



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

October 5, 2016

Jessica Goldberg  
Sr. Regulatory Affairs Specialist  
Chemsico, Div. Of United Industries Corp.  
P.O. Box 142642  
St. Louis, MO 63114

Subject: Notification per PRN 98-10 – Adding marketing claims and specifics for NY  
Product Name: CHEMSICO INSECTICIDE CONCENTRATE LN  
EPA Registration Number: 9688-334  
Application Date: 9/8/2016  
Decision Number: 521324

Dear Ms. Goldberg:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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.

If you have any questions, you may contact Angela Hollis at 703-347-0216 or via email at [hollis.angela@epa.gov](mailto:hollis.angela@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Kable Bo Davis", enclosed within a hand-drawn oval.

Kable Bo Davis, Product Manager 3  
Invertebrate and Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

# Chemsico Insecticide Concentrate LN

For outdoor use around the home only.

## ALTERNATE BRAND NAMES:

Black Flag Flea & Tick Killer Concentrate<sub>2</sub>  
 Black Flag Flea & Tick Concentrate<sub>2</sub>  
 Black Flag Flea & Tick Killer Concentrate Yard Treatment<sub>2</sub>  
 Black Flag Extreme Flea & Tick Concentrate  
 Black Flag Extreme Flea & Tick Yard Spray  
 Black Flag Flea & Tick Yard Spray  
 Black Flag Extreme Flea & Tick Yard Spray Concentrate  
 Black Flag Extreme Yard & Premise Spray  
 Black Flag Yard & Premise Spray  
 Black Flag Extreme Yard & Premise Spray Concentrate  
 Black Flag Extreme Yard Spray  
 Black Flag Extreme Yard Spray Concentrate  
 Black Flag Yard Spray  
 Black Flag Extreme Yard Spray Concentrate  
 Black Flag Extreme Yard & Kennel Flea & Tick Spray  
 Black Flag Yard & Kennel Flea & Tick Spray  
 Black Flag Yard Flea & Tick Spray  
 Black Flag Flea & Tick Killer  
 Black Flag Flea & Tick Killer Concentrate  
 Black Flag Flea Killer  
 Black Flag Flea Killer Concentrate<sub>2</sub>

## ACTIVE INGREDIENTS:

Lambda-Cyhalothrin .....	0.160%
Pyriproxyfen .....	0.125%
OTHER INGREDIENTS.....	99.715%
TOTAL.....	100.000%

Keep Out Of Reach Of Children

**CAUTION** See back [booklet] for additional precautionary statements

NET CONTENTS 1 QUART [32 FL OZ/946 mL]

## NOTIFICATION

9688-334

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

10/05/2016

## STOP! READ ENTIRE LABEL BEFORE USING

### DIRECTIONS FOR USE

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

#### Restrictions



**Do not allow adults, children, or pets to enter the treated area until sprays have dried. Do not apply this product directly to pets.**

- Do not water the treated area to the point of run-off.
- Do not make applications during rain.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- Not for use in outdoor residential misting systems.
- All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:
  1. Applications to soil or vegetation around structures
  2. Applications to lawns, turf and other vegetation
  3. Applications to building foundations, up to a maximum height of 3 feet

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches, and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack and crevice applications only.

**In New York state, this product may not be applied to turf within 100 ft. of a coastal marsh or streams that drain into a coastal marsh.**

#### HOSE END SPRAYER INSTRUCTIONS [Dial Button]

1. *Shake container well before using.*
2. Connect a garden hose to the Ready-Spray nozzle. Make sure the dial on the nozzle is in the "OFF" position with the green safety tab in the valve notch.
3. Turn on water at faucet. Extend hose to the farthest area [of lawn] to be treated and work back toward the faucet so you don't come in contact with the treated area
4. To BEGIN spraying, point nozzle toward lawn or areas to be treated and 1.) bend the green safety tab (located at right of [yellow] dial) back and hold, 2.) using your other hand, QUICKLY turn the dial clockwise until it stops and [green] tab engages into notch. Water will automatically mix with the product at a dilution rate of 100:1.
5. Spray until wet to kill listed insects. Walk at a steady pace while spraying using an even sweeping motion, slightly overlapping treated areas. One quart will treat [up to] 5,000 sq ft. Calculate square feet by multiplying length by width. Refer to sight gauge to guide coverage (example: when bottle is half empty, you should have covered half the area).
6. To STOP spraying, QUICKLY turn the dial in the opposite direction of "ON" (counter clockwise) until it stops and the safety tab engages into the notch. Turn water off at faucet. To relieve pressure before removing nozzle from hose, bend the safety tab back and turn dial "ON" until water stops spraying.
7. To STORE unused product, make sure the dial is in the "OFF" position with the green safety tab in the valve notch. Place in a cool area away from heat, sunlight or open flame.

#### HOME LAWNS

Kills ants\*\*, crickets, cockroaches, fleas, lady beetles, millipedes, mosquitoes, and ticks in [on] Bentgrass, Bermuda grass, Bluegrass, Fescue, Irish Moss, Merion and St. Augustine lawns.

