

9688-84

03/05/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

MAR - 5 2010

Mr. Eric D. Smith  
Chemsico, Div. Of United Industries Corp.  
P.O. Box 142642  
St. Louis, MO 63114

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4, 2008-1& 98-10

Dear Mr. Smith:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice PRN 2007-4, 2008-1 and 98-10 dated February 10, 2010 for the following product(s):

**Chemsico Lawn & Garden Insect Control (EPA Reg. No. 9688-84)**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact Regina Foushee'-Smith at 703-605-0780.

Sincerely,

A handwritten signature in cursive script that reads "Regina Foushee-Smith".

Richard J. Gebken  
Product Manager  
Insecticide Branch  
Registration Division (7505P)



United States Environmental Protection Agency  
Office of Pesticide Programs (H7505C)  
Washington, DC 20460

Application for Pesticide:

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Section I

1. Company/Product Number <b>9688-84</b>	2. Product Manager <b>R. Gebken</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) <b>Chemsico Lawn &amp; Garden Insect Control</b>	PM# <b>13</b>	
5. Name and Address of Applicant (include ZIP Code) <b>Chemsico, Div. Of United Industries Corp. P.O. Box 142642 St. Louis, MO 63114</b>	6 Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar to that already registered and labeling to: <b>NOTIFICATION</b> <b>MAR 5 2010</b>	
<input type="checkbox"/> Check if this is a new address	EPA Reg. No. _____	Product Name _____

Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed label in response to Agency letter date
<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.)  
Label Notification per PR Notice PRN 2007-4, PRN 2008-1, PRN 98-10 & EPA's June 4, 2009 General Labeling for Pyrethroid Notification letter. ( Please see cover letter for details.)

Section III

1. Material in Which This Product Will Be Packaged:						2. Type of Container	
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		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
* Certification must be submitted		If "YES," Unit package wgt	No. per container	If "YES," Package wgt	No. per container	Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container <b>16 fl oz, 32 fl oz</b>		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 type="checkbox"/> Lithographed	<input type="checkbox"/> Other _____			
			<input checked="" type="checkbox"/> Paper glued				
			<input type="checkbox"/> Stenciled				

Section IV

1. Contact Point (Complete items directly below for identification of the individual to be contacted, if necessary, to process this application)		
Name <b>Eric D. Smith</b>	Title <b>Regulatory Affairs Manager</b>	Telephone No. (include Area Code) <b>314-633-2455</b>
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 <b>Regulatory Affairs Manager</b>	
4. Typed Name <b>Eric D. Smith</b>	5. Date <b>February 10, 2010</b>	

# Chemsico

Division of United Industries  
P.O. Box 142642  
St. Louis, MO 63114-0642

February 10, 2010

Document Processing Desk (NOTIF)  
Office of Pesticide Programs  
United States Environmental Protection Agency  
Room S4900, One Potomac Yard  
2777 S. Crystal Drive  
Arlington, VA 22202-4501

Attention: Mr. Richard Gebken  
Product Manager Team 13

**Subject: NOTIFICATION: Label Notification per PRN 2007-4, PRN 2008-1, PRN 98-10 & EPA's June 4, 2009 General Labeling for Pyrethroid Notification letter Chemsico Lawn & Garden Insect Control EPA Reg. No. 9688-84**

Please find the enclosed application for notification of the following registration amendments:

A. Pesticide Registration Notice (PR) 2007-4, Final Rule "Pesticide Management and Disposal; Standards for Pesticide Containers and Containment:

We have adopted the exact language set forth in PRN 2007-4.

*This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. 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 the amended label is not consistent with the requirement of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, 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.*

B. Pesticide Registration Notice (PRN) 2008-1, Environmental Hazard General Labeling Statements on Outdoor Residential Use Products:

We have adopted the exact language set forth in PRN 2008-1.

*This notification is consistent with the guidance in PR Notice 2008-1 and the requirements of EPA's regulations at 40 CFR 156.10, 40 CFR 156.80, and 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 guidance of PR Notice 2008-1 and the requirements of 40 CFR 156.10, 40 CFR 156.80, 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.*



