

72155-58

8/6/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON D C 20460

AUG 6 2012

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Annette M Bloomberg  
Bayer Advanced  
P O Box 12014  
2 T W Alexander Drive  
Research Triangle Park NC 27709

Subject Notification per PRN 98 10

EPA Reg No 72155 58  
Tempo® 2.5 SC Ultra Concentrate Insecticide

Date of Submission July 9 2012

Dear Ms Bloomberg

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98 10 for the abovementioned product. The Registration Division (RD) has conducted a review of this request and finds that the action(s) requested fall within the scope of PRN 98 10. The label submitted with the application has been stamped Notification and will be placed in our records.

Should you wish to retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

If you have any questions regarding this action, please contact Olga Odiott at (703)308-9369.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark Suarez".

Mark Suarez  
Product Manager 13  
Insecticide Branch  
Registration Division (7505P)



Please read instructions on reverse before completing form

Form Approved OMB No 2070 0060

<p>United States <b>Environmental Protection Agency</b> Washington DC 20460</p>	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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**Application for Pesticide Section I**

<b>1 Company/Product Number</b> 72155 58	<b>2 EPA Product Manager</b> Mark Suarez	<b>3 Proposed Classification</b> <input type="checkbox"/> None <input type="checkbox"/> Restricted
<b>4 Company/Product (Name)</b> Tempo 2 5SC Ultra Concentrate Insecticide	<b>PM#</b> 13	
<b>5 Name and Address of Applicant (Include ZIP Code)</b> Bayer Advanced 2 T W Alexander Drive Research Triangle Park NC 27709  <input type="checkbox"/> Check if this is a new address	<b>6 Expedited Review</b> In accordance with FIFRA Section 3(c)(3) (b)(i) my product is similar or identical in composition and labeling to EPA Reg No _____  Product Name _____	

**Section II**

<input type="checkbox"/> Amendment Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> Me Too Application
<input checked="" type="checkbox"/> Notification Explain below	<input type="checkbox"/> Other Explain below

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

See Attached

**Section III**

<b>1 Material This Product Will Be Packaged In</b>					
<b>Child Resistant Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Unit Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Water Soluble Packaging</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>2 Type of Container</b> <input type="checkbox"/> Metal <input 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		
<b>3 Location of Net Contents Information</b> <input type="checkbox"/> Label <input type="checkbox"/> Container		<b>4 Size(s) Retail Container</b>		<b>5 Location of Label Directions</b> <input type="checkbox"/>	
<b>6 Manner in Which Label is Affixed to Product</b> <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

**Section IV**

**1 Contact Point** (Complete items directly below for identification of individual to be contacted if necessary to process this application)

<b>Name</b> Annette M Bloomberg	<b>Title</b> Product Registration Manager	<b>Telephone No (Include Area Code)</b> 919 549 2608
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**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)**

<b>2 Signature</b> 	<b>3 Title</b> Product Registration Manager	
<b>4 Typed Name</b> Annette M Bloomberg	<b>5 Date</b> July 9 2012	

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[FRONT PANEL]

**NOTIFICATION**

**AUG 06 2012**

# Tempo<sup>®</sup> 2.5 SC Ultra

## Concentrate Insecticide

(ABN) Bayer Advanced Carpenter Ant & Termite Killer Plus\* Concentrate

- Controls listed wood infesting stinging crawling and flying insects on contact
- Kills and protects against wood destroying & home invading insects
- Kills termites carpenter ants & other wood destroying and home invading insects
- Kills Subterranean Formosan and Drywood Termites on contact
- Kills over 75 types of insects around home garden and lawn
- Kills ticks that transmit Lyme Disease
- Creates protective barrier around home
- Keeps wood destroying and other home invading insects out of your home
- For use on listed sites
- Controls Home Invading Pests for up to 3 months and Lawn & Landscape Pests for up to 14 days
- One Quart makes up to 384 gallons of product
- Low odor formula
- Will not stain or damage exterior surfaces
- Kills wood destroying insects on contact
- 100 / satisfaction guaranteed
- Kills wood destroying insects (including carpenter bees) Plus 75 other pests
- Kills Stink Bugs (including Brown Marmorated Stink Bugs and Kudzu Bugs)

