

73049-432

0803-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 3, 2011

Nasser A. Assaf, Ph.D.
Valent BioSciences Corporation
870 Technology Way
Libertyville, IL 60048

Subject: Amended Reregistration Label
Product Name: TetraPerm Multi-Purpose Insect Killer
EPA Registration Number: 73049-432
EPA Decision Numbers: 436125, 413127, and 410103

Dear Dr. Assaf:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the tetramethrin, PBO and permethrin REDs, and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

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 non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

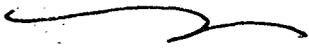
- Basic CSF, dated 3/26/10

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped

after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Jennifer Urbanski at 703-347-0156 or urbanski.jennifer@epa.gov.

Sincerely,



 Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

Enclosures: *Label stamped "Accepted," dated 8/3/11*
Acute Toxicity Review, dated 7/12/10
Product Chemistry Review, dated 1/11/11

**TetraPerm® Multi-Purpose
Insect Killer****Intended for Homeowner Use Only**

- *[For Indoor And Outdoor Use*
- *Ready-To-Use*
- *Ready To Use In Propane, Gas & Electric Foggers*
- *May Also Be Sprayed*
- *Provides Quick Killing Action And Residual Control*
- *Economical Do-It-Yourself Pest Control*
- *High Knockdown & Kill*
- *For Control Of Annoying Pests Including Gnats, Moths, Flies, Black Flies; Deer Flies, Horse Flies, Mosquitoes, Ants, Spiders, Chiggers, Earwigs, Hornets*
- *Easy-To-Use*
- *Kills On Contact*
- *Kills Fast*
- *Kills Fleas & Ticks*
- *Kills Home Invading Pests*
- *Kills Spiders*
- *Kills Roaches, Ants And Fleas On Contact*
- *Reaches Insects [Bugs][Mosquitoes And Flies] Where They Hide*
- *Great To Use Before Parties & Picnics*
- *Treat An Average 5,000 Sq Ft Yard In 10 Minutes*
- *Oil-Based – Dielectric Breakdown Voltage Of 47,300 Volts]*

ACTIVE INGREDIENTS:

Tetramethrin	0.10%
Permethrin*	0.25%
Piperonyl Butoxide**	0.50%
OTHER INGREDIENTS†:	99.15%
	100.00%

*Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.

***(butylcarbityl)(6-propylpiperonyl) ether and related compounds.*

†Contains petroleum distillate.

EPA Reg. No.: 73049-432

EPA Est. No.:

PRECAUCION AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you).

KEEP OUT OF REACH OF CHILDREN**CAUTION****See Side Panel for Additional Precautions**

FIRST AID	
If In Eyes:	<ul style="list-style-type: none"> • 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.
If On Skin Or Clothing:	<ul style="list-style-type: none"> • 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 Swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-877-315-9819.	
NOTE TO PHYSICIAN	
Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

Net Contents:

ACCEPTED
AUG 03 2011
 Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended, for the
 pesticide registered under:

EPA. Reg. No.: 73049-432

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

CAUTION

Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Environmental Hazards

This product is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and run-off may be hazardous to fish in water adjacent to treated area. Do not contaminate water when disposing of equipment washwaters or rinsate. See Directions for Use for additional precautions and requirements.

This pesticide 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.

DIRECTIONS FOR USE

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

Use Restrictions

- Do not remain in treated area. Exit area immediately and do not re-enter or allow others to enter until surfaces have dried and vapors/fog have dispersed, and the treated area has been thoroughly ventilated.
- Do not apply this product in a way that will contact adults, children, or pets either directly or through drift.
- Do not wet plants or treated articles to the point of runoff or drip. Do not use treated articles until spray has dried.
- Do not apply when food is present. Remove or cover drinking water before application. Remove or cover utensils, food processing equipment, and food preparation surfaces before application, or wash them before use.
- Remove pets, birds and cover any water inhabited by fish (such as aquariums and ornamental fish ponds) before application. Turn off aquarium filtering systems before spraying and wait approximately 15 minutes after application before turning the filter back on.
- 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.
- 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) Application to lawns, turf, and other vegetation
 - 3) Application to building foundations, up to a maximum height of 3 feet
- Other than application 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.
- Do not water the treated area to the point of run-off.
- Do not make applications during rain.

