



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (H7505C)
 401 "M" St., S.W.
 Washington, D.C. 20460

EPA Reg. Number:

11715-307

Date of Issuance:

8 DEC 1995

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance:

Unconditional

(under FIFRA, as amended)

Name of Pesticide Product:

Speer

Nylar E.C.

Name and Address of Registrant (include ZIP Code):

Speer Products, Inc.
 4242 B.F. Goodrich Boulevard
 Memphis, TN 38181-0993

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5).

Make the following change to the labeling before releasing the product for shipping:

Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 11715-307".

Submit two copies of the revised final printed label before you release the product for shipment.

If the final printed labeling is not received prior to shipment of this product, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these requirements.

A stamped copy of the label is enclosed for your records. If you have any questions or comments please contact Joseph M. Tavano at (703) 305-6411.

Signature of Approving Official:

RPK
 Richard P. Keigwin, Jr.

Date:

8 DEC 1995

EPA Form 8570-6

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SPEER NYLAR[®] EC

[] or () indicates alternate or optional wording

[Speer Nylar[®] EC] is an insect growth regulator similar to the naturally occurring insect growth hormones which interferes [stops] their growth or development.

[Speer Nylar[®] EC] stops [prevents] the flea and certain listed cockroaches from developing into egg laying adults.

[Speer Nylar[®] EC] can be used as part of an integrated pest management [IPM] program.

[Speer Nylar[®] EC] can be a biorational approach to insect control.

[Speer Nylar[®] EC] keeps working in areas exposed to the sun for up to 14 days.

Inhibits reinfestation by fleas for up to 210 days [30 weeks] [7 months]

If adult fleas are introduced from untreated areas, their offspring will not become biting [reproductive] adults

Kills preadult [larval] fleas, including eggs for 210 days [30 weeks] [7 months]

Prevents larval fleas from developing into the biting adult stage

Prevents [stops] hatching fleas [preadult (larval) fleas] [eggs (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] [eggs (hatching) eggs] (larvae)

Prevents new (tomorrow's fleas from growing up to bite [Speer Nylar[®] EC] activity keeps working for 210 days [30 weeks] [7 months]

Effective long term control

Controls [stops (kills)(prevents)] stages of fleas that don't resemble adult fleas

Prevents [stops] the emergence of adult fleas

Flea eggs deposited on treated areas will not develop into adult fleas

Larvae crawling onto treated areas will not develop into adult fleas

[Speer Nylar[®] EC] acts on the immature life stage of the flea, preventing it from developing into biting adults

Prior to the flea season, previously known infested areas can be pretreated to reduce the developing population

Effectively breaks certain listed cockroaches life cycles

[Speer Nylar[®] EC] keeps working on listed cockroaches for 180 days [26 weeks] [6 months]

Works with nature to interrupt [break] the life cycle of listed cockroaches

Inhibits reinfestation by listed cockroaches for up to 180 days [26 weeks] [6 months]

Effectively controls [eliminates] listed cockroach populations by preventing reproduction [thereby eliminating future generations]

Prevents [stops] [inhibits] listed nymphal cockroaches from becoming adults [breeding adults] [reproductive adults] [egg laying adults]

One treatment stops listed cockroaches from generating reproductive offspring for [180 days] [26 weeks] [6 months]

[ACTIVE INGREDIENTS:

2-[1-Methyl-2-(4-phenoxyphenoxy) ethoxy] pyridine..... 1.30%

INERT INGREDIENTS:†..... 98.70%

NYLAR- Registered trademark of McLaughlin Gormley King Co.

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF SWALLOWED: Call a physician or Poison Control Center immediately. Do not induce vomiting.

IF ON SKIN OR CLOTHING: Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists.

NET CONTENTS: _____

EPA REG. NO. 11715- not yet assigned

EPA EST. NO. 11715-TN-1

MANUFACTURED BY
SPEER PRODUCTS
MEMPHIS, TN 38118

PRECAUTION HAZARDS TO HUMANS

Harmful if swallowed or breathe vapors or spray in eyes. In case of contact, wash with soap and warm water. Attention if irritation persists or feedstuffs.

PHYSICAL OR CHEMICAL

Do not use or store near heat

For use in indoor areas such as Animal Quarters (enclosed), Atriums, Attics, Basements, Cabinets, Cabins, Campers, Quarters (enclosed premise), Porches, Closets, Clothes Sheds, Condominiums, Crawl Space, Centers, Decks, Dens, Dog Quarters, Dog Kennel Runs, Dressers, Fabric Storage Areas, Parlors, Furniture, Garages, Gazebos, Homes, Hospitals, Institutions, Jails, Kennels, Rooms, Mausoleums, Mobile Homes, Motels, Nursing Homes, Office Buildings, Pantry, Patios, Pet Grooming Parlors, Pet Sleeping Quarters (enclosed premise), Rooms, Porches, Prisons, Recreation Vehicles, Room Yards, Solariums, Storage, Theaters, Town House, Upholstered Furniture, Utility Rooms, Verandas, Veterinary Washrooms

DIRECTIONS

It is a violation of Federal law to use this product in a manner inconsistent with its label. READ ALL DIRECTIONS.

