



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 12, 2018

Mike Sarli
Sr. Regulatory Affairs Specialist
Chemsico, Division of United Industries Corp.
P.O. Box 142642
St. Louis, MO 63114

Subject: PRIA Label and CSF Amendment – Addition of residual efficacy claims;
Revision of Basic CSF and addition of Alternate CSFs 1 and 2.
Product Name: Chemsico Aerosol Insecticide NMR IV-N
EPA Registration Number: 9688-329
Application Date: 17-May-2018
Decision Number: 541294

Dear Mr. Sarli:

The amended label and CSFs referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Please note that the record for this product currently contains the following CSFs:

- Basic CSF dated 04/13/2018
- Alternate CSF #1 dated 04/13/2018
- Alternate CSF #2 dated 04/13/2018

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

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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.

Your release for shipment of the product 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. If you have any questions, you may contact Julie Breeden-Alemi, DVM at 703-347-0511 or via email at Breedon-Alemi.Julie@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Elizabeth Fertich". The signature is cursive and somewhat stylized.

Elizabeth Fertich
Product Manager 04
Invertebrate & Vertebrate Branch 1
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

Chemsico Aerosol Insecticide NMR IV-N

For Indoor Household/Residential Use Only

(see back page for list of optional marketing claims)

Alternate Brand Names: Black Flag Flea and Tick Fogger
Black Flag Flea & Tick Dry Flea Fogger
Black Flag Dry Flea Fogger
Black Flag Dry Flea & Tick Fogger

(Note to EPA Reviewer: All text for this label will be bilingual and will appear on the outside or inside of the outer carton as appropriate with a note that the Spanish instructions are inside (as appropriate). The container itself will be in English with the Spanish note above prominently displayed on the front panel. The container will not include any icons due to space limitations.)



Active Ingredients:	
Tetramethrin	0.200%
Cypermethrin	1.500%
Piperonyl butoxide	0.500%
Pyriproxyfen	0.167%
Other Ingredients*	97.633%
Total	100.000%

*Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN

CAUTION See back for additional First Aid and precautionary statements

NET WT. 1.2 OZ. (34 g)

STOP. READ ENTIRE LABEL BEFORE USE.

DIRECTIONS FOR USE

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

Apply this product only as specified on this label.

To Use This Product Correctly

DO NOT USE MORE THAN ONE FOGGER PER ROOM.

(Please see Appendix for Pictograms)

Restrictions for Indoor Uses

Do not use in small, enclosed spaces such as closets and cabinets or under counters or tables. Use of a fogger in an enclosed space may cause the product to explode, resulting in injury to people or damage to property. Do not use as a space spray. Use only in well-ventilated areas. Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift. Keep people and pets out of the area during treatment. Do not allow adults, children or pets to enter the treated area until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated. Do not apply to pets. Remove birds and other pets before application. Cover any water inhabited by fish (such as aquariums and ornamental fish ponds) during treatment, and turn aquarium systems off. Do not apply when food is present. Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use. Do not use in greenhouses where plants are grown for food. Do not apply directly into sewers or drains, or to any area like floor drains where drainage to storm sewers, water bodies or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Exit area immediately and remain outside the treated area until the area is thoroughly ventilated and until aerosols, vapors or mists have dispersed.

Wait two (2) hours after application, then open windows, vents and doors for two hours. If an odor is detected additional ventilation is required. One can covers 2,000 cubic feet of unobstructed space (15.5ft. x 16ft. with 8ft. ceiling).

Does not control bed bugs.

BEFORE YOU FOG

(Please see Appendix for Pictograms)

1. **OPEN** cabinets, cupboards, drawers, closets and doors in area to be treated
2. **REMOVE** or cover exposed foods, dishes, utensils, food-processing equipment and surfaces. **REMOVE** pets and birds and **COVER** and turn off air flow systems in aquariums. **REMOVE** or **COVER** children's and pet toys.
3. **CLOSE** outside doors and windows. **SHUT OFF** fans, air conditioners and temporarily disconnect smoke alarms.
- 4.

For Fleas & Ticks: Vacuum all areas your pet has access to, including carpets, area rugs, bare floors, upholstered furniture, pillows and pet's sleeping area. Remove pet bedding and launder or discard. Return clean/new bedding only after Airing Out [the entire treatment process is completed]. Also treat dogs and cats with a flea and tick control product registered for use on pets before allowing them to re-enter treated areas.

