

5905-531

03/11/2005

1/5

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080. Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

**Application for Pesticide - Section I**

1. Company/Product Number 5905-531	2. EPA Product Manager	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Alltyn Insect Repellent	PM#	
5. Name and Address of Applicant (Include ZIP Code) Helena Chemical Company 225 Schilling Boulevard, Suite 300 Collierville, Tennessee 38017 <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 _____	<b>NOTIFICATION</b>  MAR 11 2005
<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.)**Other Revisions**

Notification of Other Revisions per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

1. Material This Product Will Be Packaged In:					
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* 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 checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input checked="" type="checkbox"/> On Label	
6. Manner in Which Label is Affixed to Product Self Adhesive		<input checked="" type="checkbox"/> Lithograph Paper glued 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 Mandy K. Styles	Title Product Registration Supervisor	Telephone No. (Include Area Code) (901) 752-4420
<b>Certification</b> 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 Product Registration Supervisor	
4. Typed Name Mandy K. Styles	5. Date 3/1/2005	



**Insect Repellent**

MANUFACTURED BY  
HELENA CHEMICAL COMPANY  
225 SCHILLING BOULEVARD, SUITE 300  
COLLIERVILLE, TENNESSEE 38017

2/5  
**NOTIFICATION**

**MAR 11 2005**

## AGRICULTURAL USES

### ACTIVE INGREDIENT:

Garlic Juice Extracts.....50.00%

INERT INGREDIENTS:.....50.00%

TOTAL.....100.00%

Contains 4.25 lbs. of garlic juice per gallon.

### KEEP OUT OF REACH OF CHILDREN

## CAUTION

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans & Domestic Animals

## CAUTION

Harmful if swallowed or absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

### FIRST AID

#### IF SWALLOWED:

- Call a 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 by a poison control center or doctor.
- Do not give anything to an unconscious or convulsing person.

#### IF ON EYES:

- 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.
- Call a poison control center or doctor for treatment advice.

#### IF ON SKIN:

- 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:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably 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.

### SEE INSIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO.: 5905-531, EPA EST. NO.: , , ,

NET CONTENTS: SN 0897/0101

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: Long-sleeved shirt and long pants, shoes plus socks.

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.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### USER SAFETY RECOMMENDATIONS

- Wash hands before eating drinking, chewing gum, using tobacco or using the toilet.

### 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 cleaning equipment or disposing of equipment washwaters.

This product functions as an insect repellent and may repel pollinating bees. DO NOT apply less than three days before bee pollination is expected.

### CHEMIGATION STATEMENT

Do not apply this product through any type of irrigation system.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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 regulations.

### 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 apply to uses of this product that are covered by the Worker Protection Standard.

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  
Shoes plus socks

#### 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 for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to protect agricultural plants on farms, forests, nurseries, or greenhouses. Keep unprotected persons out of treated areas until sprays have dried.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** The optimal storage temperature is between 35°F and 135°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 or animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lid and close tightly.

**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:** Triple rinse (or equivalent). 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.

In the event of a major spill, fire or other emergency, call 800-424-9300 day or night.

#### GENERAL INFORMATION

**ALLITYN™** is an extract of garlic that may function as an insect repellent when applied to a wide range of agricultural and ornamental plants. **ALLITYN™** contains no synthetic chemical active ingredients, or inerts and is completely biodegradable. **ALLITYN™** may be used alone or in combination with most pesticides and plant nutritional products. This product is not warranted to kill insects, but is to be used as a repellent.

#### RECOMMENDED USE RATES

Use **ALLITYN™** at the rate of 4 ozs. to 32 ozs/acre in 10 - 150 gallons total spray volume for ground applications. Use 2 ozs. to 16 ozs/acre in 1 - 10 gallons of total spray volume for applications by air. Best results are obtained when **ALLITYN™** is applied as pest pressures are anticipated or first become measurable. Repeat application between 7 and 14 days. Repeat applications

are dependent upon the results of field scouting reports of insect pressures.

Do not make more than 21 applications of **ALLITYN™** per growing season. Do not apply **ALLITYN™** within 12 hours of harvest.

#### MIXING INFORMATION

Shake container well prior to use. Water used for spray mix preparation should be adjusted to a range of pH 5 - 7 prior to adding **ALLITYN™**. Buffering or water conditioning agents, such as **QUEST®** or **BUFFER PS** should be used to obtain the recommended pH range. Spraying mixes containing **ALLITYN™** must be agitated at all times and should be applied within 12 hours of mixing.

#### SITES/PESTS

##### VEGETABLES

##### COLE CROPS (BRASSICA LEAFY):

Broccoli, Brussels Sprouts, Cabbage, Chinese Cabbage, Canola, Cauliflower, Chinese Mustard, Collards, Kale, Kohlrabi, Mustard Greens, Rape. **Repelling:** Aphids, Beetles, Caterpillars, Loopers, Maggots, Weevils, Whiteflies.