#### KENNELS AND DOG RUN AREAS

To control fleas, apply as a surface application to resting areas, walls, floors, around building and run areas. To kill other listed pests, apply product directly onto visible pests. Remove animals before applying and do not return animals to treated areas until spray has completely dried.

#### HOME BARRIER TREATMENT

Apply as a continuous band of insecticide around building foundation and around windows, doors, eaves, vents, decks, patios and other areas. For easier application, remove debris and leaf litter from next to the foundation, cut back vegetation and branches that touch the foundation, and move or rake back rocks, deep mulch, or other potential pest harborage next to the foundation. Apply a 3 ft band around the structure and upwards along the foundation to 3 ft and around windows, doors, and roof overhangs. Apply as a coarse spray to thoroughly and uniformly wet the foundation and/or band area so that the insecticide will reach the soil or thatch level to provide 3 month control of fleas. For other listed pests, spray must be directly applied to visible pests. 1 qt covers 5,000 sq ft.

\*\*excluding fire and Pharaoh ants

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in cool, dry area away from heat or open flame.

**Pesticide Disposal and Container Handling:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**CAUTION.** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

First Aid
<b>If in Eyes:</b> 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.
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. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging the treatment area.

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

\*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 dated store receipt showing the price you paid. Please allow 6-8 weeks for processing

**[Questions or comments? Call 1-800-332-5553]**

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

EPA Reg. No. 9688-334  
EPA Est. No. 9688-MO-1  
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#### List of Optional Marketing Claims

1. Kills ants\*\*, [crickets], [cockroaches], [fleas], [lady beetles], [millipedes], [mosquitoes], [and ticks]
2. Kills fleas, ticks, mosquitoes and other listed insects
3. Starts killing in 24 hours (except fleas)
4. Starts to kill in 24 hours (except fleas)
5. Starts to work in 24 hours
6. Kills by contact
7. Kills listed bugs [by contact]
8. Controls [Kills] fleas outdoors for up to [3 months] [12 weeks]
9. Stops flea eggs from developing into adult fleas for [3 months] [12 weeks]
10. Effective against fleas outdoors for up to [3 months] [12 weeks]
11. Prevents adult flea emergence outdoors for up to [3 months] [12 weeks]

12. [Provides] continuous flea protection outdoors [for up to 3 months] [for up to 12 weeks]
13. Flea protection outdoors [for up to 3 months] [for up to 12 weeks]
14. Keeps killing fleas outdoors [for up to 3 months] [for up to 12 weeks]
15. Kills fleas outdoors [for up to 3 months] [for up to 12 weeks]
16. Prevents fleas outdoors [for up to 3 months] [for up to 12 weeks]
17. Controls fleas outdoors [for up to 3 months] [for up to 12 weeks]
18. Keeps killing fleas outdoors with residual action [for up to 3 months] [for up to 12 weeks]
19. Lasts up to [12 weeks] [3 months] against fleas outdoors
20. Up to [12 weeks][3 months] control of fleas outdoors
21. Breaks the flea life cycle
22. Contains Nylar®
23. Prevents outdoor flea infestation for up to [3 months] [12 weeks]
24. Won't [harm] [kill] lawns when used as directed
25. Lawn friendly formula (when used as directed)
26. Designed for use around the perimeters of homes, decks and patios
27. Use around the perimeters of homes, decks and patios
28. Use around the perimeter [exterior] of your home
29. Specially formulated to control fleas and kill other listed pests
30. Controls [Kills] fleas and kills other listed pests
31. Connect and spray
32. Hose-end sprayer
33. Easy to connect and spray
34. No mixing
35. No measuring
36. No measuring necessary
37. No waste
38. No mess
39. Easy to apply
40. Easy to use [spray]
41. Ensures complete coverage
42. Simple to use
43. Mixes and sprays
44. Spray concentrate
45. Concentrated spray for listed insects
46. Ergonomic handle
47. Easy on/off
48. Results guaranteed\* [Alternate: Guaranteed to work or your money back\*]
49. Treats [up to] 5,000 sq ft
50. One quart [Alternate: 1 qt] treats [up to] 5,000 sq ft
51. What it Does: Kills ants (excluding fire and Pharaoh), crickets, cockroaches, fleas, lady beetles, millipedes, mosquitoes, and ticks.
52. Where to Use: Outdoors on lawns to kills listed pests. Use as a home barrier treatment and around kennels and dog run areas to control fleas.
53. How much to use: 1 qt treats [up to] 5,000 sq ft

[\*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.]

\*\*excluding fire and Pharaoh ants

Nylar® is a Registered Trademark of McLaughlin Gormley King Company

**[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. ]

This product is for Yard Treatment.

[OPTIONAL PRODUCT FACT BOXES]

**PRODUCT FACTS**

**[What It Does:**

Kills ants (excluding fire and Pharaoh), crickets, cockroaches, fleas, lady beetles, millipedes, mosquitoes, and ticks.]

**[Where To Use:**

Outdoors on lawns to kills listed pests. Use as a home barrier treatment and around kennels and dog run areas to control fleas.]

**[How much to use:** 1 qt treats [up to] 5,000 sq ft.]

**[Questions & Comments:** (icon phone) Call 1-800-332-5553.]