OUTDOORS

Remove all exposed food and cooking utensils. Cover all food handling surfaces or wash thoroughly after treatment and before use. Do not use on edible crops.

Thermal Applications –

This product can be used in thermal foggers that can deliver spray particle sizes within the aerosol-size range.

For reduction in annoyance from *Flies, Mosquitoes, Gnats, Black Flies, Chiggers, Fleas* and *Ticks* in yards, patios, around your ornamental garden, lawn, deck, patio, swimming pool, picnic area, campsite and horse stables, hold thermal applicator at least five feet from any object, especially plants and shrubbery. Avoid wetting any plant foliage.

When used in a thermal fogger, this product becomes a micron sized, virtually odor-free, fog that moves through the air to penetrate dense foliage to contact insects where they live/hide. Insects are killed on contact.

WHEN AND HOW TO FOG:

1. The best time to fog is in late afternoon or early dusk when the wind is calm and insect activity is increasing. Do not treat if the wind is greater than 5 mph because the fog will dissipate too quickly and not provide acceptable control.
2. Pour TetraPerm Multi-Purpose Insect Killer undiluted into the thermal fogger. Refer to the thermal fogger use instructions for proper use and maintenance of the fogger.
3. Apply at the rate of 1 oz of product to fog 600 sq ft (a 20' x 30' area). For best results, apply one pump of the fogger every 3 to 4 seconds to obtain the best fog quality. It will take approximately 18-20 pumps to fog 600 sq. ft. A 5000 sq. ft. lawn can be treated in 10 minutes. 4-1/2 cups of product will be required to treat 1/2 acre. Refer to the fogger instruction booklet for additional details.

Apply fog while moving away from treated area.

Spray Applications – [Affix trigger sprayer to bottle. Turn nozzle to on position.] [Use pump-up or other mechanical sprayer. Do not dilute this product.] Point sprayer away from face. For best results, spray when air is calm. Spray with wind if breeze is blowing. Spray surface until slightly wet (at a rate of 4 ounces of product to treat approximately 25 square feet of surface area.) Do not spray vegetation directly to prevent damage to foliage.

Pests on Outside Surfaces of Buildings: For control of building infestations of *Ants*, *Clover Mites*, *Crickets*, *Earwigs*, *Millipedes* and *Sowbugs (Pillbugs)*, spray foundation of building where insects are active and may find entrance up to a height of 2 to 3 feet. Apply as a residual spray to outside surfaces of buildings where insects tend to congregate. Spray areas include (but are not limited to) screens, window frames, eaves, porches, patios, garages and refuse dumps.

Crawling Insects: *Ants (Including Carpenter, Fire, Pharaoh, and Crazy Ants)*, *Cockroaches*, *Crickets* and *Silverfish*, hold can 12 to 18 inches from surface to be treated and spray infested surfaces of patio or picnic area, hitting as many insects as possible. Spray to slightly moisten the surface. Also spray legs of tables and chairs.

Ants, Lone Star Ticks, Deer Ticks, Crickets, Chiggers, Fleas and Earwigs: Apply thoroughly to infestation in bushes, grass or weeds. For *Ants*, spray on and around hills and trails until damp. Spray nests hidden under steps, brickwork, concrete, etc. Break apart accessible nests and spray on and around debris.

Flying Insects: *Flies (Including Black, Deer, Face, Horn, House and Stable Flies)*, *Mosquitoes* and *Gnats*: spray around doors, window frames and similar areas of entry. Also spray garbage and refuse areas, especially around poultry houses, barns, stables and similar areas of heavy infestation.

Wasps, Hornets, Yellow Jackets and Bees: Application should be made in late evening when insects are at rest. Stand a safe distance from nest and not directly underneath. Residual action will kill wasps and hornets returning to the nest. Wait at least 24 hours before removing the nest. Point spray opening away from face. Aim spray at nest openings in bushes, under eaves, chimneys, cracks & crevices. Thoroughly saturate nest with spray, contacting as many insects as possible.