# CHEMSICO

## LAWN & GARDEN INSECT CONTROL

For use around the home only

Protects home lawns, vegetables, fruits & nuts, roses, flowers, trees & shrubs, houseplants • Controls [Kills] ants, Asian beetles, aphids, chinch bugs, cutworms, fire ants, fleas, beetles, grubs, mites, sod webworms and many other listed insects [others listed] • Guaranteed to kill termites (for localized control only) • Do-it-yourself pest control • Kills termites [including drywood termites] (for localized control only) • Kills termites on contact (for localized control only) • Controls [Kills] wood destroying pests including termites (for localized control only) • For use around foundations, outside buildings, porches, wood piles, wooden fences and decks [patios] • Creates an insect barrier around your home • Keeps killing for weeks • Can't be washed away [in rain] • Won't wash away [in rain] • Long lasting • Kills & Repels bugs in your backyard [yard] for 4 weeks! • Kills & Repels mosquitoes, flies, gnats, ants, fleas, ticks and other annoying pests! • Kills ants, fleas, ticks and over 85 other listed insects • Let's you enjoy your backyard again! • Creates a bug barrier in [around] your yard for 4 weeks! • Keeps annoying insects away for 4 weeks • Keeps bugs out of your yard for 4 weeks! • Lasts for 4 weeks! • Up to 4 week control • Keeps Killing up to 4 weeks • One quart treats 5,000 sq. ft. • Water based • Low odor • †Guaranteed Results [or Your Money Back] • Green Thumb® Satisfaction Gurarantee • Ace Promise Satisfaction Guaranteed] • Kills & Repels mosquitoes, ants, fleas, brown dog ticks, crickets and other listed insects •

### NOTIFICATION

MAR 5, 2010

#### Active Ingredient:

Permethrin ..... 2.5%  
Other Ingredients ..... 97.5%

KEEP OUT OF REACH OF CHILDREN

**CAUTION** See back booklet for additional precautionary statements.

NET [CONTENTS] 16 fl oz (473 mL); 32 fl oz (946 mL)

Kills troublesome outdoor insects which destroy lawns, roses, flowers, trees and shrubs, or annoy pets and people. (Refer to label directions for specific insects controlled).

Contains Permethrin, a long lasting insecticide which provides contact and residual control for up to 4 weeks of many "hard to kill" sucking and chewing insects. *Kills bugs fast.*

#### OPTIONAL PRODUCT FACT BOX

##### PRODUCT FACTS

##### **What it Does:**

Kills ants, aphids, Japanese beetles, chinch bugs, cutworms, fire ants, fleas, grubs, mites, sod webworms and other listed insects.

##### **Where to Use:** (icon telephone) (icon computer)

Outdoors on Lawns, Trees, Shrubs, Flowers and Vegetables. Indoors as a refill for the .....(distributor name for Chemsico Home Insect Control C)

##### **Questions & Comments:** (icon telephone) (icon computer)

Call 1-800-332-5553 or visit our website at [www.spectracide.com](http://www.spectracide.com).

#### OPTION A

#### **STOP. READ ALL INSTRUCTIONS INSIDE BEFORE USING.**

[Optional for booklet labels: STOP. READ ALL INSTRUCTIONS INSIDE BEFORE USING. PEEL HERE. PRESS TO RESEAL.]

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. *For use around the home only.*



**Keep people and pets off treated areas until the spray has dried.**

- Do not water the treated area to the point of run-off.
- Do not make applications during rain.
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  1. Treatment to soil or vegetation around structures
  2. Applications to lawns, turf, and other vegetation
  3. Applications to building foundations, up to a maximum height of 3 feet. Other than applications to building foundations, all outdoor applications to

impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications, only.

- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat

can occur. Do not allow the product to enter any drain during or after application.

### THREE EASY STEPS TO MIX AND APPLY

#### STEP #1:

For lawns and vegetables, measure the area to be sprayed. Calculate square feet by multiplying length by width. For all other applications, apply as a thorough cover spray. [graphic of measuring area]

#### STEP #2:

Use a clean sprayer. Carefully measure and mix the amount of Chemsico Lawn & Garden Insect Control and water as directed. Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides. [graphic of measuring]

#### STEP #3:

Spray as directed. Thorough coverage is important. Flush sprayer with clean water after each use. Make applications when insects first appear. Repeat applications as directed. See directions for complete insect list.

Hose-end  
sprayer

Sprayer  
graphic

Power  
pump

Use dilution rate as indicated.

1 fl oz = 6 tsp = 2 Tbsp

9 fl oz = 1/2 pt. = 1 cup

## OUTDOORS

### HOME LAWNS

Treatment Areas [Alternate: Lawns]	Pests [Alternate: Target]	Directions [Alternate: Remarks]
Bentgrass, Bermudagrass, Bluegrass, Dichondra, Fescue, Irish Moss, Merion, St. Augustine	Ants, Crickets, Grasshoppers	Thoroughly wet down grass a few hours before applying. Home lawns should be no taller than 3 inches at time of application. Slightly more water may be used as long as the amount of product per area is as listed. For heavy infestations repeat application after 2 weeks.  <b>For ants, crickets, grasshoppers:</b> 2 fl oz in 3 gal of water covers 1000 sq ft . <b>For all other insects:</b> 6 fl oz in 10 gal of water covers 1000 sq ft.
	Armyworms, Brown dog ticks, Cutworms, Chinch bugs, European crane fly, Fleas, Japanese beetle grubs, Mole crickets, Sod webworms	

