

	United States Environmental Protection Agency Washington, DC 20460	<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

1. Company/Product Number 72155-50	2. EPA Product Manager Dan Kenny	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Merit + Tempo Concentrate Insecticide II	PM# 1	
5. Name and Address of Applicant (Include ZIP Code) Bayer Advanced 95 Chestnut Ridge Rd. Montvale, NJ 07645 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____

Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to NOTIFICATION Agency letter dated _____ "Me Too" Application. FEB 22 2005 <input type="checkbox"/> Other - Explain below.
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Explanation: Use additional page(s) if necessary. (For section I and Section II.)

See attached

Section - III

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

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Charles W. Boyd	Title Registrations Manager	Telephone No. (include Area Code) (201) 307-3140
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 Registrations Manager	
4. Typed Name Charles W. Boyd	5. Date 2/15/05	

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Merit® + Tempo® Concentrate Insecticide II
EPA Reg. No. 72155-50
February 15, 2005

Page 1 of 1

Section II - Explanation

Bayer Advanced is submitting a **Notification** to add the revised storage and disposal statements.

I am enclosing one copy of the label with the additional text highlighted.

This notification is consistent with the provision of PR Notice 2001-6 and 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

NOTIFICATION

FEB 22 2005

NOTIFICATION 3/8
FEB 22 2005

[FRONT PANEL]

Merit[®] + Tempo[®] Concentrate Insecticide II

For use on: Flowers, Roses, Shrubs, Trees

RAINPROOF WITHIN 1 HOUR OF APPLICATION

- Just One Application Quickly Kills Insects
- Protects Up to 30 days
- Fast acting . . . kills on contact
- Long lasting . . . keeps on killing for weeks

Contains Merit[®] and Tempo[®]

ACTIVE INGREDIENTS:

Cyfluthrin.....	0.72 %
Imidacloprid.....	0.72 %

OTHER INGREDIENTS:..... 98.56 %

Net Contents: 16 fl oz or 32 fl oz or 4 x 0.5 fl oz

STOP - Read This Entire Label Before Use
KEEP OUT OF REACH OF CHILDREN
FOR OUTDOOR RESIDENTIAL USE ONLY


CAUTION

See back panel booklet for ingredients and precautionary statements

Not for sale, sale into, distribution and or use in Nassau, Suffolk, Kings, and Queens counties of New York.

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[OUTSIDE BACK PANEL]

QUICK FACTS				
<ul style="list-style-type: none"> • Effective Against a Broad Range of Insects • Keeps on Killing for Up to 30 Days • Easy, Accurate Measuring & Mixing • Apply with most common garden sprayers 				
KILLS	(ART: Aphid, Japanese Beetle, Leafminer, Lace bugs)			
	Adelgids Aphids Ants Armyworms Bagworms Billbugs Bluegrass billbug (adult) Boxelder bugs Chiggers Chinch bugs Clover mites Cockroaches Crickets Cutworms	Earwigs Elm leaf beetles Fire ants Fleas Flies Fungus gnats Grasshoppers Gypsy moth larvae Hyperodes weevil (adult) Japanese beetles (adult) Lace bugs Leaf-feeding beetles Leaf-feeding caterpillars	Leafhoppers (including Glassy-Winged Sharpshooter) Leafminers Mealybugs Midges Mole crickets Mosquitoes Pillbugs Pine Shoot moths Pine Tip moths Plant bugs Psyllids Rose Midges	Rose Slugs Sawfly larvae Scale insects (crawler stages) Sod webworms Sowbugs Spiders Spittlebugs Thrips Whiteflies Ticks (including deer ticks) Wasps Weevil White grubs
COVERAGE	Makes up to 64 gallons of spray (32 oz)			
WHERE TO USE	Flowers, Roses, Trees and Shrubs			
WHEN TO USE	When insects or damage first appear			
HOW MUCH TO USE	Dilute 1/2 oz (1 Tbs) concentrate in 1 gallon of water			
	Questions or comments, call toll-free (877) 229-3724 www.BayerAdvanced.com			

ACTIVE INGREDIENTS:

Cyfluthrin72 %
 Imidacloprid 0.72 %

OTHER INGREDIENTS:* 98.56 %
 100.00 %

* Other ingredients include: Water, glycerin (stabilizer), organic solvent (less than 3%, to dissolve the active ingredient for mixing) and surfactants (to keep the active ingredient dispersed in water).

Cyfluthrin is the chemical name for Tempo® and Imidacloprid is the chemical name for Merit®.

EPA Reg. No. 72155-50

EPA Est. No. XXXX-AA-1

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

CAUTION

- Harmful if swallowed or inhaled.
- Causes eye irritation.
- Avoid contact with skin, eyes, or clothing.
- Wash thoroughly with soap and water after handling.

+ **First Aid**

IN THE CASE OF ACCIDENTAL...	IMMEDIATELY...
Swallowing	If the person is able to swallow: <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 by mouth to an unconscious person.
Contact with 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 eyes. • Call a poison control center or doctor for treatment advice.
Inhalation	<ul style="list-style-type: none"> • 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

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. For medical emergency information, you may call toll-free 1-877-229-3763.

Active Ingredients: 0.72% Cyfluthrin [CAS # 68359-37-5],
0.72% Imidacloprid [CAS# 138261-41-3].

Environmental Hazards

- This pesticide is highly toxic to aquatic invertebrates and fish. Do not apply directly to water.
- Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.
- This pesticide is highly toxic to bees. Do not apply MERIT + TEMPO Concentrate Insecticide when bees are active.
- Apply this product only as specified on this label.


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.