INDOORS

Spray Applications – [Affix trigger sprayer to bottle. Turn nozzle to on position.] [Use pump-up or other mechanical sprayer. Do not dilute this product.] Point spray away from face. Spray surface until slightly wet (at a rate of 4 ounces of product to treat approximately 25 square feet of surface area). Apply product to small area first to check for staining.

Cockroaches, Ants, Boxelder Bugs, Crickets, Dermestids, Firebrats, Fleas, Palmetto Bugs, Silverfish, Sowbugs, Ticks and Waterbugs: Apply to all areas where these pests crawl and hide, especially in cracks and crevices and hidden areas around sinks and storage areas, behind baseboards, around doors and windows, behind and under refrigerators, cabinets, sinks and stoves, the underside of shelves, drawers, bookcases and similar areas. When pests are driven out, spray directly.

Ants: Spray around ant trails, doors and windows and other places where ants enter premises.

Carpenter Ants: For effective control, locate and treat nests and surrounding areas. Apply around doors and windows and other places where ants enter premises and where they crawl and hide. Spray into infested wood through existing openings.

Fleas and Ticks: Apply in infested areas such as pet resting quarters, nearby cracks and crevices, under the edges of rugs and floor coverings, between and under cushions of upholstered furniture and other areas where these pests may be present. Old bedding of pets should be removed and replaced with clean fresh bedding after treatment of pet areas. Do not use directly on pets. For best results, pets should be treated with an appropriate flea and/or tick control product registered for use on pets before allowing them to return to the treated area.

Spiders: Apply along and behind baseboards, to window and door frames, corners, pipes, storage localities, attics, crawl spaces and other areas over which these pests may crawl. Also spray webbing contacting spiders directly where possible.

Earwigs, Ground Beetles, Millipedes, Mole Crickets, Pillbugs, Sowbugs and Ticks: Apply around doors and windows and other places where these pests may enter premises. Treat baseboards, storage areas and other locations where these pests are found.

PANTRY PESTS – Grain Beetles, Flour Beetles, Cigarette Beetles, Clover Mites, Cluster Flies, Drugstore Beetles, Elmleaf Beetles, Rice Weevils, Lesser Grain Borers, Spider Beetles and Tobacco Moths: Treat exposed stages. Remove all foodstuffs, utensils and shelf paper from area to be treated. Discard used shelf paper and any infested foodstuffs. Apply spray to shelves and in cracks and crevices behind and under cupboards and cabinets. Allow spray to dry prior to replacement of shelf paper, food and utensils.

Carpet Beetles: Spray on and under edges of floor coverings, under rugs and furniture and in closets or other localities where these insects are found.

Webbing Clothes Moths: Use this product as a crack and crevice treatment in closets and other storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on clothes. Do not apply to clothing.

STORAGE AND DISPOSAL

Pesticide Storage: Do not store near heat or open flame. Store in a cool, dry area away from children.

Pesticide Disposal and Container Handling: *If empty:* Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. *If partly filled:* Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, VALENT BIOSCIENCES CORPORATION MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Valent BioSciences Corporation is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Valent BioSciences Corporation disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT VALENT BIOSCIENCES CORPORATION'S ELECTION, THE REPLACEMENT OF PRODUCT.

[Or alternate text

Note [Notice]: Seller warrants that this product complies with the specifications expressed in this label. To the extent consistent with applicable law, seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, seller's liability or default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, seller shall have no liability for consequential damages.]

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TetraPerm is a registered trademark of Valent BioSciences Corporation.

Valent BioSciences Corporation
Environmental Science Division
870 Technology Way
Libertyville, IL 60048

[] Denote alternate text in addition to any subset of the directions for use.