	Fire Ants	<p>Mix 6 fl oz in 1 gallon of water to treat one mound. [Alternate: 6 fl oz in 1 gallon of water treats one mound.] Apply 1 gallon of solution as a gentle rain to each fire ant mound using a sprinkler can. Thoroughly wet the mound and surrounding area to a 4 ft diameter. For best results apply in cool weather, 65° - 80°F, or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity and treat all colonies which may not as yet have constructed a mound.</p> <p>Larger quantities of solution can be prepared for multiple mound treatments. Equipment to deliver the diluted product as a gentle rain at the rate of 1 gallon per mound is still required. Do not use equipment that produces a pressurized spray, as pressurized sprays may disturb fire ants and cause migration, reducing product effectiveness.</p>
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**TREES & SHRUBS** Mix 1 fl oz in 1 gal of water. Apply as a thorough foliar spray.

Treatment Areas [Alternate: Plants]	Pest [Alternate: Target]	Directions [Alternate: Remarks]
Arizona Cypress, Azalea, Birch, Cherry, Non-Bearing Citrus, Conifers, Elm, English Ivy, Euonymus, Weeping Fig, Fir, Honeysuckle, Lilac, Mock-Orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip Poplar, Rhododendron, Taxus	Aphids, Bagworms, Cicadas, Exposed thrips, Fall cankerworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, Whiteflies	Wet leaves and branches to the dripping point. Try to penetrate dense foliage. Spray in the late afternoon or evening when temperatures range from 50°-75°F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary at intervals of 4 to 8 days. Application can be made up to the day of collection. Repeat applications may be necessary to control [kill] citrus black flies on non-bearing citrus.
Cherry, Honeysuckle	Fall webworms	
Conifer	Budworms	
Elm	Elm leaf beetles, Elm spanworms, Fall webworms	
Douglas and Grand Fir	Tussock moths	
Non-bearing Citrus	Citrus blackflies	
Oak	Oakworms	
Pine	Pine beetles, Pine moths, Pine needle miners, Pine needle scales	

**ROSES & FLOWERS** Mix 1 fl oz in 1 gal of water. Apply as a thorough foliar spray.

Treatment Areas [Alternate: Plants]	Pest [Alternate: Target]	Directions [Alternate: Remarks]
Ageratum, Aster, Azalea, Begonia, Coleus, Common Ninebark and Snowberry, Exacum, Gladiolus, Goldbells, Hypoestes, Ivy, Lilac, Marigold, Mock-Orange, Nannyberry, Orchid, Pansy, Pea Shrub, Petunia, Poinsettia, Rhododendron, Rose, Snapdragon, Zinnia	Aphids, Bagworms, Cicadas, Exposed thrips, Fall cankerworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, Fall webworms, Whiteflies	Wet the plants to the dripping point. Try to penetrate dense foliage. Spray in the late afternoon or evening when the temperatures range from 50°-75°F and when there is little or no wind. Spray at the first sign of insects. Repeat as necessary using intervals of 4-8 days. Application can be made up to the day of collection.

**ORNAMENTAL HOUSEPLANTS**

Mix 1 fl oz in 1 gallon of water. Use sufficient spray to obtain full coverage of all foliage.

Treatment Areas [Alternate: Plant]	Pest [Alternate: Target]	Directions [Alternate: Remarks]
<p><b>INDOORS:</b> To protect plants in home greenhouses and lath houses and for indoor landscaping.</p> <p>Ageratum, Ardisia, Aster, Azalea, Baby's breath, Begonia, Birdsnest fern, Bleeding heart, Carnation, Chrysanthemum, Coleus, Crown of Thorns, Cockscomb, Cyclamen, Draceana, Dumbcane, English ivy, Fuchsia, Gladiolus, Grape ivy, Hypoestes ivy, Juniper ivy, Marigold, Non-bearing Citrus, Orchid, Palm, Pansy, Peperomia, Petunia, Philodendron, Piggy-back plant, Poinsettia, Portulaca, Pothos, Prayer plant, Purple passion, Rabbits foot fern, Rose, Schefflera, Snapdragon, Snake plant, Statice, Velvet plant, Verbena, Zinnia</p>	<p>Aphids, Armyworms, Cankerworms (Fall, Spring), Citrus black flies, Corn earworms, Cutworms, Inchworms, Japanese beetles, Leafminers, Leafrollers, Mealybugs, Scales, Spider mites, Thrips (exposed, Whiteflies</p>	<p>Adjust spray volume used to plant size. Wet the plants thoroughly but avoid runoff and dripping. Spray directly on insects. If application is to be made indoors spray plants in an area not likely to be occupied by people or pets (particularly fish). When leaves dry, plants can be returned to original location. Do not use more product than recommended, as this may cause some plant injury. Use with care on ferns, palms and fuchsia. As with all plants, especially carnations, chrysanthemums, and roses, there exists a wide variety of species and therefore, a wide variety of susceptibility to injury. To test for possible sensitivity, spray a few plants as described above. Wait 24 hours and check for possible injury. Repeat applications may be necessary to control [kill] citrus black flies on non-bearing citrus and adult Japanese beetles on roses.</p>
Velvet plants	Fungus gnats	