Plus kills ants fleas ticks crickets spiders flies and other listed pests

**ACTIVE INGREDIENT**

β Cyfluthrin

2.5 /

**OTHER INGREDIENTS**

97.5 /

Net Contents 32 fl oz (946 mL) or 64 fl oz (1.89 L) or 1 Gal

**KEEP OUT OF REACH OF CHILDREN**


### CAUTION

See Back Panel Booklet for Additional Ingredients and Precautionary Statements

(BACK PANEL)

TEMPO 2.5 SC ULTRA CONCENTRATE INSECTICIDE provides a better way to protect your home against termites carpenter ants and other wood destroying pests. This convenient formula kills home invading insects on contact and keeps working for up to 3 months. Protecting your home garden and lawn from listed damaging insects has never been easier.

**READ THE LABEL FIRST!**

<b>QUICK FACTS</b>											
<p>One Quart treats up to 21 000 sq ft (approx half the size of a football field)</p> <p>Protects against wood damaging and home invading insects</p> <p>Effective home barrier treatment</p> <p>Kills on contact</p> <p>Convenient MEASURE UP CUP</p>											
<b>KILLS</b>	Termites Ants Carpenter Ants Spiders Ticks Fleas and Stink Bugs (including Brown Marmorated Stink Bugs and Kudzu Bugs)										
<b>WHERE TO USE</b>	Houses pet quarters & other outbuildings (foundations walls eaves doorways window frames) decks patios & porches walks garages garbage cans & garbage areas fences posts & poles stored lumber woodpiles lawns landscape trees shrubs flowers ground covers vines tree stumps and other listed areas										
<b>WHEN TO USE</b>	To control and prevent insect infestations										
<b>COVERAGE</b>	<table border="1"> <thead> <tr> <th>Pest</th> <th>One Quart Treats up to</th> </tr> </thead> <tbody> <tr> <td>Termites</td> <td>13 ft of trench length</td> </tr> <tr> <td>Wood Destroying &amp; Home Invading Pests</td> <td>10 500 sq ft</td> </tr> <tr> <td>Lawn Pests</td> <td>21 000 sq ft</td> </tr> <tr> <td>Landscape Pests</td> <td>190 medium size trees or 6 000 medium size shrubs</td> </tr> </tbody> </table>	Pest	One Quart Treats up to	Termites	13 ft of trench length	Wood Destroying & Home Invading Pests	10 500 sq ft	Lawn Pests	21 000 sq ft	Landscape Pests	190 medium size trees or 6 000 medium size shrubs
	Pest	One Quart Treats up to									
	Termites	13 ft of trench length									
	Wood Destroying & Home Invading Pests	10 500 sq ft									
	Lawn Pests	21 000 sq ft									
Landscape Pests	190 medium size trees or 6 000 medium size shrubs										
<b>TIP</b> To determine square feet measure length & width of the area to be treated to the nearest foot and multiply the two readings together											
 <p>For questions or comments call toll free 1 877 BayerAG (1 877 229 3724) or visit our website at <a href="http://www.bayeradvanced.com">www.bayeradvanced.com</a></p>											

**FOR OUTDOOR HOMEOWNER USE ONLY**

**ACTIVE INGREDIENT**

β Cyfluthrin

2.5 /

**OTHER INGREDIENTS**

97.5 /

**TOTAL**

100.0 /

EPA Reg No 72155 58

EPA Est No \_\_\_\_ AA \_\_\_\_

β Cyfluthrin is the chemical name for Tempo® Ultra

**DIRECTIONS FOR USE**

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

For best results read and follow all label directions

**BEFORE YOU USE**

Read and follow directions when using

- Do not apply near fish pools ponds streams rivers or lakes
- Apply to flowering plants early morning or late evening when bees are not present
- Do not apply to plants grown for food
- Food utensils such as measuring spoons and measuring cups should not be used for food purposes after use with insecticides
- Do not apply in or on electrical equipment due to possibility of shock