##### CUCURBITS:

Cantaloupe, Casaba Melons, Cucumbers, Gherkins, Gourds, Honeydew Melons, Mango Melons, Muskmelons, Pumpkins, Summer Squash, Watermelons, Winter Squash. **Repelling:** Aphids, Beetles, Leafhoppers, Leafminers, Loopers, Mites, Pickleworms, Thrips, Whiteflies.

##### LEAFY VEGETABLES (EXCEPT BRASSICA):

Celery, Cress, Endive, Fennel, Lettuce, Orach, Spinach, Swiss Chard. **Repelling:** Aphids, Earworms, Grasshoppers, Leafhoppers, Leafminers, Loopers, Sowbugs, Webworms, Whiteflies.

##### ROOT, TUBER AND BULB VEGETABLES:

Artichokes, Beets, Burdock, Carrots, Cassava, Chicory, Garlic, Ginger, Ginseng, Horseradish, Leek, Onion, Parsley, Parsnip, Potato, Radish, Rutabaga, Salsify, Shallot, Sweet Potato, Turnips, Yams. **Repelling:** Armyworms, Beetles, Chinch Bugs, Grasshoppers, Leafhoppers, Leafminers, Leafrollers, Maggots, Mealybugs, Mites, Plant Bugs, Sawflies, Scale, Slugs, Spittlebugs, Stem Girdlers, Thrips, Tree Crickets, Tortrix, Weevils, Whiteflies.

##### FRUITING VEGETABLES:

Bell Peppers, Chile Peppers, Cooking Peppers, Eggplant, Ground Cherry, Pepinos, Pimentos, Sweet Peppers, Tomatillo, Tomatoes. **Repelling:** Aphids, Beetles, Fruitworms, Hornworms, Leafminers, Loopers, Mealybugs, Mites, Plant Bugs, Whiteflies.

##### LEGUMES:

Beans including *Lupinus spp.*, *Phaseolus spp.* and *Vigna spp.*, Broad Beans, Chick Peas, Guar, Jackbean, Lablab Beans, Lentils, Peas, Soybeans. **Repelling:** Aphids, Beetles, Borers, Curculios, Earworms, Leafhoppers, Leafrollers, Loopers, Lygus Bugs, Maggots, Mites, Plant Bugs, Thrips, Whiteflies.

##### FIELD CROPS

**CEREAL GRAINS:**

Barley, Buckwheat, Corn, Millet, Oats, Popcorn, Rye, Wheat, Wild Rice. **Repelling:**

Aphids, Armyworms, Beetles, Borers, Earworms, Grasshoppers, Maggots, Mites.

**COTTON:** **Repelling:** Aphids, Armyworms, Boll Weevils, Bollworms, Cotton Leafperforator, Fleahoppers, Loopers, Lygus Bugs, Mites, Saltmarsh Caterpillar, Thrips, Webworms, Whiteflies.

**FORAGE:** Alfalfa, Clovers, Grasses, Timothy, Vetch.

**Repelling:** Aphids, Armyworms, Caterpillars, Chinch Bugs, Fleas, Grasshoppers, Japanese Beetles, Leafhoppers, Lygus Bugs, Mites, Spittlebugs, Thrips, Webworms, Weevils, Whiteflies.

**PEANUTS:** **Repelling:** Aphids, Armyworms, Beetles, Earworms, Leafhoppers, Mites, Thrips, Whiteflies.

**TREE CROPS****CITRUS:**

Calamondin, Grapefruits, Kumquats, Lemons, Limes, Oranges, Tangelos, Tangerines. **Repelling:** Aphids, Leafrollers, Mites, Scale, Thrips, Whiteflies.

**NUT:**

Almonds, Beech Nut, Brazil Nut, Butternut, Chestnut, Chinquapin, Filberts, Hickory Nut, Macadamia Nut, Pecan, Walnut. **Repelling:** Aphids, Beetles, Borers, Bud Moths, Carpenterworms, Casebearers, Catocalas, Curculios, Mites, Gall Wasps, Leafminers, Plant Bugs, Sawflies, Scale, Shuckworms, Spittlebugs, Twig Girdlers, Walnut Caterpillars, Webworms, Weevils, Whiteflies.

**POME FRUIT:**

Apple, Crabapple, Mayhaw, Pear, Quince. **Repelling:** Aphids, Appleworms, Casebearers, Codling Moths, Curculios, Leafhoppers, Leafminers, Leafrollers, Maggots, Mealy Bugs, Mites, Plant Bugs, Psylla, Sawflies, Scale, Whiteflies.

**STONE FRUIT:**

Apricots, Nectarines, Peaches, Plums, Sweet and Sour Cherries. **Repelling:** Aphids, Beetles, Borers, Fruit Flies, Fruit Moths, Leafminers, Leafrollers, Mites, Weevils, Whiteflies.

**OTHER**

**HERBS:** **Repelling:** Aphids, Armyworms, Beetles, Caterpillars, Hornworms, Leafminers, Loopers, Mealybugs, Mites, Plant Bugs, Thrips, Weevils, Whiteflies.