**FRUITS & NUTS** Mix 2 fl oz in 1 gal of water. Wet the plants to the dripping point. Try to hit underside of leaves and penetrate dense foliage.

Treatment Areas [Alternate: Plant]	Pest [Alternate: Target]	Directions [Alternate: Remarks]
Almonds	Navel orange worms, Peach twig borers	Apply when insects appear. Do not make more than 2 applications during hull split and 5 applications per season. Can be applied up to 7 days prior to harvest.
Apples	Plum Curculio, Red-banded leafrollers, Rosy-apple aphids, Oblique-banded leafrollers, Spotted tentiform leafminers, Tarnished plant bugs, Green fruitworms, White-apple leafhoppers	Apply when insects appear. Repeat as required to maintain control. Do not make more than 3 applications. Do not apply after petal fall.
Peaches	Borers (Lesser peachtree and Peach twig), Plum curculio, Tarnished plant bugs, Green fruitworms, Oriental fruit moths	Apply when insects appear. Do not apply within 7 days of harvest. Do not make more than 8 applications per season.
Pears (dormant through early dormant)	Pear psylla	Apply during the dormant through delayed dormant growth period only. Do not make more than 2 applications per season.
Pears (summer)	Pear psylla, Codling moths, Green fruitworms	Apply when needed. Do not apply more than 3 applications per season. Can be applied up to 14 days prior to harvest.

**VEGETABLES**

Mix the amount of product specified in the following table in 1 gal of water to cover 1000 sq ft of garden. Apply for uniform coverage as needed [indicated].

Treatment Areas [Alternate: Plant]	Pest [Alternate: Target]	Directions [Alternate: Remarks]	Use Rate
Asparagus (pre-harvest)	Asparagus beetles, Cutworms	Do not apply more than 4 applications per season. Can be applied up to 3 days prior to harvest.	1.5 fl oz
Asparagus (post-harvest)	Larval stages of Asparagus beetles, Adult Japanese beetles), Lygus bugs, Tarnished plant bugs,	Treat ferns or bush growth after spear harvest when insects are present.	



Celery	Armyworms (Beet, Fall and Southern), Cabbage loopers, Cutworms (Black and Granulate), Vegetable leafminers	Apply every 3-5 days or as needed. Can be applied up to 3 days prior to harvest. Do not make more than 10 applications per season.	
Cole Crops: Broccoli, Brussels Sprouts, Cabbage, Cauliflower	Beet armyworms, Diamond back moths, Cabbage aphids and loopers, Imported cabbage worms	Apply every 5 days or as needed. Can be applied up to 1 day prior to harvest. Do not make more than 8 applications on cauliflower, Brussels sprouts and broccoli and 10 applications on cabbage.	1 fl oz
Eggplant	Colorado potato beetles, Vegetable leafminers	Apply as needed. Do not make more than 16 applications. Can be applied up to 3 days prior to harvest.	3 fl oz
Horseradish (foliar application)	Imported crucifer weevils	Apply as needed. Do not make more than 3 foliar applications. Can be applied up to 22 days prior to harvest.	3 fl oz
Head lettuce	Loopers (Alfalfa & Cabbage), Beet armyworms, Corn earworms and Tobacco budworms	Apply every 5-10 days as needed. Do not make more than 10 applications. Can be applied up to 1 day prior to harvest.	2 fl oz
Potatoes	Beet armyworms, Beetles (Colorado potato, Potato flea), Cabbage loopers, Cutworms, European corn borers, Leafhoppers (Aster, Potato), Potato aphids, psyllids & tuberworms, Tarnished plant bugs	Apply as needed. Do not make more than 12 applications. Can be applied up to 7 days prior to harvest.	1.5 fl oz
Peppers	Cabbage loopers, Corn earworms, Cutworms, European corn borers, Flea beetles, Pepper weevils, Vegetable leafminers	Apply as needed. Do not make more than 8 applications per season. Can be applied up to 3 days prior to harvest.	2 fl oz
Spinach	Beet armyworms, Cabbage loopers, Corn earworms, Cutworms, European corn borers, Green cloverworms, Leafhoppers	Apply as needed. Do not make more than 7 applications per season. Can be applied up to 7 days prior to harvest.	1.5 fl oz
Sweet Corn	Armyworms (Fall, Southern), Corn earworms, European corn borers	Apply every 5 days as needed. Do not make more than 6 applications per season. Can be applied up to 1 day prior to harvest.	1.5 fl oz
Tomatoes (Do not apply on cherry tomatoes and varieties yielding tomatoes less than one inch in diameter.	Armyworms (Beet, Southern), Cabbage loopers, Colorado potato beetles, Granulate cutworms, Hornworms, Tomato fruitworms, Tomato pinworms	Apply as needed. Do not make more than 6 applications per season. Can be applied up to day of harvest.	1.5 fl oz