TO START FOGGING

(Please see Appendix for Pictograms)

1. Place a chair, table or stand in the **center of the room** to be fogged. Cover with several layers of newspaper or paper towels.
2. **SHAKE WELL BEFORE USING.** Tilt sprayer **AWAY** from face (fogger can sprays up). Press valve all the way down, hooking the catch. Do not inhale the spray mist. Set fogger on newspapers or paper towels and leave premises [home] immediately.
3. Close door(s) and hang "Fogger in use tag" on door knob. **KEEP TREATED AREA CLOSED AND DO NOT RE-ENTER FOR AT LEAST TWO HOURS.** Keeping area sealed for a longer period of time will enhance fogger performance.

Vacate the treated house, individual apartment unit, or other structure immediately.

AFTER FOGGING

(Please see Appendix for Pictograms)

AIRING OUT:

BEFORE REOCCUPYING THE AREA, OPEN ALL DOORS AND WINDOWS, TURN ON AIR CONDITIONER AND FANS AND ALLOW TREATED AREA TO AIR OUT FOR TWO HOURS. Turn on smoke alarms and aquariums.

Storage and Disposal

Storage: Store in cool, dry area away from heat or open flame. Do not Puncture or Incinerate! **Pesticide Disposal and Container Handling: If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste for disposal instructions.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Contains petroleum distillate.

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes or clothing. Causes moderate eye irritation. Breathing spray mist may be harmful. Users should remove clothing immediately if pesticide gets inside. Then, wash thoroughly and put on clean clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

First Aid

If swallowed:

Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

If on Skin:

Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a Poison Control Center or doctor for treatment advice.

If in Eyes:

Hold eye open and rinse slowly and gently with water for 15-20 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.

NOTE TO PHYSICIAN: May pose an aspiration pneumonia hazard. Contains petroleum distillate.

Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment. You may also contact 1-800-332-5553 for emergency medical treatment information.

Environmental Hazards

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not contaminate water when disposing of equipment, wash water, or rinsate. See directions for Use for additional precautions and requirements.

Physical or Chemical Hazards

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

NOTICE: To the extent consistent with applicable law, buyer assumes all responsibility for safety and use not in accordance with directions.

Questions or comments? Call 1-800-332-5553.

[*Guarantee - If you are not satisfied with this product for any reason, send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.]

Chemsico, Division of United Industries Corporation, P.O. Box 142642, St. Louis, MO 63114-0642

EPA Reg. No. 9688-329

EPA Est. No. 9688-MO-1

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Hang-Tag (Door Knob Hanger)

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 two hours.

**Total Release Fogger Use Area
Treated with Chemsico Aerosol Insecticide NMR IV-N**

Do Not Re-Enter until: _____ ON _____

Do Not Re-Enter until: _____ ON _____

Do Not Re-Enter until: _____ ON _____

Do Not Re-Enter until: _____ ON _____

Do Not Re-Enter until: _____ ON _____

Do Not Re-Enter until: _____ ON _____

Save for future use

One Hang Tag will be included in each outer carton. This may be an extra flap or perforations in the outer box at an appropriate point.

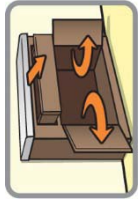
APPENDIX for PICTOGRAMS



1" x 0.7"



1" x 0.7"



1" x 0.7"



1" x 0.7"



1" x 0.7"



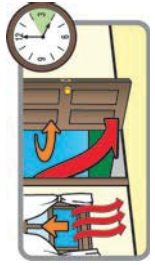
1" x 0.7"



1" x 0.7"



1.4" x 0.8"



1.4" x 0.8"

