



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

April 15, 2024

Michael G. Sarli  
Sr. Director Regulatory  
Chemsico, A Div. Of United Industries Corp.  
P.O. Box 142642  
St. Louis, MO 63114

Subject: Label Amendment – Added changes to DFU, additional images, and Permethrin IRRD language  
Product Name: Chemsico Aerosol Insecticide  
EPA Registration Number: 9688-111  
Application Date: 01/15/2021; 10/10/2022  
Case Number: 478626; 482608

Dear Michael G. Sarli:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is 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. The next label printing of this product must use this labeling unless subsequent changes have been approved. 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.

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 FIFRA 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) lists 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.

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 Permethrin Interim Decision, and has concluded that your submission is acceptable.

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 Robert Mitchell at 202-566-2842 or via email at [mitchell.robert@epa.gov](mailto:mitchell.robert@epa.gov).

Sincerely,



Elizabeth Fertich  
Product Manager 4  
Invertebrate-Vertebrate Branch 1  
Registration Division  
Office of Pesticide Programs

Enclosure

# Chemsico Aerosol Insecticide

Alternate Brand Names:

- Black Flag Flying Insect Killer<sub>3</sub> {added via Notification 10/21/2014; EPA accepted 11/25/2014}
- Ace Flying Insect Killer<sub>3</sub> {added via Notification 7/20/2022}

[For Household Use • Controls residential and garden insects • Keeps killing for [8 weeks] [12 weeks\*]! [2 months] [3 months\*]• [8 weeks] [12 week\*] control [2 months] [3 months\*]• Seeks out bugs where they hide • Kills On contact • Kills fast plus kills bugs landing on treated surfaces up to [8 weeks] [12 week\*] [2 months] [3 months\*]• • For use on bedding, furniture and other inanimate objects infested with lice • For Use on premises to control fleas and brown dog ticks • Water-based formula • Low odor • Non-staining • Kills Flying and Crawling Insects • \*\*Guaranteed Results or Your Money Back]

\*Excluding mosquitoes, wasps, hornets and yellow jackets

Active Ingredients:

Pyrethrins .....	0.10%
Piperonyl Butoxide, .....	0.50%
Permethrin.....	0.20%
Other Ingredients.....	99.20%
Total .....	100.00%

### KEEP OUT OF REACH OF CHILDREN

**CAUTION** See back for additional precautions.

**Net Wt 11 oz (311 g), 15 oz (425 g), 16 oz (1 lb/453 g), 18 oz. (1 lb 2 oz/510 g)**

### OPTIONAL MARKETING LANGUAGE

[A Broad Spectrum Insecticide Highly Effective Against Ants\*\*, Beetles (Including Carpet, Flour, Grain, and Ground Beetles), Centipedes, Clover Mites, Cockroaches, Crickets (Including Mole Crickets), Earwigs, Firebrats, Fleas, Millipedes, Moths, Pillbugs, Silverfish, Sowbugs, Spiders, Scorpions, Brown Dog Ticks, and Other Pests Listed On the Label.]

\*\*excluding fire ants and pharaoh ants

### Optional Product Fact box

Product Facts
<p><b>What It Does:</b> Kills Flying and Crawling Insects Including: Ants**, Carpenter Ants, Beetles, Roaches, Crickets, Earwigs, Fleas, Spiders, Scorpions, brown dog ticks, and other Listed Pests</p> <p><b>Where to Use:</b> Indoors and Outdoors, including your garden</p> <p><b>Questions &amp; Comments:</b> 1-800-332-5553 or Visit our Website at [www.blackflag.com] [www.hotshot.com] [www.spectracide.com]</p>

**STOP. [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.

For indoor use only.

Or

For outdoor use only.

Or

For both indoor and outdoor use

### Use Restrictions

- For surface spray: Do not allow adults, children, or pets to enter the treated area until sprays have dried.
- Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift.
- For space spray: Do not allow adults, children, or pets to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- Do not remain in treated area. Exit area immediately and remain outside the

<p><b>ACCEPTED</b></p> <p><b>04/15/2024</b></p> <p><small>Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 9688-111</small></p>
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treated area until aerosols, vapors, and/or mists have dispersed.

- Do not wet plants to point of runoff or drip.
- Do not wet articles to point of runoff or drip. Do not use treated article until spray has dried.
- Dry clean treated clothes before wearing. {Only included when "To Control Clothes Moths and Carpet Beetles" section is included on the label}
- Not for broadcast use on indoor residential surfaces.

**{Note to reviewer: Text within { } area will only be used on products that contain Outdoor Uses}**

{All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
2. Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn);
3. Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
4. Applications around potential exterior pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch;
5. Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
6. Applications to vertical surfaces directly above pervious surfaces, such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.