**NUISANCE PESTS IN OUTDOOR AREAS**

Mix 6 2/3 fl oz in 1 qt of water to treat 400 linear ft with a 6 inch spray brand.

<b>WHERE [Alternates: Plant, Treatment Areas]</b>	<b>Insects [Alternate: Target, Pest]</b>	<b>Directions [Alternate: Remarks]</b>
Outside surfaces of building	Ants, Asian beetles, Boxelder bugs, Clover mites, Crickets, Earwigs, Millipedes, Sowbugs (pillbugs)	To help prevent infestations of buildings, treat the building foundation to a height of 2 to 3 ft, where pests are active and may find entrance. Also apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen.
Outdoors	Ants, Crickets, Earwigs, Fleas, Lone star ticks, Non-poisonous spiders	For treatment of localized infestation of these insects in outdoor areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat application as reinfestation occurs.

	Flies (Cluster, House), Gnats, Flying moths, Mosquitoes	For outdoor use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages and other places where these insects alight or congregate.
	Tent caterpillars	Apply when caterpillars are young and tents are first noticed. For best results, apply in the late afternoon or evening, when caterpillars have returned to their tents. Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent; however, they should die within several hours.

**WOOD INFESTING INSECTS [INCLUDING TERMITES]:**

For **Beetles** (Furniture, Deathwatch, False powderpost, Longhorned, Powderpost), **Carpenter ants** (and other wood infesting ants), **Carpenter bees** and **Termites\*\*** [including Drywood termites] (for localized control only): Treat outside surfaces of buildings, porches, wooden decks and patios, wooden fences, window frames, doorways, foundations, eaves, patios, garages, garbage areas and other areas where you may find these pests.

Mix 10 fl oz with 1 gallon of water to treat 100 sq ft. Spray infested surfaces until thoroughly wet, avoiding dripping and runoff. Apply evenly on wood surfaces. To treat small areas, apply by brushing or spraying the diluted spray. For large areas use a coarse, low pressure spray. Repeat treatment as needed to maintain effectiveness. Do not spray into electrical outlets or utilities.

Spray infested areas and areas likely to be infested, such as wood surfaces, voids and channels in damaged wood, spaces between wooden parts of a structure and between wood and foundations where infestation is likely to occur. Also spray around fence posts, wood piles (do not use on firewood) and tree stumps.

Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin. The use of eye protection, protective head covering, chemical resistant gloves and footwear, a long sleeved shirt and long pants of coveralls are recommended. Do not permit contact with treated surfaces until spray has dried. Treat confined areas, such as detached garages, under porches and decks, should be ventilated during and immediately following application before the areas reoccupied.

For **carpenter ants**, spray around doors and windows and other places where ants may enter or crawl and hide. Also treat cracks and crevices or openings into wall voids or other areas where these ants may be present. For **carpenter bees**, spray or inject into holes and tunnels already made by the bees with a tank sprayer, and spray areas where they are beginning to build tunnels into the wood. For **Termites\*\*\*\***, [including drywood termites] (for localized control only), treat as for other wood infesting insects. This product will kill workers and winged

reproductive forms of termites which may be present in the treated channels at the time of treatment.

**\*\*USE OF THIS TYPE OF PRODUCT TO CONTROL [KILL] TERMITES SHOULD NOT BE CONSIDERED A SUBSTITUTE FOR SOIL TREATMENT OF SUBTERRANEAN TERMITES DONE BY A PROFESSIONAL PEST CONTROL OPERATOR.**

**OPTION B****READY SPRAY NOZZLE DIRECTION**

Perfect before picnics & parties! • Connect & Spray • Connect & Spray the right amount every time! • Connect & Spray Your Bugs Away! • Easy-To-Use Spray Ready Nozzle

Chemsico Lawn & Garden Insect Control kills and repels insects that invade your yard and attack your lawn, as well as valuable trees, shrubs and flowers. One quart of this formula will treat a 5000 sq. ft. lawn.

