



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

January 5, 2022

Ms. Noelle Sanfillipo  
Regulatory Affairs Specialist  
Wellmark International  
1501 E. Woodfield Rd, Suite 200W  
Schaumburg, IL 60173

Subject: Registration Review Label Mitigation for Pyriproxyfen, Prallethrin and  
Esfenvalerate  
Product Name: SPEER TOTAL RELEASE AEROSOL III WITH NYLAR®  
EPA Registration Number: 2724-664  
Application Dates: February 23, 2021 & February 24, 2021  
Decision Numbers: 571519 & 571580

Dear Ms. Sanfillipo:

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 Registration Review of the above referenced product in connection with the Pyriproxyfen, Prallethrin and Esfenvalerate Interim Decisions, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment 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 section 6.

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Decision Nos. 571519 & 571580

If you have any questions, please contact Mr. Carmen J. Rodia, Jr. by phone at (703) 306-0327, or via email at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Tamica Cain".

Tamica Cain, Acting Product Manager 10  
Invertebrate & Vertebrate Branch 2  
Registration Division (7505P)

*Enclosure: Stamped "Accepted" Master Label, January 5, 2022*

## SPEER TOTAL RELEASE AEROSOL III WITH NYLAR®

[ ] indicates alternate or optional wording

**ACTIVE INGREDIENTS:**

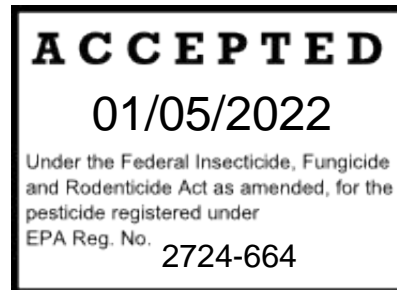
Esfenvalerate .....	0.10%
Prallethrin .....	0.04%
Pyriproxyfen .....	0.60%
<b>OTHER INGREDIENTS*:</b> .....	<u>99.26%</u>
	100.00%

\*Contains petroleum distillates

NYLAR® - Registered trademark of McLaughlin Gormley King Co.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

NET WEIGHT: 2/3/4 OZ  
EPA REG. NO. 2724-664  
EPA EST. NO.



**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION**

Harmful if absorbed through the skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Breathing spray mist may be harmful. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

<b>FIRST AID</b>	
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 rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
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 <b>any</b> liquid to the person.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
If Inhaled	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for further treatment advice</li> </ul>
<b>HOTLINE NUMBER</b>	
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 pesticide product (including health concerns, medical emergencies or pesticide incidents, you may call 1-800-248-7763 24 hours per day 7 days per week.	
<b>NOTE TO PHYSICIAN</b>	
Contains petroleum distillate- vomiting may cause aspiration pneumonia	

**PHYSICAL OR CHEMICAL HAZARDS**



Highly Flammable Ingredient  
Ingrediente Altamente Inflamable

This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on this label very carefully.

Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.  
**READ ALL DIRECTIONS AND CAUTIONS COMPLETELY BEFORE USING.**

### **USE RESTRICTIONS**

- Apply this product only as specified by the EPA approved label.
- **THIS PRODUCT IS NOT REGISTERED OR LABELED FOR USE IN USDA MEAT AND POULTRY PLANTS.**
- 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 service 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. Non-food areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).
- In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.
- Remove pets, birds, and cover fish aquariums before spraying.
- For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### **RESISTANCE MANAGEMENT RECOMMENDATIONS**

For resistance management, Speer Total Release Aerosol III with NyLar® contains a Group 7 insecticide. Any insect population may contain individuals naturally resistant to Speer Total Release Aerosol III with NyLar® and other Group 7 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly. Appropriate resistance-management strategies should be followed. To delay insecticide resistance, take the following steps:

- Adopt an integrated pest management program for insecticide use that includes, using historical information related to pesticide use, record keeping and which considers biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance, contact Wellmark International at 1-800-248-7763.

[Speer Total Release Aerosol III with NyLar®] contains a combination of three insecticides that stops [blocks][interrupts][terminates] the cockroach and flea life cycles in three ways and controls [kills] other listed insects. The first insecticide is [Speer NyLar® EC][2724-661] an insect growth regulator that will not allow the cockroach and flea to reproduce viable offspring thereby providing long term [residual] control. [Speer NyLar® EC][2724-661] inhibits development of the immature stages of the cockroach and flea preventing them from reaching the adult stage.