Alternate Front Panel Bullets:

- *A Broad Spectrum Insecticide Highly Effective Against Ants, Bees, Carpenter Ants, Carpet Beetles, Centipedes, Chiggers, Flies, Flour Beetles, Gnats, Grain Beetles, Ground Beetles, Hornets, Millipedes, Mole Crickets, Mosquitoes, Moths, Pillbugs, Silverfish, Sowbugs, Spiders, Ticks, Wasps, Yellow Jackets And Other Crawling And Flying Insects*
- *Guaranteed To Work Or Your Money Back*
- *Kills Mosquitoes, Flies, Gnats, Bees, Yellow Jackets, Wasps, Hornets, Moths, No-See-Ums*
- *Fog In Minutes*
- *Great For Treating Large Areas*
- *Treat Large Areas Fast & Easy*
- *[Insecticide Fog][Fog] Reaches Insects [Bugs][Mosquitoes, Flies, And Gnats] Hiding In Shrubs, Trees, And Flowers*
- *Treat Your Yard In Minutes*
- *Fog Your Yard In Minutes*

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TetraPerm® Multi-Purpose Insect Killer

Intended for Commercial/Professional Use Only

- *[For Indoor And Outdoor Use*
- *Ready-To-Use*
- *Ready To Use In Propane, Gas & Electric Foggers*
- *May Also Be Sprayed*
- *Provides Quick Killing Action And Residual Control*
- *High Knockdown & Kill*
- *For Control Of Annoying Pests Including Gnats, Moths, Flies, Black Flies, Deer Flies, Horse Flies, Mosquitoes, Ants, Spiders, Chiggers, Earwigs, Hornets*
- *Easy-To-Use*
- *Kills On Contact*
- *Kills Fast*
- *Kills Fleas & Ticks*
- *Kills Home Invading Pests*
- *Kills Spiders*
- *Kills Roaches, Ants And Fleas On Contact*
- *Reaches Insects [Bugs][Mosquitoes And Flies] Where They Hide*
- *Great To Use Before Parties & Picnics*
- *Treat An Average 5,000 Sq Ft Yard In 10 Minutes*
- *Oil-Based – Dielectric Breakdown Voltage Of 47,300 Volts]*

ACTIVE INGREDIENTS:

Tetramethrin	0.10%
Permethrin*	0.25%
Piperonyl Butoxide**	0.50%
OTHER INGREDIENTS†:	99.15%
	100.00%

*Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.

***(butylcarbityl)(6-propylpiperonyl) ether and related compounds.*

†Contains petroleum distillate.

EPA Reg. No.: 73049-432

EPA Est. No.:

PRECAUCION AL CONSUMIDOR: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.
(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you).

KEEP OUT OF REACH OF CHILDREN
CAUTION
See Side Panel for Additional Precautions

FIRST AID	
If In Eyes:	<ul style="list-style-type: none"> • 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.
If On Skin Or Clothing:	<ul style="list-style-type: none"> • 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 Swallowed:	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-877-315-9819.	
NOTE TO PHYSICIAN	
Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

Net Contents:

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

CAUTION

Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators and other handlers, must wear the following:

- Long-sleeved shirt and long pants
- Chemical resistant gloves such as barrier laminate, viton, neoprene rubber or nitrile rubber
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist, for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

In addition to the above PPE, applicators using a high pressured hand wand in indoor spaces must wear at least a NIOSH-approved respirator with: a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C, or any N,R, P, or HE filter.

User Safety Recommendations:

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside and after handling this product. Wash the outside of gloves before removing. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This product is extremely toxic to aquatic organisms, including fish and invertebrates. 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 runoff to water bodies and drainage systems.

This pesticide 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.

DIRECTIONS FOR USE

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

Use Restrictions

- Do not remain in treated area. Exit area immediately and do not re-enter or allow others to enter until surfaces have dried and vapors/fog have dispersed, and the treated area has been thoroughly ventilated.
- Do not apply this product in a way that will contact adults, children, or pets either directly or through drift.
- Do not wet plants or treated articles to the point of runoff or drip. Do not use treated articles until spray has dried.
- Do not apply when food is present. Remove or cover exposed drinking water before application. Remove or cover utensils, food processing equipment, and food preparation surfaces before application, or wash them before use.
- Remove pets, birds and cover any water inhabited by fish (such as aquariums and ornamental fish ponds) before application. Turn off aquarium filtering systems before spraying and wait approximately 15 minutes after application before turning the filter back on.
- 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.
- 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. Application to lawns, turf, and other vegetation
 3. Application to building foundations, up to a maximum height of 3 feet
- Other than application 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.