**STOP. READ ALL INSTRUCTIONS INSIDE BEFORE USING.****DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. *For outdoor use on home lawns and ornamentals only.*



Keep people and pets off treat areas until the spray has dried.

- Do not water the treated area to the point of run-off.
- Do not make applications during rain.

- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

**HOSE END SPRAYER INSTRUCTIONS**

1. *Shake container well before using.*
2. Connect a garden hose to the ready spray nozzle. Make sure the dial on the nozzle is in the "OFF" position with the [green] safety tab in the valve notch.
3. Turn on water at faucet. Extend hose to the farthest area to be treated and work back toward the faucet so you don't come in with the treated area
4. To BEGIN spraying, point nozzle toward lawn or plants to be treated and 1.) bend the [green] safety tab (located at right of [yellow] dial) back and hold, 2.) using your other hand, QUICKLY turn the dial clockwise until it stops and [green] tab engages into notch. Water will automatically mix with the product.
5. Walk at a steady pace while spraying using an even sweeping motion, slightly overlapping treated areas.
6. To STOP spraying, QUICKLY turn the dial in the opposite direction of "ON" (counter clockwise) until it stops and the safety tab engages into the notch. Turn water off at faucet. To relieve pressure before removing nozzle from hose, bend the safety tab back and turn dial "ON" until water stops spraying.
7. To STORE unused product, make sure the dial is in the "OFF" position with the [green] safety tab in the valve notch. Place in a cool area away from heat, sunlight or open flame.

**HOME LAWNS**

Chemsico Lawn & Garden Home Insect Control with control [kill] Ants, Armyworms, Crickets, Cutworms, Chinch Bugs, Fleas, Grasshoppers, Mole Crickets, Mosquitoes, Brown dog ticks and Sod webworms in [on] Bentgrass, Bermudagrass, Bluegrass, Fescue, Irish moss, Merion and St. Augustine lawns.

**REES, SHRUBS AND FLOWERS**

Chemsico Lawn & Garden Insect Control will control [kill] Aphids, Bagworms, Budworms, Box elder bugs, Citrus black flies, Cicadas, Elm leaf beetles, Elm Spanworms, Fall cankerworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Needle scales, Oakworms, Pine beetles, Pine moths, Pine needle miners, Spider mites, Thrips (exposed), Fall webworms, Tussock moths and Whiteflies on Agertum, Aster, Arizona cypress, Azalea, Begonia, Birch, Cherry, Non-bearing citrus, Coleus, Common ninebark and snowberry, Conifers, Elm, English ivy, Euonymus, Exacum, Weeping fig, Fir, Gladiolus, Gold bells, Honeysuckle, Hypoestes, Ivy, Lilac, Marigold, Mock-orange, Nannyberry, Oak, Orchid, Palm, Pansy, Pea shrub, Petunia, Philodendron, Pine, Poinsettia, Rhododendron, Rose, Snapdragon, Taxus, Tulip, Poplar and Zinnia.

**USE TIPS**

- Home lawns should be no taller than 3 inches at time of application
- Wet down lawns a few hours before applying
- Application to trees, flowers and shrubs should be made when the temperature is between 50° and 75°F.

**OPTION C****CLAIMS AND DIRECTIONS FOR TERMITE ONLY PRODUCT**

[Guaranteed to kill termites (for localized control only) or your money back  
 • Keeps killing for weeks! • Kills termites [including drywood termites] (for localized control only) • Kills termites on contact (for localized control only)  
 • For use around foundations, outside buildings, porches, wood piles, wooden fences and decks • Creates an insect barrier around your home]

**OPTIONAL MARKETING LANGUAGE****[Signs of Termites**

- "Swarming" or flying termites in the house, especially near sources of light
- Small wings or sawdust near windows, doors or in the garage
- Mud tunnels along the foundation of the house, inside or outside
- Small holes in the wood or buckling paint]

**[Reducing the risk of Termites**

- *Eliminate any sources of moisture for termites.* Check for leaky indoor pipes, outdoor water spigots, sump pumps or sprinklers. Look for any areas that stay moist for a long time, such as mulch or under bricks or large rocks and ensure that water flows away from your home. Also check for interior leaks in pipes or from roof drainage. Pay particular attention to areas near kitchens or bathrooms and attached porches or decks.
- *Remove potential food sources that will attract termites near your home.* These include direct wood-to-soil contact (fences, stairs, trellises), wood piles, stumps or dead bushes and other wood debris. Wood should be separated from the soil by at least 18 inches.

**STOP. READ ALL INSTRUCTIONS INSIDE BEFORE USING.****DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. *For outdoor use around the home only.*



Keep people and pets off treated areas until the spray has dried.

