA 91201-2335

MADE IN USA

ACTIVE INGREDIENT: GARLIC JUICE 10%

INERT INGREDIENTS: 90%

TOTAL: 100%

(Contains 0.83 lbs. of Garlic Juice per Gallon)

NET WEIGHT PER GALLON: 8.25 lbs / 3.8 L

SHAKE WELL

DIRECTIONS FOR USE 10-11-95
It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

AGRICULTURAL USE REQUIREMENTS

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.

Use this product only in accordance with its labeling and with the Workers Protection Standard, 40 CFR 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).

Do not enter or allow workers entry into treated areas during the REI of 4 hours. PPE and work clothing 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, and shoes plus socks.

For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

USE RESTRICTIONS:

For repelling the pests listed below at the indicated sites.

Not warranted to kill insects.

Do not use material if it cannot be applied according to the use patterns on the label.

Do not let mixture stand in tank overnight.

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USE RESTRICTIONS:

Garlic Barrier is registered for the following Sites and Pests:

Brassica Vegetables - (Broccoli, Brussels Sprouts, Cabbages, Chinese Mustard, Cauliflower, Collards, Kale, Kohlrabi, and Mustard Greens) : For repelling Aphids, Beetles, Caterpillars, Cutworms, Loopers, Maggots, Weevils, Whiteflies, and Wireworms.

Bulb Vegetables - (Garlic, Leek, Onion, and Shallot): For repelling Armyworms, Leafminers, Maggots, Thrips, and Wireworms.

Cereal Grains - (Barley, Buckwheat, Corn, Millet, Oats, Popcorn, Rye, Wheat, and Wild Rice): For repelling Aphids, Armyworms, Beetles, Borers, Cutworms, Earworms, Grasshoppers, Maggots, Mites, Rootworms, White Grubs, and Wireworms.

Citrus - (Calamondin, Grapefruits, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines): For repelling Aphids, Cutworms, Leafrollers, Mites, Scale, Thrips, and Whiteflies.

Cotton - For repelling Aphids, Armyworms, Bollworms, Boll Weevils, Cotton Leaf Perforator, Cutworms, Fleahoppers, Loopers, Lygus Bugs, Mites, Saltmarsh Caterpillar, Thrips, Webworms, and Whiteflies.

Cucurbit Crops - (Cucumbers, Cantaloupe, Casaba Melons, Gherkins, Gourds, Honeydew Melons, Mango Melons, Muskmelons, Pumpkins, Summer and Winter Squash, and Watermelons): For repelling Aphids, Beetles, Leafhoppers, Leafminers, Loopers, Mites, Thrips, Whiteflies, and Wireworms.

Forage Crops - (Alfalfa, Clovers, Grasses, Timothy, and Vetch): For repelling Aphids, Armyworms, Caterpillars, Chinch Bugs, Cutworms, Grasshoppers, Japanese Beetles, Leafhoppers, Lygus Bugs, Mites, Spittlebugs, Thrips, Weevils, and Webworms.

Fruiting Vegetables - (Bell Peppers, Chile Peppers, Cooking Peppers, Eggplant, Ground Cherry, Pepinos, Pimentos, Sweet Peppers, Tomatillo, and Tomatoes): For repelling Aphids, Beetles, Cutworms, Fruitworms, Hornworms, Leafminers, Loopers, Mealybugs, Mites, Plant Bugs, Whiteflies, and Wireworms.

Kiwi - For repelling Japanese Beetles.

Leafy Vegetables - (Celery, Cress, Endive, Fennel, Lettuce, Orach, Spinach, and Swiss Chard): For repelling Aphids, Earworms, Grasshoppers, Leafhoppers, Leafminers, Loopers, Sowbugs, Webworms, Whiteflies, and Wireworms.

Legume Vegetables - (Beans, *including Phaseolus Spp., Lupinus Spp., and Vigna Spp.*, Broad Beans, Chick Peas, Guar, Jackbean, Lablab Beans, Lentils, Peas, and Soybeans): For repelling Aphids, Beetles, Borers, Curculios, Cutworms, Earworms, Leafhoppers, Leafrollers, Loopers, Lygus Bugs, Maggots, Mites, Plant Bugs, Weevils, Whiteflies, and Wireworms.

Nut Trees - (Almond, Beech Nut, Brazil Nut, Butternut, Chestnut, Chinquapin, Filbert, Hickory Nut, Macadamia Nut, Pecan, Walnut): For repelling Aphids, Beetles, Borers, Bud Moths, Carpenterworms, Casebearers, Catocalas, Curculios, Gall Wasps, Leafminers, Mites, Phylloxera, Plant Bugs, Sawflies, Scale, Shuckworms, Spittlebugs, Twig Girdlers, Walnut Caterpillars, Webworms, Weevils.

Ornamentals - (Flowers, Shrubs, and Trees): For repelling Aphids, Bagworms, Beetles, Borers, Chafers, Curculios, Cutworm, Leafhoppers, Leafminers, Leafrollers, Maggots, Mealybugs, Mites, Plant Bugs, Sawflies, Scale, Spittlebugs, Webworms, and Whiteflies.

Peanuts - For repelling Aphids, Armyworms, Earworms, Cutworms, Leafhoppers, Mites, Rootworms, and Thrips.

Pome Fruit Trees - (Apples, Crabapples, Mayhaws, Pears, Quince): For repelling Aphids, Appleworms, Casebearers, Codling Moths, Curculios, Leafhoppers, Leafminers, Leafrollers, Maggots, Mealy Bugs, Mites, Plant Bugs, Psylla, Sawflies, Scale.

Root and Tuber Vegetables - (Artichokes, Beets, Burdock, Carrots, Cassava, Chicory, Ginger, Ginseng, Horseradish, Parsely, Parsnip, Potatoes, Radish, Rutabaga, Salsify, Sweet Potatoes, Turnips, and Yams): For repelling Armyworms, Beetles, Chinch Bugs, Grasshoppers, Leafhoppers, Leafminers, Mites, Plant Bugs, Psyllids, Rust Flies, Slugs, Symphylans, Thrips, Tuberworms, Weevils, Whiteflies, White Grubs, and Wireworms.

Small Fruits and Berries - (Blackberries, Blueberries, Boysenberries, Cranberries, Currants, Dewberries, Elderberries, Grapes, Gooseberries, Huckleberries, Olallieberries, Raspberries, Strawberries, Youngberries): For repelling Ants, Aphids, Beetles, Borers, Cambium, Chafers, Curculios, Cutworms, Earwigs, Fruitworms, Grubs, Leafhoppers, Leafminers, Leafrollers, Maggots, Mealy Bugs, Mites, Phylloxera, Plant Bugs, Rootworms, Sawflies, Scale, Slugs, Spittlebugs, Stem Girdlers, Thrips, Tortrix, Tree Crickets, Weevils, Whiteflies, White Grubs, and Wireworms.

Stone Fruit Trees - (Apricots, Cherries (sweet and sour), Nectarines, Peaches, Plums): For repelling Aphids, Beetles, Borers, Fruit Flies, Fruit Moths, Leafminers, Mites.