



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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

September 1, 2004

Anne Marie C. Zielinski  
McLaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427

**Subject:** Amendment - Updating First Aid Statement per PR Notice 2001-1 &  
Advisory Statement per PR Notice 2000-5  
EVERCIDE Carpet Spray 2657  
EPA Reg. No. 1021-1702  
Your Letter Dated July 7, 2004


Dear Ms. Zielinski:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Delete "Causes moderate eye irritation" from the Precautionary Statements section.
2. Based on the primary eye irritation and acute oral toxicity of the product (Tox Category IV), you are not required to have an *If in eyes* nor *If swallowed*, first aid statement. Delete this statement from the labeling. Also the CSF does not include petroleum distillates in the product.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Sincerely,



George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505C)

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated**  
**SEP 1 2004**  
 Under the Federal Insecticide,  
 Fungicide, and Rodenticide Act,  
 as amended, for the pesticide  
 registered under EPA Reg. No.  
1021-1702

EVERCIDE® Carpet & Surface Spray 2657

Contains NYLAR® Insect Growth Regulator

[ ] OR ( ) indicates alternate or optional wording

NYLAR® is an insect growth regulator similar to the naturally occurring insect growth hormones that interfere with [stops] their growth or development  
 NYLAR® stops [prevents] the flea and cockroach from developing into egg-laying adults  
 NYLAR® can be used as part of an integrated pest management [IPM] program  
 NYLAR® can be a biorational approach to insect control  
 NYLAR® keeps working in areas exposed to the sun  
 NYLAR® Prevents Development of Biting and Egg-Laying Adult Fleas  
 Other Ingredients Kill Existing Adult Fleas  
 Other Ingredients Give Residual Control of Biting Adult Fleas  
 Breaks the Life Cycle of Fleas  
 Flea Eggs and Larvae in Treated Carpet Will Not Develop into Biting Adults  
 NYLAR® Keeps Working for 210 Days / 30 Weeks / 7 Months

Inhibits reinfestation by cockroaches for up to 180 days [26 weeks] [6 months]  
 Kills [controls] existing cockroaches and effectively breaks the cockroach life cycle  
 Works with nature to interrupt [break] the life cycle of the cockroach  
 Effectively controls [eliminates] cockroach populations by preventing reproduction [thereby eliminating future generations]  
 NYLAR® stops cockroaches from generating reproductive offspring for 180 days [26 weeks] [6 months]  
 Prevents [stops] [inhibits] nymphal cockroaches from becoming adults [breeding adults] [reproductive adults] [egg laying adults]  
 NYLAR® works for 180 days [26 weeks] [6 months] against hatching cockroaches [nymphal (preadult) cockroaches] [hatching eggs (nymphs)]

Ready to Use / No Messy Mixing or Measuring / Easy to Use  
 Ready to Use Pump Spray / Ready to Use Trigger Sprayer  
 Also Kills Deer Ticks and Other Ixodid Tick Species Which May Carry Lyme Disease  
 For Use in Homes, Apartments, and Non-Food/Feed Areas of Commercial and Institutional Facilities

**ACTIVE INGREDIENTS:**

* N-ocylt bicycloheptene dicarboximide .....	0.50%
** Permethrin .....	0.20%
Pyrethrins .....	0.10%
*** 2-[1-methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine .....	0.02%
OTHER INGREDIENTS .....	99.18%
	100.00%

- \* MGK® 264 Insecticide Synergist
- \*\* Cis, trans isomers ratio: Max. 65% (+ or -)cis and Min. 35% (+ or -)trans
- \*\*\* NYLAR® Insect Growth Regulator

EVERCIDE®, MGK®, NYLAR® - Registered trademarks of McLaughlin Gormley King Company

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> <li>▪ Immediately call a poison control center or doctor.</li> <li>▪ Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>▪ Do not give any liquid to the person.</li> <li>▪ Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> <li>▪ Take off contaminated clothing.</li> <li>▪ Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>
IF IN EYES:	<ul style="list-style-type: none"> <li>▪ Hold eye open and rise slowly and gently with water for 15 – 20 minutes.</li> <li>▪ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information regarding medical emergencies or pesticide incidents, call the International Poison Center at 1-888-740-8712.</p>	

PRECAUTIONARY STATEMENTS  
 HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow drift when bees are actively visiting treatment area.