- Do not water the treated area to the point of run-off.
- Do not make applications during rain.
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  1. Treatment to soil or vegetation around structures
  2. Applications to lawns, turf, and other vegetation
  3. Applications to building foundations, up to a maximum height of 3 feet. Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications, only.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

#### HOW TO USE

**SHAKE WELL BEFORE USING.** Measure 10 fl oz and dilute with water to make one gallon of spray to treat 100 sq ft. Spray infested surfaces until thoroughly wet, avoiding dripping and runoff. Apply evenly on wood surfaces. To treat small areas, apply by brushing or spraying the diluted spray. For large areas, use a coarse, low pressure spray. This product will kill workers and winged reproductive forms of termites which may be present in the treated channels at the time of treatment. Do not spray into electrical outlets or utilities. Do not permit contact with treated surfaces until spray has dried.

Treat outside surfaces of buildings, porches, wood decks and patios, wooden fences, window frames, doorways, foundations, eaves, patios, garages, garbage areas and other areas where you may find these pests.

Spray infested areas and areas likely to be infested, such as wood surfaces, voids and channels in damaged wood, spaces between wooden parts of a structure, and between wood and foundations where infestation is likely to occur. Also spray around fence posts, wood piles (do not use on firewood) and tree stumps.

Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin. The use of eye protection, protective head covering, chemical resistant gloves and footwear, a long-sleeved shirt and long pants or coveralls are recommended. Do not permit contact with treated surfaces until spray has dried. Treated confined areas, such as detached garages, under

porches and decks, should be ventilated during and immediately following applications before the areas are re-occupied.

**USE OF THIS TYPE OF PRODUCT TO CONTROL [KILL] TERMITES SHOULD NOT BE CONSIDERED A SUBSTITUTE FOR SOIL TREATMENT OF SUBTERRANEAN TERMITES DONE BY A PROFESSIONAL PEST CONTROL OPERATOR.**

#### OPTION D DIRECTIONS FOR A WOOD INFESTING INSECT PRODUCT WITH PRESSURE SPRAYER REFILL DIRECTIONS



Keep people and pets off treated areas until the spray has dried.

- Do not water the treated area to the point of run-off.
- Do not make applications during rain.
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  1. Treatment to soil or vegetation around structures
  2. Applications to lawns, turf, and other vegetation
  3. Applications to building foundations, up to a maximum height of 3 feet. Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications, only.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

**WOOD INFESTING INSECTS [INCLUDING TERMITES]: For Beetles (Furniture, Deathwatch, False powderpost, Longhorned, Powderpost), Carpenter ants (and other wood infesting ants), Carpenter bees and Termites\*\*, [including drywood termites] (for localized control only):**

Mix 10 fl oz with 1 gallon of water to treat 100 sq. ft. Spray infested surfaces until thoroughly wet, avoiding dripping and runoff. Apply evenly on wood surfaces. To

treat small areas, apply by brushing or spraying the diluted spray. For large areas, use a coarse, low pressure spray. Repeat treatment as needed to maintain effectiveness. Do not spray into electrical outlets or utilities.

Treat outside surfaces of buildings, porches, wooden decks and patios, wooden fences, window frames, doorways, foundations, eaves, patios, garages, garbage areas and other areas where you may find these pests.

Spray infested areas and areas likely to be infested, such as wood surfaces, voids, and channels in damaged wood, spaces between wooden parts of a structure, and between wood and foundations where infestation is likely to occur. Also spray around fence posts, wood piles (do not use on firewood) and tree stumps.

Suitable protective clothing should be worn in confined or overhead areas to prevent exposure to eyes and skin. The use of eye protection, protective head covering, chemical resistant gloves and footwear, a long-sleeved shirt and long pants or coveralls are recommended. Do not permit contact with treated surfaces until spray has dried. Treated confined areas, such as detached garages, under porches and decks, should be ventilated during and immediately following application before the areas are re-occupied.

**For carpenter ants**, spray around doors and windows and other places where ants may enter or crawl and hide. Also treat cracks and crevices or openings into wall voids or other areas where these ants may be present. **For carpenter bees**, spray or inject into holes and tunnels already made by the bees with a tank sprayer, and spray areas where they are beginning to build tunnels into the wood. **For Termites\*\***, [including drywood termites] (for localized control only): treat as for other wood-infesting insects. This product will kill workers and winged reproductive forms of termites which may be present in the treated channels at the time of treatment.

**\*\*USE OF THIS TYPE OF PRODUCT TO CONTROL [KILL] TERMITES SHOULD NOT BE CONSIDERED A SUBSTITUTE FOR SOIL TREATMENT OF SUBTERRANEAN TERMITES DONE BY A PROFESSIONAL PEST CONTROL OPERATOR.**

#### REFILL DIRECTIONS FOR PRESSURE SPRAYER

##### Refilling Sprayer

The sprayer can be refilled up to 5 times with Chemsico Lawn & Garden Insect Control. Before opening, release any built-up pressure by opening valve. Press down on pump handle and turn to left to remove pump assembly from tank. Add 10 fl oz of concentrate and dilute to a gallon with water. Use "Fill to Here" mark on the side of the bottle as a guide. Shake well to mix. Replace pump, turning to right to seal.