[Speer Nylar® EC][2724-661] is similar to insect growth hormones that occur naturally in insects causing interference with the flea's growth and development, The second, is a highly active insecticide that provides quick knock-down and flushing of insects from their hiding place to aid in a more complete control [kill]. The-third active insecticide provides activity until [Speer Nylar® EC][2724-661] takes effect. [Speer Total Release Aerosol III with Nylar®] will inhibit [stop] the cockroaches' natural ability to reproduce. thereby eliminating future generations and contains an active ingredient [adulticide] that kills existing cockroaches. This formula reaches cockroaches through cracks and crevices to kill them where they hide. Cockroaches exposed to [Speer Total Release Aerosol III with Nylar®] will have crinkled wings, showing it has affected the population and that these cockroaches cannot reproduce. Immature cockroaches [nymphs] are prevented from developing into reproductive adults, thereby effectively breaking the cockroach life cycle. [Speer Total Release Aerosol III with Nylar®] will kill adult cockroaches and inhibits their natural ability to reproduce future generations for 144 days [24 weeks] [6 months] by preventing [stopping] [inhibiting] nymphal cockroaches from becoming adults [breeding adults] [reproductive adults] [egg laying adults]. [This fogger] [Speer Total Release Aerosol III with Nylar®] kills both adult and hatching fleas [preadult [larval] fleas] [hatching eggs [larvae]]. It kills hatching fleas [preadult [larval] fleas] [hatching eggs [larvae]] before they grow up to bite. [Speer Nylar® EC][2724-661] the insect growth regulator in this fogger, continues to kill [control] hatching fleas [preadult [larval] fleas] [hatching eggs [larvae]] for 210 days [30 weeks][7 months] by preventing their development into the adult biting stage. [Speer Total Release Aerosol III with Nylar®] can be used to control [kill [interrupt] [terminate] [block]] fleas hidden in carpets, rugs, draperies, upholstery, pet bedding, floor cracks and cabinets. Occasionally, adult fleas may be present 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 and tick collars [89459-92][89459-98] [brand name] pet powder [2724-627], [brand name] pet spray [2724-404][2724-797][2724-803], [brand name] pet dip [270-349], [brand name] flea and tick shampoo[2724-485][2724-792][270-324], in conjunction with this application and prior to re-entry. As part of a complete flea control program, use EPA registered [brand name] outdoor [lawn][home and garden] spray [28293-271], [brand name][pressurized] flea and tick [indoor][premise] spray [2724-483][2724-490][2724-809][2724-401][2724-822][89459-12]. [Speer Total Release Aerosol III with Nylar®] can provide long term control of both cockroaches and fleas with the insect growth regulator [Speer Nylar® EC][2724-661] by preventing their offspring from becoming reproducing adults. When used as directed, [Speer Total Release Aerosol III with Nylar®] kills present [today's] cockroaches and fleas and prevents new [tomorrow's] populations from developing and also effectively controls other listed insects.

Kills [controls] insects [on contact I [such as]: Cockroaches, [adults [nymphs]], Smoky Brown Cockroach [adults [nymphs]], Brown Banded Cockroach [adults [nymphs]], Asian Cockroach [adults [nymphs]], German Cockroach [adults [nymphs]], American Cockroach [adults [nymphs]], Australian Cockroach [adults [nymphs]], Oriental Cockroach [adults [nymphs]], Water Bugs [adults [nymphs]], Palmetto Bugs, Crickets, Sowbugs, Millipedes, Beetles, Ground Beetles, Elm Leaf Beetles, Boxelder Bugs, Earwigs, Lice, Pillbugs, Centipedes, Clover 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, Foraging Ants [Fire Ants] [Pharaoh Ants], Carpenter Ants [Eastern [Western]], Granary Insects: Cadelles, Rice Weevils, Flat Grain Beetles, Flour Beetles, Cigarette Beetles, Confused Flour Beetles, Drugstore Beetles, Lesser Grain Borers, Merchant Grain Beetles, Sawtoothed Grain Beetles, Grain Weevils, Warehouse Beetles, Red Flour Beetles, Grain Mites, Cheese Mites, Carpenter Bees, Spiders, Scorpions, Dust Mites, Dermestids, [Carpet Beetles