Kills [controls] insects [on contact] [such as]:

Cockroaches [adults] (nymphs)  
Smokey Brown Cockroaches [adults] (nymphs)  
Brown-banded Cockroaches [adults] (nymphs)  
Asian Cockroaches [adults] (nymphs)  
German Cockroaches [adults] (nymphs)  
American Cockroaches [adults] (nymphs)  
Australian Cockroaches [adults] (nymphs)  
Oriental Cockroaches [adults] (nymphs)  
Crickets [adults] (nymphs)  
Palmetto Bugs  
Waterbugs [adults] (nymphs)

Pillbugs  
Centipedes  
Clover Mites  
Carpenter Bees  
Carpet Beetles [Dermestids (Trogoderma)]  
Spiders  
Scorpions  
Dust Mites

Fleas [adults (larvae) (eggs) (preadult)]  
Ticks [that may carry and transmit Lyme Disease]  
Brown Dog Ticks  
Lone Star Ticks  
Deer Ticks  
Other Ixodid Species  
American Dog Ticks  
Gulf Coast Ticks

Sowbugs  
Millipedes  
Beetles  
Ground Beetles  
Elm Leaf Beetles  
Box Elder Bugs  
Earwigs  
Lice

Flies  
Midges  
Horn Flies  
Sciariid Flies  
Firebrats  
Silverfish  
Clothes Moths  
Book Lice  
Gnats  
Cluster Flies  
Mosquitoes

Foraging Ants [Fire Ants] [Pharaoh Ants]  
Carpenter Ants [Eastern (Western)]

Flying Moths

STORED PRODUCT PESTS:

Cadelles  
Flat Grain Beetles  
Flour Beetles  
Cigarette Beetles  
Confused Flour Beetles  
Drugstore Beetles  
Lesser Grain Borers  
Merchant Grain Beetles  
Saw-toothed Grain Beetles  
Warehouse Beetles  
Rice Weevils  
Indian Mealworms  
Almond Moths  
Chocolate Moths  
Tobacco Moths  
Indian Meal Moths  
Angoumois Grain Moths  
Grain Weevils  
Red Flour Beetles  
Grain Mites

For use in [including, but not limited to] [such as]:

Apartments, Ant Hills, Atriums, Attics, Automobiles, Basements, Bathrooms, Bedrooms, Boats, Bookcases, Buses, Cabins, Cafeterias, Campers, Campsites, Carpets, Cat Sleeping Quarters, Chests, Closed Barns, Closed Porches, Closets, Clothes Storage, Commercial Buildings, Condominiums, Crematoriums, Day Care Centers, Decks, Dens, Dog Houses, Dormitories, Draperies, Drive-Ins, Drugstores, Factories, Floors, Food Plants, Funeral Parlors, Furniture, Garages, Garbage Cans, Gazebos, Homes, Hospitals, Hotels, Household Contents, Indoor Eating Establishments, Industrial Plants, Institutions, Jails, Kennels, Kitchens, Lanais, Living Rooms, Locker Rooms, Mausoleums, Mobile Homes, Morgues, Mortuaries, Motels, Nursing Homes, Office Buildings, Other Public Buildings, Outdoor Eating Establishments, Pantries, Patios, Pet Bedding, Pet Grooming Shops, Pet Sleeping Areas, Pet Stores, Pet Carriers, Play Houses, Play Rooms, Porches, Prisons, Railroad Cars, Recreational Vehicles, Recreational Areas, Restaurants, Rooms, Rugs, Schools, Ships, Solariums, Sports Stadiums, Storage Areas, Sun Porches, Sun Rooms, Supermarkets, Taverns, Theaters, Trailers, Trains, Transportation Vehicles, Trucks, Utility Rooms, Verandas, Veterinary Clinics and Hospitals, Warehouses, Washrooms, and Zoos.

EVERCIDE® Carpet & Surface Spray 2657 contains a combination of three active ingredients that stop [interrupt] the flea life cycle in three ways and control [kill] other listed insects. The first insecticide is NYLAR®, an insect growth regulator that will not allow the flea to reproduce viable offspring, thereby providing long-term [residual] control. NYLAR® inhibits development of the immature stages of the flea for 210 days [30 weeks] [7 months], preventing them from reaching the biting adult stage. NYLAR® is similar to insect growth hormones that occur naturally in insects, causing interference with the flea's growth and development. The second active ingredient is botanical Pyrethrum[, an extract of a Chrysanthemum flower], which provides effective knock down and quick-kill of listed insects. Permethrin, the third active ingredient, provides residual activity.

EVERCIDE® Carpet & Surface Spray 2657 contains a combination of ingredients that kills adult fleas and hatching fleas [preadult (larval) fleas] [eggs (hatching eggs) (larvae)] before they grow up to bite. NYLAR®, the insect growth regulator in this spray, continues to kill [control] hatching fleas [preadult (larval) fleas] [eggs (hatching eggs) (larvae)] for 210 days [30 weeks] [7 months] by preventing their development into the adult biting stage.