- Do not water the treated area to the point of run-off.
- Do not make applications during rain.
- Only protected handlers may be in the area during applications.
- 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.
- Do not apply this product in occupied patient rooms or in any room occupied by the elderly or infirm. Do not apply to classrooms when in use.
- Do not use in food areas of food handling establishments, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held.
- May be applied in non-food/feed areas. Non-food/feed establishment areas are areas such as garbage rooms, lavatories, entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after canning or bottling).
- Do not use in aircraft cabins.

OUTDOORS

Do not use on edible crops.

Thermal Applications –

This product can be used in thermal foggers that can deliver spray particle sizes within the aerosol-size range.

For reduction in annoyance from *Flies, Mosquitoes, Gnats, Black Flies, Chiggers, Fleas* and *Ticks* in yards, patios, around your ornamental garden, lawn, deck, patio, swimming pool, picnic area, campsite and horse stables, hold thermal applicator at least five feet from any object, especially plants and shrubbery. Avoid wetting any plant foliage.

When used in a thermal fogger, this product becomes a micron sized, virtually odor-free, fog that moves through the air to penetrate dense foliage to contact insects where they live/hide. Insects are killed on contact.

WHEN AND HOW TO FOG:

4. The best time to fog is in late afternoon or early dusk when the wind is calm and insect activity is increasing. Do not treat if the wind is greater than 5 mph because the fog will dissipate too quickly and not provide acceptable control.
5. Pour TetraPerm Multi-Purpose Insect Killer undiluted into the thermal fogger. Refer to the thermal fogger use instructions for proper use and maintenance of the fogger.
6. Apply at the rate of 1 oz of product to fog 600 sq ft (a 20' x 30' area). For best results, apply one pump of the fogger every 3 to 4 seconds to obtain the best fog quality. It will take approximately 18-20 pumps to fog 600 sq. ft. A 5000 sq. ft. lawn can be treated in 10 minutes. 4-1/2 cups of product will be required to treat 1/2 acre. Refer to the fogger instruction booklet for additional details.

Apply fog while moving away from treated area.

Spray Applications – [Affix trigger sprayer to bottle. Turn nozzle to on position.] [Use pump-up or other mechanical sprayer. Do not dilute this product.] Point sprayer away from face. For best results, spray when air is calm. Spray with wind if breeze is blowing. Spray surface until slightly wet (at a rate of 4 ounces of product to treat approximately 25 square feet of surface area.) Do not spray vegetation directly to prevent damage to foliage.

Pests on Outside Surfaces of Buildings: For control of building infestations of *Ants, Clover Mites, Crickets, Earwigs, Millipedes* and *Sowbugs (Pillbugs)*, spray foundation of building where insects are active and may find entrance up to a height of 2 to 3 feet. Apply as a residual spray to outside surfaces of buildings where insects tend to congregate. Spray areas include (but are not limited to) screens, window frames, eaves, porches, patios, garages and refuse dumps.

Crawling Insects: *Ants (Including Carpenter, Fire, Pharaoh, and Crazy Ants), Cockroaches, Crickets* and *Silverfish*, hold can 12 to 18 inches from surface to be treated and spray infested surfaces of patio or picnic area, hitting as many insects as possible. Spray to slightly moisten the surface. Also spray legs of tables and chairs.

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Ants, Lone Star Ticks, Deer Ticks, Crickets, Chiggers, Fleas and Earwigs: Apply thoroughly to infestation in bushes, grass or weeds. For **Ants**, spray on and around hills and trails until damp. Spray nests hidden under steps, brickwork, concrete, etc. Break apart accessible nests and spray on and around debris.

Flying Insects: Flies (Including Black, Deer, Face, Horn, House and Stable Flies), Mosquitoes and Gnats: spray around doors, window frames and similar areas of entry. Also spray garbage and refuse areas, especially around poultry houses, barns, stables and similar areas of heavy infestation.

Wasps, Hornets, Yellow Jackets and Bees: Application should be made in late evening when insects are at rest. Stand a safe distance from nest and not directly underneath. Residual action will kill wasps and hornets returning to the nest. Wait at least 24 hours before removing the nest. Point spray opening away from face. Aim spray at nest openings in bushes, under eaves, chimneys, cracks & crevices. Thoroughly saturate nest with spray, contacting as many insects as possible.