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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. Avoid excessive wetting of carpet, draperies and furniture. Always test in an inconspicuous [hidden] area prior to use as some natural and synthetic fibers may be adversely affected by any liquid product

FLEA CONTROL:

The active ingredient in this concentrate [Speer Nylar[®] EC] is [Nylar[®]], an insect growth regulator. [Speer Nylar[®] EC] is similar to insect growth hormones that occur naturally in insects and acts on the immature life stages of the flea, preventing the adult flea from developing. Flea eggs deposited on treated areas will not develop into adult fleas. Flea larvae crawling onto treated surfaces will also not develop into adult fleas. The unique properties of [Speer Nylar[®] EC] eliminates the flea population, when used as directed. [Speer Nylar[®] EC] causes a gradual reduction and ultimate elimination of the flea population by breaking the reproductive cycle. [Speer Nylar[®] EC] stops [blocks (interrupts) terminates] the flea life cycle and inhibits [stops] the development of the immature stages of the flea [preadult (larval) fleas] [eggs (hatching eggs) (larvae)] for [210 days] [30 weeks] [7 months] preventing them from reaching the biting adult stage. Existing adult fleas and flea pupae are not affected.

If a high population of adult [the biting stage] fleas are present, the use of an adulticide [brand name] may be necessary for immediate relief [control]. This concentrate [Speer Nylar[®] EC] may also be combined with a flea adulticide [adulticide, such as] [brand name]. [Speer Nylar[®] EC] compliments the rapid activity of the adulticide [brand name] by providing long term control of preadult fleas [hatching (larval) fleas (eggs) (hatching eggs) (larvae)] before they grow up to be biting adults.

Flea control on pets is important in the prevention of the introduction of adult fleas. Pets, their bedding and the areas they frequent should also be treated with EPA registered flea and tick control 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, [brand name outdoor products such as], as part of a complete flea control program in conjunction with this application to minimize the introduction of adult fleas.

[Speer Nylar[®] EC] [this concentrate] [brand name] can be used prior to the flea season. Application of this products [brand name], in areas where pets and other animals are known to frequent and where previous infestations have been known to occur, will prevent [stop] the emergence of adult fleas and also control [stop (kill)] stages of fleas that don't resemble fleas. This early usage could reduce the need for conventional insecticides when used alone as directed. Pretreatment of these areas before the fleas become biting and reproductive adults will aid in reducing developing populations.

INDOORS:

Prior to treatment, carpets, draperies and upholstered furniture should be vacuumed thoroughly and the vacuum cleaner bag disposed of in an outdoor trash receptacle.

INSTRUCTIONS FOR USE: [Speer Nylar[®] EC] is intended to be mixed with water and applied with spray equipment such as any low pressure sprayer [tank type sprayer] [trigger sprayer] typically used for indoor applications.

SPRAY PREPARATION: Prepare a diluted spray solution by adding 1.5 ounces per gallon of water. Partially fill the mixing container with water, add [Speer Nylar[®] EC], agitate and fill to final volume. Do not allow spray mixture to stand overnight. Mix before each use.

IN CONJUNCTION WITH AN ADULTICIDE INSECTICIDE: [Speer Nylar[®] EC] [this concentrate] [brand name] may be combined with an insecticide [brand name] registered for adult control of fleas. The combination would provide immediate relief [control] of adult fleas and inhibit the development of the immature stages of the flea [preadult (larval) fleas] [eggs (hatching eggs) (larvae)] for [210 days] [30 weeks] [7 months]. This application should conform to accepted use precautions and directions for both products. Use [Speer Nylar[®] EC] at application rates specified above.

GENERAL SURFACE APPLICATION:

Apply [Speer Nylar[®] EC] diluted spray at the rate of 1 gallon per 1,500 square feet of surface area. Treat all areas which may harbor fleas, including [such as] carpets, furniture, pet sleeping areas and throw rugs. Treat under cushions of upholstered furniture. Do not allow children or pets to contact treated surfaces until spray has dried. Repeat as necessary.

IN KENNELS AND DOG HOUSES:

Treatment of these areas will control [kill (stop)] the development of preadult [larval] fleas [larvae (hatching eggs)] from becoming biting and reproductive adult fleas.

Using an adjustable hose-end sprayer, tank type sprayer or sprinkling can, prepare a diluted spray solution by adding 1.5 ounces per gallon of water. Partially fill the sprayer with water, add required amount of concentrate in sprayer, agitate and fill to final volume. Agitate before each spray. Do not allow the spray mixture to stand overnight.