[*Trogoderma*], Flies, Midges, Flying Moths, Indian Mealworms, Gnats, Cluster Flies, Mosquitoes, Sciarid Flies, Firebrats, Silverfish, Book Lice, Bed Bugs, Woodborers [exposed stages], Almond Moths, Chocolate Moths, Tobacco Moths, Indian Meal Moths, Angoumois Grain Moths, Hornets, Wasps, Yellow Jackets [Eastern [Western]] **Does not control bed bugs.**

For use in: Apartments, Attics, Basements, Boats, Cabins, Campers, Closed Porches, Condominiums, Dormitories, Drive-Ins, Drugstores, Factories, Food Plants, Garages, Homes, Hospitals, Hotels, Institutions, Kennels, Kitchens, Motels, Nursing Homes, Office Buildings, Other Public Buildings, Pet Grooming Parlors, Pet Sleeping Areas, Railroad Cars, Restaurants, Rooms, Schools, Ships, Storage Areas, Supermarkets, Theaters, Trailers, Tree Houses, Trucks, Verandas, Warehouses, and Zoos.

For indoor use only. For use only when building has been vacated by human beings and pets. For best results, treat all infested areas [sites]. Use one fogger for each [500 sq ft (a room 25' x 20' with an 8' ceiling or 4,000 cubic feet)][375 sq ft (a room 25' x 15' with an 8' ceiling or 3,000 cubic feet)] [250 sq ft (a room 10' x 25' with an 8' ceiling or 2,000 cubic feet)] of floor space. [≠ Note to the Reviewer: A conversion of 1 ounce per 1,000 cubic feet of room space applies. Example -a 4 ounce aerosol can will treat 4,000 cubic feet of unobstructed area. Room sizes are changed accordingly.]

### USE RESTRICTIONS

Do not allow to enter indoor or outdoor drains unless labeled for drain treatments. [*No permita la entrada a desagües internos o externos a menos que el etiquetado indique que está permitido el uso del producto para tratamiento de desagües.* Follow proper disposal procedures on this label. [*Siga las indicaciones del etiquetado para el desecho apropiado del producto.*]



### TO USE THIS PRODUCT CORRECTLY

USE RESTRICTION: **DO NOT** use multiple foggers per room.



USE RESTRICTION: **DO NOT** use in small, enclosed spaces such as closets, cabinets or under counters or tables.



USE RESTRICTION: **DO NOT** use in a room 5 ft. x 5 ft. or smaller; instead, allow fog to enter from other rooms.

**UNPLUG AND TURN OFF ALL ignition sources such as pilot lights (shut off gas valves), other open flames or running electrical appliances that cycle off and on (i.e., refrigerators, thermostats, etc.). NO FLAMES OR PILOT LIGHTS.** Call your gas utility or management company if you need assistance with your pilot lights.



## **BEFORE YOU FOG**



Remove or cover exposed food, dishes, utensils, surfaces and food-handling equipment. Shut off fans and air conditioners. Put out all flames and pilot lights. Close outside doors and windows. Remove pets and birds, but leave pets' bedding as this is a primary hiding place for fleas and must be treated for best results. No need to discard pet bedding after treatment. Cover or remove fish tanks and bowls. Leave rugs, draperies and upholstered furniture in place. This product will not harm furniture when used as directed. Open interior closet doors and cabinets of areas to be treated.

For more effective control of Cockroaches [Smoky Brown Cockroach, Brown Banded Cockroach, Asian Cockroach, German Cockroach, American Cockroach, Australian Cockroach, Oriental cockroach], [Crickets, [Water Bugs][Palmetto Bugs]] and storage pests [Flour Beetle, Cigarette Beetle, Drugstore Beetle, Lesser Grain Borer, Merchant Grain Beetle, Sawtoothed Grain Beetle, Grain Weevil, Warehouse Beetle, Red Flour Beetle, Confused Flour Beetle]: open all cupboard doors [kitchen, bathrooms, pantry], and drawers for better penetration of fog. Remove all infested foodstuffs and dispose of in outdoor trash.

For flea and tick control, 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. Mop all hard floor surfaces.