**IMPORTANT: Do not refill more than 5 times.** To keep track of the number of times refilled, put a mark through the appropriate number:

1	2	3	4	5
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Do not use any product other than Chemsico Lawn & Garden Insect Control in the sprayer. Incompatible chemicals may change the pump making it unsafe to use.

##### Cleaning/Maintaining Sprayer

Between uses, release pressure as described above. Detach sprayer hose from tank by turning hose connection cap to left. Lock on sprayer nozzle, hold end of hose under running water, and let clean water run through hose for 1-2 minutes. Drain water from hose, reattach to sprayer and place handle in built-in storage pocket. Apply a few drops of oil to pump rod, then pump several times to lubricate the rod. Store container in a cool, dark place between uses.

##### Sprayer Precautions

- Always thoroughly inspect your sprayer before each use.
- Be sure hose is securely attached and in good condition before pressurizing tank.
- Discard if any worn or damaged parts are noticed.
- Do not allow spray to reach people or animals.
- Always release air pressure before removing pump (see sprayer directions).
- Do not use this sprayer to apply any materials other than Chemsico Lawn & Garden Insect Control. Other materials could cause the container to weaken or corrode its working parts, which could lead to injury.
- Do not use mechanical devices to pressurize the tank. They can create excessive and dangerous pressure which could cause the tank to explode.
- Do not stand over pressurized sprayer while using or pumping it.
- Do not use solutions hotter than 105° [or appropriate temperature] F.
- Always securely tighten the pump. An improperly tightened pump could be forcibly ejected and cause serious injury.
- Do not pressurize sprayer until ready to use. Do not store pressurized sprayer, or leave pressurized sprayer unattended.
- Do not lift or carry sprayer by hose or extension rod. Carry only by pump or bottle handle, making sure handle is properly locked in place before lifting.
- Do not force clogged nozzle open with air pressure. Clean with fine wire or toothpick.
- Failure to heed all precautions and directions could result in serious bodily injury or property damage.

**REFILL DIRECTIONS FOR EZSPRAY™****\*REFILL DIRECTIONS**

Refill only with Chemsico Lawn & Garden Insect Control. Remove cap. Carefully measure and mix 10 fl oz of concentrate in one gallon of water. Replace and tightly close cap. Wipe off any spilled product.

**STORAGE AND DISPOSAL AND PRECAUTIONARY STATEMENTS FOR ALL DIRECTION FORMATS****STORAGE AND DISPOSAL**

**Storage:** Store in cool, dry area away from heat or open flame. **Disposal: If empty:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. **If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**PRECAUTIONARY STATEMENTS****Hazards to Humans and Domestic Animals**

**CAUTION.** May be harmful if swallowed or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides.

**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 do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person. **If on Skin or Clothing:** 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. **If in 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 eye. Call a Poison Control Center or doctor for treatment advice.

Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment.

**Environmental Hazards**

This pesticide is extremely toxic to fish. Drifts and runoff from treated areas may be hazardous to aquatic organisms in treated areas. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this

product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

**NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.**

[\*If you are not satisfied with this product for any reason send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please Allow 6-8 weeks for processing]

**[Satisfaction Guaranteed:** If for any reason you are not completely satisfied with the performance or results of this GreenThumb® product, it will be repaired or replaced free of charge. Simply provide proof of purchase and return the product and/or unused portion to the place of purchase.]

[The Ace Promise: If this Ace product when used for the intended purpose, fails to give you complete satisfaction, return the item to the Ace Hardware store where purchased for free replacement of the same or similar item.]

**[Questions or comments? Call 1-800-332-5553]**

Made in the USA  
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PO Box 142642  
St. Louis, MO 63114-0642

EPA Reg. No. 9688-84

EPA Est. No. 9688-MO-1

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[Optional Termite Guarantee Language]

**Guarantee:** Guaranteed to kill termites (for localized control only) which come in contact with this product. Not intended for use against subterranean termites (termites in the soil). Guarantee is limited to replacement cost of the product. If you are dissatisfied with the product, return original cash register receipt and UPC code from back of package for full refund. Allow 6-8 weeks for processing. Seller makes no warranty, express or implied, concerning the use of this product other than as indicated on label. Seller is not responsible for structural damage cost.

**Recommendations:** Follow directions carefully. Timing, method of application, weather conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond Seller's control and buyer assumes risks related thereto.