EVERCIDE® Carpet & Surface Spray 2657 can be used to control [kill (interrupt)] fleas hidden in carpets, rugs, draperies, upholstery, pet bedding, floors, cracks and crevices, and cabinets. Occasionally adult fleas may be present [observed] in treated areas when reintroduced from infested animals. To protect your pet against and to minimize reintroduction of adult fleas from outdoors, use EPA registered flea and tick products ([such as] [brand name] flea or flea and tick collar, [brand name] pet powder, [brand name] pet spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick pet shampoo in conjunction with this application and prior to re-entry.

EVERCIDE® Carpet & Surface Spray 2657 will inhibit [stop] the cockroach's natural ability to reproduce, thereby eliminating future generations and contains an active ingredient [adulticide] that kills existing cockroaches. This [effective] formula reaches cockroaches through cracks and crevices to kill them where they hide. Cockroaches exposed to NYLAR® will have crinkled [twisted] wings, showing it has affected the population, and these cockroaches cannot reproduce. Immature cockroaches [nymphs] are prevented from developing into reproductive adults, thereby effectively breaking the cockroach life cycle. EVERCIDE® Carpet & Surface Spray 2657 inhibits the cockroach's natural ability to reproduce future generations by preventing [stopping] [inhibiting] nymphal cockroaches from becoming adults [breeding adults] [reproductive adults] [egg laying adults].

DIRECTIONS FOR USE

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

READ ALL DIRECTIONS COMPLETELY BEFORE USE

SHAKE WELL BEFORE USE. Hold container upright and spray as directed.

**DIRECTIONS:**

(TRIGGER SPRAY) To operate sprayer, turn tip to proper setting, [(broad) (fine)] spray [for] surfaces or pinstream spray [for] cracks and crevices, and pump trigger to spray as directed. [Do not operate in OFF position.] [After use, turn tip to OFF to avoid accidental spraying.]

For best results, follow directions for specific use areas. Do not use this product in or on electrical equipment due to possibility of shock hazard. Do not use on animals. Avoid excessively wetting furniture and carpeting. Always test in an inconspicuous [hidden] area prior to use as some natural and synthetic fibers may be adversely affected by any liquid product. Do not use in edible product areas of food/feed processing plants, restaurants, or other areas where food/feed 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.

For use in non-food/feed areas of food/feed handling establishments such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling).

In the home, cover all food handling surfaces and cover or remove all food and cooking utensils or wash thoroughly after treatment. Cover or remove exposed food.

Do not apply to aircraft cabins.

DO NOT CONTAMINATE FOOD AREAS.

**FLEA AND TICK CONTROL:**

FOR SURFACE AND CARPET SPRAY: Prior to application, thoroughly vacuum all carpeting, upholstered furniture, along baseboards, under furniture, and in closets. Put vacuum bag into a sack and dispose of in outside trash. Apply spray uniformly at the rate of 1 quart [32 fluid ounces] per 1000 square feet [1 fluid ounce per 31 square feet] to rugs, carpets, draperies, and all surfaces of upholstered furniture. Treat under and around furniture if pets frequently rest in these areas. Avoid excessively wetting upholstered furniture and draperies. A fine spray applied uniformly is all that is necessary to kill fleas. To kill ticks and other labeled insects, apply directly to pests. Do not allow children or pets to walk on treated surfaces until completely dry. Do not spray on pets or humans.

FOR USE IN VEHICLES: If flea-infested animals are transported in vehicles, use as directed above to control infestation.

FOR USE IN PET AREA: Treat pet bedding and other pet resting places, as these are primary hiding areas for fleas and ticks; no need to remove pet bedding after treatment. To reduce infestation, spray around sleeping areas, baseboards, window and door frames, wall cracks, local areas of floors, and other resting places until the surface is slightly moist. Also spray the entire inside surface of dog houses and kennels. Do not allow pets to use treated areas until completely dry.

For best results, to protect your pet against and to minimize reintroduction of adult fleas from outdoors, use EPA registered flea and tick products, [(such as) [brand name] flea or flea and tick collar, [brand name] pet powder, [brand name] pet spray, [brand name] pet dip, [brand name] pet shampoo, flea shampoo or flea and tick pet shampoo, in conjunction with this application and prior to re-entry.

**FOR COCKROACH CONTROL:**

Cockroaches [adults (nymphs)] [Smoky Brown Cockroaches, Brown-banded Cockroaches, Asian Cockroaches, German Cockroaches, American Cockroaches, Australian Cockroaches, Oriental Cockroaches], Waterbugs, and Palmetto Bugs:

CRACK AND CREVICE SPRAY: (Use a pinstream spray). Special attention should be paid to areas such as behind baseboards, connection areas around drains and pipes, behind and beneath sinks, stoves, and plumbing, and other visible cracks and crevices. Spray these areas thoroughly, being certain that spray penetrates well. Retreat 30 days after first application.