**HOW TO USE**

Shake well before use

<b>Subterranean Termites</b>	
<b>Building Foundations</b>	
Use 3/4 Cup (6 fl oz) of TEMPO 2.5 SC ULTRA CONCENTRATE INSECTICIDE per gallon of water	
Prevents subterranean termite infestations For outdoor homeowner post construction use only If termites are found within the house or structure contact a licensed pest control operator for treatment	
Wells & Cisterns Do not treat structures that contain cisterns or wells Soil in the vicinity of wells cisterns or ponds should not be treated	
<b>HOW TO APPLY</b>	<ol style="list-style-type: none"> <li>1 Dig a trench next to the foundation 6" wide and 6" deep or down to the top of the footing whichever is less Never dig below the top of a footing (to avoid shifting the foundation) Remove &amp; discard any scrap wood unearthed while digging</li> <li>2 Apply 4 gallons of diluted product to every 10 feet of trench length Refill trench with soil mixing it with liquid</li> <li>3 Reapplication should only be made when there has been a disruption of the chemical barrier in the soil due to construction excavation landscaping etc Reapplication should be made as a spot treatment to those areas Annual reapplication of the entire premises must be avoided</li> </ol>

<b>Deck &amp; Fence Posts</b>	
Use 1/4 Cup (2 fl oz) of TEMPO 2.5 SC ULTRA CONCENTRATE INSECTICIDE per gallon of water	
<b>HOW TO APPLY</b>	To protect wooden posts & wooden poles (fence deck mailbox etc) place post or pole in hole and evenly disperse one gallon of diluted product in soil around post

<b>Firewood</b>	
Use 2 Tbs (1 fl oz) of TEMPO 2.5 SC ULTRA CONCENTRATE INSECTICIDE per gallon of water	
<b>HOW TO APPLY</b>	Treat each 8 square feet of ground with 1 gallon of diluted product prior to stacking

<b>Other Wood Destroying Pests</b>	
Use 2 Tbs (1 fl oz) of TEMPO 2.5 SC ULTRA CONCENTRATE INSECTICIDE per gallon of water	
Above Ground Termites (Drywood Formosan) Carpenter Ants Carpenter Bees & Wood Infesting Beetles (Ambrosia Beetles Deathwatch Beetles False Powderpost Beetles Old House Borer Beetles Powderpost Beetles)	
<b>HOW TO APPLY</b>	<p>Spray or brush evenly onto outdoor wooden surfaces Spray into areas of known or suspect insect activity such as holes voids and channels in damaged wood spaces between wooden parts of a structure spaces between different types of building materials (for example wood and concrete) and cracks &amp; crevices Spray exposed insects</p> <p>Carpenter Bee holes should be filled with a suitable sealant when there is no evidence of bee activity usually 24 hours after treating holes</p> <p>To keep insects from entering the house spray a 3 foot band on the ground around the house next to the foundation Spray the foundation of the house to a height of 1-2 feet Spray around doors windows and other possible entry points</p> <p>To protect firewood from Carpenter Ants treat each 8 square feet of ground with 1 gallon of diluted product prior to stacking</p>
<b>FOR BEST RESULTS</b>	Use a Hose End Sprayer for large areas

<b>Home Invading Pests</b>	
Use 2 Tbs (1 fl oz) of TEMPO 2.5 SC ULTRA CONCENTRATE INSECTICIDE per gallon of water Three gallons of diluted product will treat 1 000 sq ft	
Ants Boxelder Bugs Carpenter Ants Cecidflies Centipedes Clusterflies Cockroaches Crickets Elm Leaf Beetle Firebrats Fleas Flies Gnats Ground Beetles Midge Millipedes Mosquitoes Moths Scorpions Silverfish Spiders Ticks Termites Carpenter Ants Spiders Ticks and Stink Bugs (including Brown Marmorated Stink Bugs and Kudzu Bugs)	
<b>HOW TO APPLY</b>	<p>Spray where these pests may be found or could enter the house pet quarters or other outbuilding For example the walls eaves doorways &amp; window frames of the house spaces between different types of building materials and other cracks &amp; crevices decks patios &amp; porches walks garages garbage cans &amp; garbage areas stored lumber &amp; woodpiles under trees &amp; shrubs</p> <p>To keep insects from entering the building spray a 3 foot band on the ground around the house next to the foundation Also spray the foundation of the house to a height of 1-2 feet</p>
Bees Hornets Wasps and Yellow Jackets	
<b>HOW TO APPLY</b>	Adjust sprayer nozzle to pin stream & spray nest during evening when insects are at rest

