



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 21, 2017

Norma C. Pangilinan, Ph.D.
Head of Regulatory Affairs
SBM Life Science Corp.
1001 Winstead Drive Suite 500
Cary, NC 27513

Subject: Notification per PRN 98-10 – ABNs and marketing claims
Product Name: TEMPO 2.5 SC ULTRA CONCENTRATE
EPA Registration Number: 92564-24
Application Date: 4/4/2017
Decision Number: 528389

Dear Dr. Pangilinan:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The alternate brand names "*Bianova Advanced Carpenter Ant & Termite Killer Plus* Concentrate; BioAdvanced Carpenter Ant & Termite Killer Plus* Concentrate; BioAdvanced Science-Based Solutions Carpenter Ant & Termite Killer Plus* Concentrate; Fortifend Advanced Carpenter Ant & Termite Killer Plus* Concentrate*" have been added to the product record.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

Should you wish to add/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) list 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.

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If you have any questions, you may contact Angela Hollis at 703-347-0216 or via email at hollis.angela@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kable Bo Davis', enclosed within a large, hand-drawn oval.

Kable Bo Davis, Product Manager 3
Invertebrate and Vertebrate Branch 1
Registration Division (7505P)
Office of Pesticide Programs

NOTIFICATION

92564-24

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

04/21/2017

[FRONT PANEL]

Tempo[®] 2.5 SC Ultra Concentrate Insecticide

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

Bianova Advanced Carpenter Ant & Termite Killer Plus* Concentrate:

BioAdvanced Carpenter Ant & Termite Killer Plus* Concentrate:

BioAdvanced Science-Based Solutions Carpenter Ant & Termite Killer Plus*

Concentrate; Fortifend Advanced Carpenter Ant & Termite Killer Plus*

Concentrate

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- 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)

Marketing Claim for Brand Name Change:

New Name. Same Great Results.

New Name. Same Familiar Formula.

New Name. Same Performance.

* 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!

QUICK FACTS		
<ul style="list-style-type: none"> • One Quart treats up to 21,000 sq. ft. (approx. half the size of a football field) • Protects against wood-damaging and home-invading insects • Effective home barrier treatment • Kills on contact • Convenient MEASURE-UP CUP™ 		
KILLS	Termites, Ants, Carpenter Ants, Spiders, Ticks, Fleas, and Stink Bugs (including Brown Marmorated Stink Bugs and Kudzu Bugs).	
WHERE TO USE	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.	
WHEN TO USE	To control and prevent insect infestations	
COVERAGE	Pest	
	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
TIP: To determine 'square feet', measure length & width of the area to be treated to the nearest foot and multiply the two readings together.		
	For questions or comments, call toll-free 1-877-BayerAG-1-877-229-3724 , or visit our website at www.bayeradvanced.com [INSERT COMPANY WEBSITE HERE]	

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FOR OUTDOOR HOMEOWNER USE ONLY

ACTIVE INGREDIENT:

β-Cyfluthrin 2.5 %

OTHER INGREDIENTS 97.5 %

TOTAL 100.0 %

EPA Reg. No. **72155-58 92564-24**

EPA Est. No. **-AA-**

β - Cyfluthrin is the chemical name for Tempo® Ultra.

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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.	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • Shake well before use.

Subterranean Termites	
Building Foundations: 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.	
HOW TO APPLY	<ol style="list-style-type: none"> 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 & discard any scrap wood unearthed while digging. 2. Apply 4 gallons of diluted product to every 10 feet of trench length. Refill trench with soil, mixing it with liquid. 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.

Deck & Fence Posts	
Use 1/4 Cup (2 fl. oz.) of TEMPO 2.5 SC ULTRA CONCENTRATE INSECTICIDE per gallon of water.	
HOW TO APPLY	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.

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

Other Wood-Destroying Pests	
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)	
HOW TO APPLY	<ul style="list-style-type: none"> • 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 & crevices. Spray exposed insects. • Carpenter Bee holes should be filled with a suitable sealant when there is no evidence of bee activity, usually 24 hours after treating holes. • 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. • To protect firewood from Carpenter Ants, treat each 8 square feet of ground with 1 gallon of diluted product prior to stacking.
FOR BEST RESULTS	<ul style="list-style-type: none"> • Use a Hose-End Sprayer for large areas.

Home Invading Pests	
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, Midges, Millipedes, Mosquitoes, Moths, Scorpions, Silverfish, Spiders, Ticks, Termites, Carpenter Ants, Spiders, Ticks, and Stink Bugs (including Brown Marmorated Stink Bugs and Kudzu Bugs).	
HOW TO APPLY	<ul style="list-style-type: none"> • Spray where these pests may be found or could enter the house, pet quarters or other outbuilding. For example, the walls, eaves, doorways & window frames of the house; spaces between different types of building materials and other cracks & crevices; decks, patios & porches, walks; garages; garbage cans & garbage areas; stored lumber & woodpiles; under trees & shrubs. • 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.
Bees, Hornets, Wasps and Yellow Jackets	
HOW TO APPLY	<ul style="list-style-type: none"> • Adjust sprayer nozzle to pin stream & spray nest during evening when insects are at rest.

* To the depth of the treatment.

Lawn Pests	
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.	
Pests Above Ground: 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)	
HOW TO APPLY	Hose-End Sprayers work best on large areas while Pump Style Sprayers & Sprinkling Cans work best for spot treating smaller sections of the lawn.
FOR BEST RESULTS	Do not mow or water lawn for at least 24 hours to keep the insecticide above ground.
Pests Below Ground: Fire Ants (aids in control only), Mole Crickets	
HOW TO APPLY	<ul style="list-style-type: none"> • 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.
FOR BEST RESULTS	<ul style="list-style-type: none"> • Water lawn thoroughly after application to move insecticide below ground. • Do not mow lawn until thoroughly watered in.

Landscape Pests	
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).	
FOR USE ON	Landscape Trees & Shrubs, Roses & Flowers (Annuals, Biennials, Perennials), Ground Covers and Vines
HOW TO APPLY	<ul style="list-style-type: none"> • 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.
FOR BEST RESULTS	<ul style="list-style-type: none"> • Keep foliage dry for one hour after application. • Avoid serious damage to plants. Begin treatment as soon as insects or damage first appears.

APPLICATION METHODS	
Sprinkling Can or Bucket	<ol style="list-style-type: none"> 1. Shake well. Add the appropriate amounts of concentrate and water to sprinkling can or bucket. 2. Mix well and apply.
Pump Style Sprayers	<ol style="list-style-type: none"> 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.
Dial-Style Hose-End Sprayers	<ol style="list-style-type: none"> 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.
Concentrate Plus Water Hose-End Sprayers	<ol style="list-style-type: none"> 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.



People and pets may reenter the treated area after it has dried.

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Restrictions

- 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.

Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

STORAGE CONDITIONS: Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet. Protect from freezing.

DISPOSAL 

- **If Empty:** Non-refillable container. Do not refill or reuse this container. Place in trash or offer for recycling if available.
- **If partly filled:** 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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

- 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.

+ FIRST AID

If Swallowed	<ul style="list-style-type: none">• 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.
If in Eyes	<ul style="list-style-type: none">• 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.
If on Skin or clothing	<ul style="list-style-type: none">• 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.

If Inhaled	<ul style="list-style-type: none"> • 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% β Cyfluthrin (CAS #68359-37-5).</p>	

<p>ENVIRONMENTAL HAZARDS</p>
<ul style="list-style-type: none"> • 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

DISTRIBUTED BY

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Tempo 2.5 SC Ultra (PENDING) 04/02/2017