<p>BEFORE YOU USE</p> <p>Read and follow these directions when using:</p>	<ul style="list-style-type: none"> • Apply the product to flowering plants during early morning or late evening, when bees are not present. • Do not spray the product into fish pools, ponds, streams, or lakes. • Remove animal feeding dishes prior to application. Keep children and pets away from treated areas until spray has dried. • Do not apply to fruits or vegetables used for food.
<p>HOW TO USE</p> <p>Shake well before using.</p>	<p>[For 1/2 oz size only]</p> <ul style="list-style-type: none"> • Remove one applicator tube from the package. • Hold the applicator tube in an upright position. Pull the cap off the tube. • Turn the cap around and place the other end of the cap back on the tube. • Twist the cap to break the seal, then remove the cap from the tube. • Mix with water to make 1 gallon of finished spray. • Discard the empty tube as described in Storage and Disposal.
<p>WHEN TO USE</p>	<p>Spray when insects or damage first appear.</p>
<p>MIXING & MEASURING</p>	<p>SEE SPRAYER TYPES</p>
<p>HOW TO SPRAY</p>	<ul style="list-style-type: none"> • Adjust nozzle on your sprayer to desired spray pattern. • Hold sprayer about 12 inches from foliage. • Spray leaves and tender new shoots. <p>(ART: of steps above)</p> <p>To kill insects that may hide, spray the underside of the leaves. Apply until leaves are evenly coated with spray, but not dripping.</p> <p>(ART: spraying undersides of leaves)</p>
<p>HOW OFTEN</p>	<p>Kills insects on contact and keeps on killing for up to 30 days. For severe infestations, repeat every 7 to 14 days as necessary</p>

FOR BEST RESULTS

Do not wet the foliage within one hour after applying. To avoid serious damage to plants, eliminate pests early in the season before they multiply.

	<p>Children and pets may re-enter after spray has dried.</p>
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NUISANCE PESTS

(In Ornamental Areas and Areas Adjacent to Buildings)

PESTS			HOW MUCH TO USE
Ants	Earwigs	Pillbugs	1/2 fl oz (1 Tablespoon) per gallon of water
Boxelder bugs	Flies	Sowbugs	
Clover mites	Midges	Spiders	
Cockroaches	Mosquitoes	Wasps	
Crickets			

APPLICATION GUIDELINES

- Apply when pests first appear.
- Spray thoroughly onto areas where pests appear, such as:
 - beneath shrubbery
 - around foundations and
 - in tall grass or weeds
- Reapply at 7 to 14 days, if needed.

ORNAMENTAL PLANT APPLICATIONS


(Trees, Shrubs, Ground Covers, Evergreens, Flowers and Foliage Plants)

PESTS			HOW MUCH TO USE
Adelgids	Lace bugs	Plant bugs	1/2 fl oz (1 Tablespoon) per gallon of water
Aphids	Leaf-feeding caterpillars	Psyllids	
Bagworms	Leaf-feeding beetles	Rose Midges	
Boxelder bugs	Leafhoppers	Rose Slugs	
Clover mites	(Including Glassy-Winged Sharpshooter)	Sawfly larvae	
Elm leaf beetles	Leafminers	Scale insects (crawler stages)	
Fungus gnats	Mealybugs	Spittlebugs	
Grasshoppers	Pillbugs	Thrips	
Gypsy moth larvae	Pine Shoot moths	Whiteflies	
Japanese beetles (adult)	Pine Tip moths		

APPLICATION GUIDELINES

- Apply when pests or damage first appear.
- Spray area thoroughly.
- Reapply at 7 to 14 days, if needed.

SPRAYER TYPES	
(ART: ICON OF PUMP NTYPE)	<p><u>For Pump Style Tank Sprayer:</u></p> <p>To make one gallon of spray:</p> <ol style="list-style-type: none"> 1. Open flip-top lid. 2. Gently squeeze bottle until concentrate reaches 1/2 oz fill line. 3. Dilute in 1 gallon of water. 4. Close sprayer and shake well before applying.
(ART: ICON DIAL TYPE)	<p><u>For Dial-Style Hose-End Sprayers:</u></p> <p>Dilution rate: 1/2 oz per gallon (1 tablespoon = 1/2 oz)</p> <ol style="list-style-type: none"> 1. Fill sprayer jar with enough concentrate to cover area to be treated. 2. Close sprayer and set dial. 3. Attach sprayer to hose and apply. 4. To avoid contact with the treated area, begin by spraying area farthest from faucet walking backwards as you spray. <p>OR</p> <p>Fill sprayer jar with enough concentrate to cover area to be treated and follow sprayer label directions for applying.</p>
(ART: ICON OF WATER TYPE)	<p><u>For Concentrate-Plus-Water Hose-End Sprayers:</u></p> <p>Dilution rate: 1/2 oz per gallon (1 tablespoon = 1/2 oz)</p> <ol style="list-style-type: none"> 1. 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 before applying. 4. To avoid contact with the treated area, begin by spraying area farthest from faucet walking backwards as you spray. <p>OR</p> <p>Pour concentrate into sprayer jar to the required fluid ounce level and follow sprayer label directions for applying.</p>

IMPORTANT: Directions for Storage and 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:	 <p>If Empty: Do not reuse this container. Place in trash or offer for recycling if available.</p> <p>If partly filled: Call your local solid waste agency or toll-free 877-229-3724 (877 Bayer AG) for disposal instructions. Never place unused product down any indoor or outdoor drain.</p>

NOTICE

Research and testing have determined that the "Directions for Use" are appropriate for the proper use of MERIT + TEMPO Concentrate Insecticide under expected conditions. The Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

B-9645a 2/01/02

Bayer Advanced
A business unit of Bayer CropScience, L.P.
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