To the depth of the treatment

<b>Lawn Pests</b>	
Use 1 Tbs (1/2 fl oz) of TEMPO 2.5 SC ULTRA CONCENTRATE INSECTICIDE per gallon of water. Three gallons of diluted product will treat 1,000 sq ft.	
<b>Pests Above Ground</b> Ants, Armyworms, Black Turfgrass Ataenius (adult), Bluegrass Billbug (adult), Chiggers, Chinch Bugs, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Hyperodes Weevil (adult), Japanese Beetles (adult), Scorpions, Sod Webworms, Ticks (including Deer Ticks)	
<b>HOW TO APPLY</b>	Hose End Sprayers work best on large areas while Pump Style Sprayers & Sprinkling Cans work best for spot treating smaller sections of the lawn.
<b>FOR BEST RESULTS</b>	Do not mow or water lawn for at least 24 hours to keep the insecticide above ground.
<b>Pests Below Ground</b> Fire Ants (aids in control only), Mole Crickets	
<b>HOW TO APPLY</b>	Hose End Sprayers work best on large areas while Pump Style Sprayers & Sprinkling Cans work best for spot treating smaller sections of the lawn. To control Fire Ants, thoroughly drench the entire mound.
<b>FOR BEST RESULTS</b>	Water lawn thoroughly after application to move insecticide below ground. Do not mow lawn until thoroughly watered in.

<b>Landscape Pests</b>	
Use 1/2 tsp of TEMPO 2.5 SC ULTRA CONCENTRATE INSECTICIDE per gallon of water.	
Ants, Aphids, Armyworms, Azalea Caterpillars, Bagworms, Boxelder Bugs, Bristly Rose Slugs, Budworms, California Oakworms, Cankerworms, Casebearers, Clover Mites, Cockroaches, Crickets, Cutworms, Elm Leaf Beetles, Elm Spanworms, Flea Beetles, Flies, Fungus Gnats, Grasshoppers, Gypsy Moth Larvae, Japanese Beetles (adult), June Beetles (adult), Lace Bugs, Leaf feeding Caterpillars, Leafrollers, Leaf Skeletonizers, Mealybugs, Midges, Mosquitoes, Oleander Moth Larvae, Orchid Weevil, Pear Psylla, Peppertree Psyllid, Pillbugs, Pine Shoot Moths, Pine Tip Moths, Plant Bugs, Redhumped Caterpillars, Sawfly Larvae, Scale Insects (crawler stages), Sowbugs, Spiders, Spittlebugs, Striped Beetles, Striped Oakworms, Tent Caterpillars, Thrips, Ticks (including Deer Ticks), Tussock Moth Larvae, Wasps, Walnut Caterpillars, Webworms, Whiteflies, Yellownecked Caterpillars, and Stink Bugs (including Brown Marmorated Stink Bugs and Kudzu Bugs)	
<b>FOR USE ON</b>	Landscape Trees & Shrubs, Roses & Flowers (Annuals, Biennials, Perennials), Ground Covers and Vines
<b>HOW TO APPLY</b>	Spray leaves until evenly coated, but not dripping. To kill insects that hide, spray underside of leaves. To achieve outdoor cockroach control, spray hiding or resting places such as under shrubbery & ground covers and in mulch & hollow trees.
<b>FOR BEST RESULTS</b>	Keep foliage dry for one hour after application. Avoid serious damage to plants. Begin treatment as soon as insects or damage first appears.