**HOPS:** **Repelling:** Aphids, Leafhoppers, Mites, Moths and Thrips.

**KIWI:** **Repelling:** Aphids, Japanese Beetles, Loopers, Mealy Bugs, Mites, Thrips, Whiteflies.

**SMALL FRUITS AND BERRIES:**

Blackberries, Blueberries, Boysenberries, Cranberries, Currants, Dewberries, Elderberries, Gooseberries,

Grapes, Huckleberries, Olallie Berries, Raspberries, Strawberries, Youngberries. **Repelling:** Ants, Aphids, Beetles, Borers, Cambium Miners, Chafers, Curculios, Earwigs, Fruitworms, Grubs, Leafminers, Leafhoppers, Leafrollers, Maggots, Mealybugs, Mites, Plant Bugs, Sawflies, Scale, Slugs, Spittlebugs, Stem Girdlers, Thrips, Tree Crickets, Tortrix, Weevils, Whiteflies.

**ORNAMENTALS****FLOWERS, SHRUBS, TREES:**

**Repelling:** Aphids, Bagworms, Beetles, Borers, Chafers, Curculios, Mites, Leafhoppers, Leafminers, Leafrollers, Maggots, Mealybugs, Plant Bugs, Sawflies, Scale, Spittlebugs, Thrips, Webworms, Whiteflies.

**DECIDUOUS NURSERY STOCKS (TREES, SHRUBS, AND FLOWERS) AND GREENHOUSE CROPS.**

**Repelling:** Aphids, Bagworms, Beetles, Borers, Chafers, Curculios, Leafhoppers, Leafminers, Leafrollers, Maggots, Mealybugs, Mites, Plant Bugs, Sawflies, Scale, Spittlebugs, Thrips, Webworms, Whiteflies.

**CONDITIONS OF SALE - LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES**

**Read the Conditions of Sale - Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened, and the full purchase price will be refunded.**

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Helena Chemical Company (the "Company") or seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment. The Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose referred to in the directions for use subject to the factors noted above which are beyond the control of the Company. The Company makes no other warranties or representations of any kind, express or implied, concerning the product, including no implied warranty of merchantability or fitness for any particular purpose, and no such warranty shall be implied by law.

The exclusive remedy against the Company for any cause of action relating to the handling or use of this product shall be limited to, at Helena Chemical Company's election, one of the following:

1. Refund of the purchase price paid by buyer or user for product bought, or
2. Replacement of the product used

To the extent allowed by law, the Company shall not be liable and any and all claims against the Company are waived for special, indirect, incidental, or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. The Company and the seller offer this product and the buyer and user accept it, subject to the foregoing conditions of sale and limitation of warranty, liability and remedies.

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QUEST® is a registered trademark of Helena Holding Company.

ALLITYN™ is a trademark of Helena Holding Company.


**HELENA CHEMICAL COMPANY**

225 Schilling Blvd., Suite 300  
 Collierville, Tennessee 38017  
 Telephone: 901/761-0050

March 1, 2005

U.S. Environmental Protection Agency  
 Document Processing Desk (NOTIF)  
 Office of Pesticide Programs (7504C)  
 1801 South Bell Street  
 Crystal Mall #2, Room 266A  
 Arlington, VA 22202-4501

RE: Notification to Add Other Revisions

To Whom It May Concern,

Enclosed, you will find Helena Chemical Company's Notification for numerous products. Helena has updated the copyright company name, all trademarks, and registered trademarks from Helena Chemical Company to Helena Holding Company. This has been done on the following products:

Weed Rhap A-4D	5905-501
Weed Rhap A4-MCPA Herbicide	5905-502
Weed Rhap A-6D Herbicide 2,4-D Amine	5905-503
Weed Rhap LV-4D	5905-505
Transvaal Weed Rhap LV-4 MCPA Herbicide	5905-506
Weed Rhap Low Volatile Granular D Herbicide	5905-507
Weed Rhap LV-6D	5905-508
MCPA Sodium Salt	5905-510
Setre Carbaryl 80WP Insecticide	5905-517
Trifluralin 4EC	5905-519
Par F 70 Soluble Oil	5905-520
Trifluralin 60D	5905-521
Atrazine 90DF	5905-522
Propanil 60D	5905-523
Copper Z 6/2 Granular Algicide	5905-524
Chlorothalonil 90D	5905-527
Barrage HF	5905-529
Allityn Insect Repellent	5905-531
Trifluralin HFP	5905-532
Pro-Mate Barricade 0.375% Plus Fertilizer	5905-535

This should also be noted on all alternate brand names of the master labels.

In support of these Notifications, you will find the following:

EPA Form 8570-1  
 1 copy of the revised label highlighted

If you have any questions, do not hesitate to call me at (901) 752-4420 or by fax at (901) 758-1694. Thank you for your assistance in this matter.

Sincerely,

Mandy K. Styles  
 Product Registration Supervisor