List of Optional Marketing Claims

1. Concentrated Formula
2. Dry-fog technology
3. Dry fog
4. Dry deep reaching fog leaves no messy residue
5. Dry fog is clean and leaves no messy residue
6. Clean [technology]
7. Clean [no residue]
8. Kills fleas
9. Kills fleas, [spiders], [crickets], [houseflies], [ticks], [and other listed household pests]
10. Deeper reaching [dry fog] [formula][technology]
11. Deep reach [fogger][formula]
12. Non-staining when used as directed
13. Low odor
14. odorless [formula]
15. No lingering odor [formula]
16. No unpleasant odor
17. No unpleasant residual odor
18. No oily residue
19. No lingering odor
20. Unscented
21. Leaves no mess
22. No-mess [fogger] [technology]
23. No [wet][messy][oily] residue
24. No residue [formula]
25. No need to turn off pilot lights
26. Keeps on killing crickets for up to [6 weeks] [[8 weeks][2 months] on non-porous surfaces
27. Residual killing power for crickets lasts up to [6 weeks][[8 weeks][2 months] on non-porous surfaces
28. [Flushes][drives out] listed bugs [and kills by contact]
29. [Flushes][drives out] listed bugs
30. [Kills][Lasts] Longer [lasting formula]than our previous formula
31. Controls [even] heavy infestations
32. Instructions in Spanish on the inside of the box [translation]
33. Guaranteed* – To work or your money back
34. One can treats 2,000 cubic feet of unobstructed area [space] (approximately 15.5 feet X 16 feet X 8 feet ceiling)
35. [One] [each] 1.2 oz. can treats up to 2,000 cubic feet
36. Kills fleas
37. Contains NyLar®
38. Kills fleas and ticks
39. Kills Fleas [and ticks]
40. Kills fleas and flea larvae
41. Breaks the Flea Life Cycle [by preventing development into adult fleas]
42. Prevents flea infestations from hatching fleas for up to 7 months [210 days] on non-porous surfaces and 3 months [90 days] on porous surfaces
43. Prevents flea infestations from hatching fleas for up to 7 months [210 days] on non-porous surfaces
44. Prevents flea infestations from hatching fleas for up to 3 months [90 days] on porous surfaces
45. Kills cockroaches
46. Kills mosquitoes
47. Kills cockroaches and mosquitoes
48. Starts killing cockroaches and mosquitoes in 24 hours
49. Treats large areas such as carpets, rugs, floors and furniture surfaces

50. HOME TREATMENT

51. **FOR BEST RESULTS USE THIS PRODUCT AS PART OF A COMPREHENSIVE FLEA & TICK TREATMENT PLAN.** An effective flea & tick control program includes simultaneous, coordinated treatment of the home, yard & pet. Treatment and prevention go hand in hand so it's key to treat all 3 areas. This integrated pest management approach involves inspection, cleaning, and targeting eggs, larvae & adults with the appropriate insecticides. Follow up treatments are almost always necessary as flea & tick problems will not be solved with just a one treatment approach.
52. This product is for Home Treatment
53. [Where to Use:] Treats large areas such as carpets, [rugs], [pet bedding], and [furniture surfaces]
54. [Application:] Each can covers 2,000 cubic feet of unobstructed space (15.5 ft x 16 ft with 8 ft ceiling)

Optional Text to be Used on Product Website www.blackflag.com:

[Vacuum all areas of your home that your pet has access to indoors: Carpets, area rugs, bare floors, upholstered furniture, pillows and your pet's sleeping area.]
 [Use the crevice tool and other vacuum attachments along baseboards and around the corners and edges of furniture.]

Optional claims for fragrances formula:

1. With odor neutralizer fragrance [scent]
2. Odor [neutralizing][system][technology][formula]
3. [With] odor neutralizing formula
4. With odor neutralizer [technology]
5. Neutralizes odors

OPTIONAL PRODUCT FACTS BOX (to be displayed on the back label panel)

Where to Use: Treats large areas such as carpets, rugs and furniture surfaces

Application: Each can covers 2,000 cubic feet of unobstructed space (15.5ft. x 16ft. with 8ft. ceiling).

Optional Spanish note: For instructions and warranty in Spanish, see inside of carton. If you do not have a carton, call 1-800-917-5431.

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The following Product Facts Box is optional marketing language:

Quick Facts	<ul style="list-style-type: none"> • Deeper reaching dry fog technology • Non-staining (when used as directed), odorless, no messy residue
How it works	Dispenses a dry penetrating fog that kills by contact.
Kills	Carpenter Ants, Black Carpet Beetles, Cockroaches (Roaches), Crickets, Earwigs, Firebrats, Fleas, Houseflies, Mosquitoes, Pillbugs, Rice Weevils, Saw Toothed Grain Beetles, Silverfish, Small Flying Moths, Spiders and Ticks. Does not control bed bugs.
For Use in	Apartments, Attics, Basements, Barns, Cabins, Campers, Crawl Spaces, Garages, Homes, Households, Sheds, Storage Areas, Trailers.
Coverage	Each can covers 2,000 cubic feet of unobstructed space (15.5ft. x 16ft. with 8ft. ceiling).

[Chemsico Aerosol Insecticide NMR IV-N creates an extremely fine, dry penetrating fog that stays airborne and reaches deep into cracks, crevices, under furniture and appliances to kill listed bugs. When used as directed, the odorless, non-staining dry fog will not harm drapes, upholstery, fabrics, carpeting, bedspreads, floor tiles, wood floors, linens, furniture, walls, clothing, ceilings, shades or blinds.]