**TO START FOGGING: SHAKE FOGGER WELL BEFORE USING.** Hold can at arm's length with top of can pointing away from face and eyes. Push down on finger pad until it locks. This will start fogging action. Set canister in an upright position on a table, stand, etc. (up to 30 inches in height in the center of the area) and place several thicknesses of newspaper under the canister to prevent marring of the surface. Treat the whole dwelling using multiple units in homes with more than one level and numerous rooms. Vacate the treated house, individual apartment unit, or other structure immediately. Use enclosed Door Hang Tag to mark the time when re-entry is permitted (at least two hours after the start time). Fill out and place hang tag on the door to the treated area to alert family and others with access to the treated area not to enter for 2 hours.



[Door Hang Tag Text]

"Fill out and place hang-tag on the door to the treated area to alert family and others with access to the treated area not to enter for X hours."

Do not enter until [space for time] on [space for date]

[Brand Name][Product Name] Treatment

[This room is currently being treated by (Brand Name)]

[Another room protected by (Brand Name)]

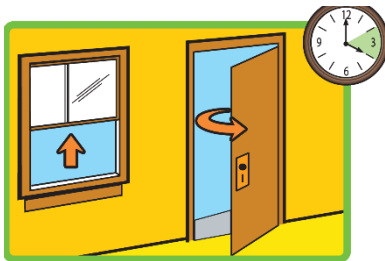
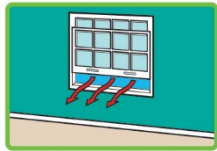
[(Brand Name) treatment underway]

## AIRING OUT

KEEP TREATED AREA CLOSED. DO NOT RE-ENTER BUILDING FOR AT LEAST TWO HOURS.



After two hours, open all outside doors and windows. Turn on air conditioners and/or fans and let treated area air for 2 hours before reoccupying. If additional units are used, increase airing-out time accordingly. Thoroughly clean all covered food processing areas before using.



After first use, treat twice more about 3 months apart.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Do not store near heat or open flame. Store in a cool dry (preferably locked) area that is inaccessible to children and animals. Keep container closed.

**CONTAINER HANDLING:** Do Not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for local disposal options. Do not dispose of down-the-drain or sewer.

[MANUFACTURED FOR]:  
Wellmark International  
1500 East Woodfield Road 200W  
Schaumburg, IL 60173

**OPTIONAL MARKETING CLAIMS:**

- One Unit Treats up to 2,000/3,000/4,000 Cubic Feet of Unobstructed Space
- [Speer Total Release Aerosol III with Nylar®] is an insect growth regulator similar to the naturally occurring insect growth hormones which interferes [stops] their growth and development
- [Speer Total Release Aerosol III with Nylar®] stops [prevents] the flea and cockroach from developing into egg laying adults
- [Speer Total Release Aerosol III with Nylar®] can be used as part of an integrated pest management [IPM] program
- [Speer Total Release Aerosol III with Nylar®] can be a biorational approach to insect control
- [Speer Total Release Aerosol III with Nylar®] keeps working in areas exposed to the sun
- Inhibits reinfestation by cockroaches for up to [144 days] [24 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]
- [Speer Total Release Aerosol III with Nylar®] keeps working on cockroaches for 144 days [24 weeks] [6 months]
- Stops cockroaches from generating reproductive offspring
- Prevents [stops] [inhibits] nymphal cockroaches from becoming adults [breeding adults] [reproductive adults] [egg laying adults]
- [Speer Total Release Aerosol III with Nylar®] works for 144 days [24 weeks] [6 months] against hatching cockroaches [nymphal [preadult] cockroaches] [hatching eggs] [nymphs]]
- Inhibits reinfestation by fleas for up to 210 days [30 weeks] [7 months]
- Kills adult and preadult fleas, including flea eggs for 210 days [30 weeks] [7 months]
- If adult fleas are introduced from untreated areas, their offspring will not become biting [reproductive] adults

- Prevents fleas from developing into the biting adult stage
- Prevents [stops] hatching fleas [preadult [larval] fleas] [hatching eggs [larvae]] from becoming full grown [developing into] biting adults
- One treatment works for 210 days [30 weeks] [7 months] against hatching fleas [preadult [larval] fleas] [hatching eggs [larvae]]
- Kills present [today's] fleas and prevents new [tomorrow's] fleas from growing up to bite
- [Speer Total Release Aerosol III with Nylar®] keeps working on fleas for 210 days [30 weeks] [7 months]
- Controls [stops [kills][prevents]] stages of fleas that don't look like fleas
- Kills Ticks, Spiders, Ants, and other listed insects
- Also kills [controls] Deer Ticks and other *Ixodid* species that may carry and transmit Lyme Disease