<b>APPLICATION METHODS</b>	
<b>Sprinkling Can or Bucket</b>	1. Shake well. Add the appropriate amounts of concentrate and water to sprinkling can or bucket. 2. Mix well and apply.
<b>Pump Style Sprayers</b>	1. Shake well. Add the appropriate amounts of concentrate and water to the sprayer tank. 2. Close sprayer, shake well and pressurize. 3. Adjust nozzle to a coarse spray pattern and apply. 4. Occasionally re-pressurize the sprayer if needed to maintain a good spray pattern.
<b>Dial Style Hose End Sprayers</b>	1. Shake well. Fill sprayer jar with enough concentrate to cover plants to be treated. Close sprayer and set dial. TIP: The numbers on Dial Style Hose End Sprayers are ounces of Concentrate per gallon of spray. 2. Attach sprayer to hose and apply.
<b>Concentrate Plus Water Hose End Sprayers</b>	1. Shake well. Pour concentrate into sprayer jar to the required fluid ounce level. 2. Add the appropriate amount of water to the gallons level. 3. Replace sprayer top and shake well. 4. Attach sprayer to hose and apply.

	<p>People and pets may reenter the treated area after it has dried</p>
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<p><b>Restrictions</b></p>	<p>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 treatment 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</p>
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<p><b>Storage and Disposal</b></p>	<p>Do not contaminate water food or feed by storage or disposal</p>
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<p><b>STORAGE CONDITIONS</b></p>	<p>Store in original container in a cool dry place out of the reach of children preferably a locked storage cabinet Protect from freezing</p>
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<p><b>DISPOSAL</b></p>		<p>If <b>Empty</b> Non refillable container Do not refill or reuse this container Place in trash or offer for recycling if available          If <b>partly filled</b> Call your local solid waste agency or toll free 1 877 229 3724 for disposal instructions          Never place unused product down any indoor or outdoor drain</p>
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**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

<p><b>CAUTION</b></p>	<p>Harmful if swallowed absorbed through skin or inhaled          Causes moderate eye irritation          Avoid contact with skin eyes or clothing          Avoid breathing spray mist          Washing hands thoroughly with soap and water after handling and before eating drinking chewing gum or using tobacco will reduce exposure          When using this product wear long sleeved shirt long pants socks shoes and rubber gloves Removing and washing contaminated clothing before reuse may reduce exposure</p>
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**+ FIRST AID**

<p><b>If Swallowed</b></p>	<p>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 to an unconscious person</p>
<p><b>If in Eyes</b></p>	<p>Hold eye open and rinse slowly and gently with water for 15 to 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</p>
<p><b>If on Skin or clothing</b></p>	<p>Take off contaminated clothing          Rinse skin immediately with plenty of water for 15 to 20 minutes          Call a poison control center or doctor for treatment advice</p>
<p><b>If Inhaled</b></p>	<p>Move person to fresh air          If not breathing call 911 or an ambulance then give artificial respiration preferably by mouth to mouth if possible          Call a poison control center or doctor for further treatment advice</p>

**NOTE** When calling poison control center have this product label accessible If seeking treatment at an emergency room or doctor s office bring this product label to show medical personnel You may call toll free 877 229 3763 for medical emergency information  
 Active Ingredient 2 5 / ß Cyfluthrin (CAS #68359 37 5)

**ENVIRONMENTAL HAZARDS**

This product is highly toxic to fish and aquatic invertebrates

This product is highly toxic to bees Do not apply when bees are active

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** Research and testing have determined that the Directions For Use are appropriate for the proper use of TEMPO 2.5 SC ULTRA CONCENTRATE INSECTICIDE under expected conditions The Buyer assumes responsibility for lack of performance or safety if not used according to the directions

**Money Back Guarantee** If you are not satisfied with this product we will gladly refund your original purchase price

PRODUCED FOR



A Business Unit of Bayer CropScience LP  
P O Box 12014 2 T W Alexander Drive  
Research Triangle Park North Carolina 27709

Tempo 2.5 SC Ultra (MASTER) Approved 09/09/10 Notification 01/24/12 05/24/12 07/09/12