INDOORS

Spray Applications – [Affix trigger sprayer to bottle. Turn nozzle to on position.] [Use pump-up or other mechanical sprayer. Do not dilute this product.] Point spray away from face. Spray surface until slightly wet (at a rate of 4 ounces of product to treat approximately 25 square feet of surface area). Apply product to small area first to check for staining.

Cockroaches, Ants, Boxelder Bugs, Crickets, Dermestids, Firebrats, Fleas, Palmetto Bugs, Silverfish, Sowbugs, Ticks and Waterbugs: Apply to all areas where these pests crawl and hide, especially in cracks and crevices and hidden areas around sinks and storage areas, behind baseboards, around doors and windows, behind and under refrigerators, cabinets, sinks and stoves, the underside of shelves, drawers, bookcases and similar areas. When pests are driven out, spray directly.

Ants: Spray around ant trails, doors and windows and other places where ants enter premises.

Carpenter Ants: For effective control, locate and treat nests and surrounding areas. Apply around doors and windows and other places where ants enter premises and where they crawl and hide. Spray into infested wood through existing openings.

Fleas and Ticks: Apply in infested areas such as pet resting quarters, nearby cracks and crevices, under the edges of rugs and floor coverings, between and under cushions of upholstered furniture and other areas where these pests may be present. Old bedding of pets should be removed and replaced with clean fresh bedding after treatment of pet areas. Do not use directly on pets. For best results, pets should be treated with an appropriate flea and/or tick control product registered for use on pets before allowing them to return to the treated area.

Spiders: Apply along and behind baseboards, to window and door frames, corners, pipes, storage localities, attics, crawl spaces and other areas over which these pests may crawl. Also spray webbing contacting spiders directly where possible.

Earwigs, Ground Beetles, Millipedes, Mole Crickets, Pillbugs, Sowbugs and Ticks: Apply around doors and windows and other places where these pests may enter premises. Treat baseboards, storage areas and other locations where these pests are found.

PANTRY PESTS – Grain Beetles, Flour Beetles, Cigarette Beetles, Clover Mites, Cluster Flies, Drugstore Beetles, Elmleaf Beetles, Rice Weevils, Lesser Grain Borers, Spider Beetles and Tobacco Moths: Treat exposed stages. Remove all foodstuffs, utensils and shelf paper from area to be treated. Discard used shelf paper and any infested foodstuffs. Apply spray to shelves and in cracks and crevices behind and under cupboards and cabinets. Allow spray to dry prior to replacement of shelf paper, food and utensils.

Carpet Beetles: Spray on and under edges of floor coverings, under rugs and furniture and in closets or other localities where these insects are found.

Webbing Clothes Moths: Use this product as a crack and crevice treatment in closets and other storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on clothes. Do not apply to clothing.

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12**STORAGE AND DISPOSAL**

Pesticide Storage: Do not store near heat or open flame. Store in a cool, dry area away from children.

Pesticide Disposal and Container Handling: *If empty:* Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. *If partly filled:* Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.

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[Or alternate text

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[] Denote alternate text in addition to any subset of the directions for use.

Alternate Front Panel Bullets:

- *A Broad Spectrum Insecticide Highly Effective Against Ants, Bees, Carpenter Ants, Carpet Beetles, Centipedes, Chiggers, Flies, Flour Beetles, Gnats, Grain Beetles, Ground Beetles, Hornets, Millipedes, Mole Crickets, Mosquitoes, Moths, Pillbugs, Silverfish, Sowbugs, Spiders, Ticks, Wasps, Yellow Jackets And Other Crawling And Flying Insects*
- *Guaranteed To Work Or Your Money Back*
- *Kills Mosquitoes, Flies, Gnats, Bees, Yellow Jackets, Wasps, Hornets, Moths, No-See-Ums*
- *Fog In Minutes*
- *Great For Treating Large Areas*
- *Treat Large Areas Fast & Easy*
- *[Insecticide Fog][Fog] Reaches Insects [Bugs][Mosquitoes, Flies, And Gnats] Hiding In Shrubs, Trees, And Flowers*