Apply at a rate of 1 gallon diluted solution per 1,500 square feet of surface area. Apply to building, resting areas, walls, floor, animal bedding and run areas. Remove animals before spraying and do not return animals to treated areas until spray has dried completely. Pets and their bedding should also be treated with EPA registered flea and tick control 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 as part of a complete flea control program to prevent the introduction of adult fleas. Repeat as necessary.

FOR GERMAN, ASIAN, AND BROWN BANDED COCKROACH CONTROL:

The active ingredient in this concentrate [Speer Nylar[®] EC] is [Nylar[®]], an insect growth regulator. [Speer Nylar[®] EC] is similar to insect growth hormones that occur naturally in insects and acts on the immature life stages of the cockroach preventing [stopping (inhibiting)] nymphal cockroaches from developing into adults [breeding adults] [reproductive adults] [egg laying adults]. Shortly after application of this concentrate [Speer Nylar[®] EC], cockroaches with twisted wings will begin to appear indicating that [Speer Nylar[®] EC] has taken effect - those cockroaches with twisted wings are unable to reproduce. The unique properties of [Speer Nylar[®] EC] eliminate the cockroach population, when used as directed. One treatment works for [180 days] [26 weeks] [6 months] against hatching cockroaches [nymphal (preadult) cockroaches] [hatching eggs (nymphs)].

If a high population of adult cockroaches are present, the use of an adulticide [brand name] may be necessary for immediate relief [control]. [Speer Nylar[®] EC] causes a gradual reduction in the cockroach population by interrupting [breaking] the life cycle of the cockroach and preventing the cockroaches from breeding. This concentrate [Speer Nylar[®] EC] may also be combined with a cockroach adulticide [adulticide, such as] [brand name]. [Speer Nylar[®] EC] [this concentrate] [brand name] compliments the rapid activity of the adulticide [brand name] by providing long term control of

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cockroach nymphs [preadult (nymphal) cockroaches] before they become breeding adults [reproductive adults] [adults].

NOTE: Not Labeled For Use In Food Areas of Food Handling Establishments

INDOORS:

INSTRUCTIONS FOR USE: [Speer Nylar[®] EC] is intended to be mixed with water and applied with spray equipment such as any low pressure sprayer [tank type sprayer] [trigger sprayer] typically used for indoor applications.

SPRAY PREPARATION: Prepare a diluted spray solution by adding 2 ounces per gallon of water. Partially fill the mixing container with water, add [Speer Nylar[®] EC], agitate and fill to the final volume. Agitate before each spray. Do not allow spray mixture to stand overnight.

IN CONJUNCTION WITH AN ADULTICIDE INSECTICIDE:

[Speer Nylar[®] EC][this concentrate] [brand name] may be combined with an insecticide [brand name] registered for adult control of cockroaches. The combination would provide immediate relief [control] of adult cockroaches and inhibit the development of the immature stages of the cockroaches [preadult (nymphal) cockroaches] [hatching eggs (nymphs)] for [180 days] [26 weeks] [6 months]. This application should conform to accepted use precautions and directions for both products. Use [Speer Nylar[®] EC] at application rates specified above.

GENERAL SURFACE APPLICATION:

COCKROACHES [Brown Banded Cockroach, Asian Cockroach, German Cockroach,] and Cricket: Apply diluted spray at the rate of 1 gallon per 1,000 square feet of surface area as a spot treatment, surface application and crack and crevice spray. Contact as many insects as possible with this spray in addition to thorough spraying of all parts of the room suspected of harboring these pests. Special attention should be paid to hiding places such as beneath sinks, behind and beneath stoves and refrigerators, cracks and crevices, around garbage cans, cabinets, along the outside of baseboards, door and window sills, door and window frames and floors, around and on drains, pipes, plumbing, behind bookcases, storage and other utility installation areas, infested furniture and the inside of cabinets and closets hitting insects with spray whenever possible. Repeat as necessary.

SPOT AND CREVICE APPLICATIONS: Apply [Speer Nylar[®] EC] diluted spray solution using a pressurized spray system capable of delivering a pin-point or variable spray pattern. Crack and Crevice applications may be made directly to areas such as, but not limited to, crevices, baseboards, floors, ceilings, walls, expansion joints, molding, areas around water and sewer pipes, voids where pests can hide and similar areas, spot treatments may also be made to areas including but not limited to storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves and other equipment, shelves, drawers and similar areas.

WAREHOUSES: [Speer Nylar[®] EC] may be applied as a general surface, fogger, spot or crack and crevice treatment in nonfood storage warehouses or in warehouses where stored food items are limited solely to either bottle or canned items, so that food contact is not anticipated. Apply to all areas that may harbor pests, including under and between pallets.

STORAGE AND DISPOSAL

STORAGE: Store in a cool dry area away from heat or open flame.

DISPOSAL: Replace cap and discard container in trash. Do not incinerate or puncture.

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