CONTACT APPLICATION: (A [broad] [fine] spray pattern should be used on all surfaces). Spray at the rate of 1 gallon [128 fluid ounces] per 1000 square feet [1 fluid ounce per 8 square feet] and contact as many insects as possible with this spray in addition to thoroughly spraying all parts of the room suspected of harboring these pests. Pay special attention to hiding places such as beneath sinks, behind and beneath stoves and refrigerators, around garbage cans and cabinets, along the outside of baseboards, door sills, frames and floors, around and on drains, pipes and plumbing, behind bookcases, storage, and other utility installation areas, contacting as many insects with spray whenever possible. Retreat 30 days after first application.

Use EVERCIDE® Carpet & Surface Spray 2657 with an indoor cockroach fogger for particularly heavy roach infestations.

FOR CONTROL OF Crickets, Firebrats, Silverfish, Dust Mites, Booklice, Scorpions, Spiders, Centipedes, Sowbugs, Pillbugs, Earwigs, Clover Mites, Lice, and Millipedes: Contact as many insects as possible with this spray in addition to thoroughly spraying all parts of the room suspected of harboring these pests. Pay special attention to hiding places such as beneath sinks, behind and beneath stoves and refrigerators, around garbage cans and cabinets, along the outside of baseboards, door sills, frames, and floors, around and on drains, pipes, and plumbing, behind bookcases, storage, and other utility installation areas, contacting insects with spray whenever possible.

EXPOSED STAGES of Flour Beetles, Cadelles, Rice Weevils, Flat Grain Beetles, Cigarette Beetles, Confused Flour Beetles, Drugstore Beetles, Lesser Grain Borers, Merchant Grain Beetles, Saw-toothed Grain Beetles, Grain Weevils, Warehouse Beetles, Red Flour Beetles, Grain Mites, and Indian Mealworms: Find and dispose of infested packaged goods. Remove all other items from pantry, shelves, and drawers and clean thoroughly. Spray into cracks, crevices, shelves, drawers, cabinets, and other areas where these insects tend to congregate. Place clean paper on the shelves and return packages after spray has dried.

ANTS, Foraging Fire Ants, Pharaoh Ants, and Carpenter Ants [Eastern (Western)]: Treat ant trails, doors, window frames, and other areas of entry. Spray on ants where possible.

CARPET BEETLES [Dermestids (Trogoderma)]: Directly spray as many insects as possible. Spray all surfaces of upholstered furniture. Where possible, both top and bottom of rugs and carpets should be sprayed thoroughly. Also treat shelves, closets, areas under furniture, floors, walls, windowsills, baseboards, and wherever these insects are seen or suspected.

6/6

**CLOTHES MOTHS:** Remove any infested articles from storage, brush immediately, and air for several hours in sunlight, if possible. Apply liberally to empty chests, closets, bureaus, and other storage areas where these pests are suspected, directing the spray into cracks, joints, and crevices. Return clean articles after spray has dried.

**OUTDOOR APPLICATION:**

Caution should be taken to avoid spraying when wind conditions might create a mist that can blow back to applicator. Do not apply this product in or around bodies of water. Do not spray directly on plants. Spray surface areas and contact as many insects as possible. 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.

**ANTS, Foraging Fire Ants, Pharaoh Ants, and Carpenter Ants [Eastern (Western)]:** Spray ant trails, ant hills, ant mounds, and areas of entry and infestation. Spray on ants where possible.

**SPIDERS:** Spray directly on spiders and webs.

**SOWBUGS, Millipedes, Beetles, Ground Beetles, Elm Leaf Beetles, Boxelder Bugs, Earwigs, Pillbugs, Clover Mites, Centipedes, Scorpions, Cockroaches, Crickets, Palmetto Bugs, Waterbugs:** Spray surfaces and hiding places thoroughly, such as cracks, crevices, moist areas, openings around pipes, spigots, storage areas, sheds, and other areas where these pests tend to congregate.

**FLIES, Mosquitoes, Gnats, Flying Moths, Midges, and other flying insects:** Use only outdoors as an aid in reducing annoyance from these insects. Spray outside surfaces of window and door frames as well as other areas where these pests may enter the home. Also spray dark corners and localized resting areas such as porches, patios, garages, garbage can areas, under eaves, and other areas where these insects may congregate. Flying insects coming to rest on treated surfaces will be killed.

**STORAGE AND DISPOSAL**

**STORAGE:** Store in a cool, dry place. Keep container closed.

**DISPOSAL:**

If Empty: Do not reuse this container. Place in trash or offer for recycling if available.  
If Partly Filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

Net Contents \_\_\_\_\_

Manufactured by:

Mc LAUGHLIN GORMLEY KING COMPANY  
8810 Tenth Avenue North  
Minneapolis, MN 55427

EPA Reg. No. 1021-1702

EPA Est. No. 1021-MN-2