Spot treatments must not exceed two square feet in size (for example, 2ft. by 1 ft or 4 ft. by 0.5 ft.).

For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

Do not spray the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or 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.

Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment."

Do not apply or irrigate to the point of runoff.

Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application.

Treat surfaces to ensure thorough coverage but avoid runoff

To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.}

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. Remove pets and birds and cover fish aquariums before spraying. Vacate room after treatment and ventilate before reoccupying. Do not allow children or pets to contact treated areas until surfaces are dry.

## SHAKE WELL BEFORE USING

Hold can upright and spray from a distance of 12 to 15 inches.

## INDOORS

**FLYING INSECTS: Houseflies, Fruit Flies, Mosquitoes, Wasps, Hornets, Yellowjackets, Gnats, Skipper Flies and Small Flying Moths:** Spray window sills, window and door frames and other indoor surfaces where these insects may land. Close all doors and windows and spray upward into center of room with a slow sweeping motion. Spray 5 - 10 seconds for average room, moving toward the door. Direct spray to all parts of the room, especially windows and other light sources which attract these insects. Keep nozzle in constant motion. Leave room and keep area closed for 15 minutes after spraying. Ventilate room thoroughly before re-entry. Sweep up and discard fallen insects.

**CRAWLING INSECTS: Cockroaches, Waterbugs, Palmetto Bugs, Silverfish, Firebrats, Crickets, Spiders, Scorpions, Millipedes, Centipedes, Sowbugs, Stink bugs, Boxelder bugs and Pillbugs:** Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible.

**Ants\*\* [including carpenter ants]:** Spray trails, nests and points of entry. Spray on ants where possible.

**Carpet Beetles:** Spray directly on beetles, floors, baseboards, shelves and carpet.

**To Control Clothes Moths and Carpet Beetles** on wool and other proteinaceous fibers: Remove infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray for 5-10 seconds to empty chests, closets, bureaus and other storage areas directing the spray into cracks, joints and crevices. After airing, infested articles may be treated by spraying lightly, keeping nozzle at least three feet from fabric to avoid staining. Dry clean treated clothes before wearing.

**Fleas & Brown Dog Ticks (Adults and Larvae):** Remove and thoroughly clean or destroy pet bedding. Spray pet sleeping quarters, bed, entire floor and floor covering, paying special attention to cracks and crevices around baseboards, and window and door frames. Infested upholstered furniture and mattresses may also be treated with this product. A test application should be made to upholstery or drapery fabrics in an inconspicuous place before use.

### OUTDOORS

Point nozzle away from face. Hold can at slight downward angle. For best results, spray when air is calm. Allow a few minutes for product to take effect. Spray with wind if breeze is blowing. Do not apply when the wind speed is greater than 15 mph.

**FLYING INSECTS: Flies, Mosquitoes, Wasps, Hornets, Yellowjackets, Gnats and Small Flying Moths.** Allow fog to drift over area. Direct spray toward bushes or grass from at least 4 to 6 feet away. Give special attention to breeding areas such as garbage cans and compost piles.

**CRAWLING INSECTS: Ants\*\*[including carpenter ants], Cockroaches, Crickets, Mole Crickets, Centipedes, Stink bugs, Boxelder bugs and Silverfish.** Spray infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs to repel ants. Spray ant hills for best control.

**FOR THE CONTROL OF GARDEN INSECTS:** For use on roses, dahlias, asters and other ornamentals to kill Japanese Beetles hit by spray, as well as Whiteflies, Aphids, exposed Thrips, Spiders, Red Mites and Leafminers.

May be used on plants, as well as a multi-purpose spray in small gardens and for spot treatments of the first signs of insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwood, English ivy, euonymus, fuschia, geraniums, crassula, grape vine, Kentia palm, laurel, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, Wandering Jews and zinnias.

Effective when used as directed against Whiteflies, Aphids, Spider and Red Mites, exposed Thrips, Lace Bugs, Japanese Beetles, Pavement Ants, Clover Mites and Armyworms. When spraying plants, do not spray closer than 18 inches. Use sweeping motion. Spray in one second bursts. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90° F. Contact insects directly whenever possible. Repeat treatment as infestations occur.

\*\*excluding fire ants and pharaoh ants

### STORAGE AND DISPOSAL

**Pesticide Storage:** Store in a cool, dry area. Do not transport or store below 32°F. **Pesticide Disposal and Container Handling:** Do Not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Do not pour or dispose down-the-drain or sewer. Call your local solid waste Agency for local disposal options.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**CAUTION:** Harmful if inhaled. Avoid breathing vapor or spray mist. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

#### FIRST AID

**If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

**If On Skin Or Clothing:** 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.

Have the product container or label with you when calling a Poison Control Center or doctor, or going for treatment.

#### Environmental Hazards

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and run-off may be hazardous to fish in water adjacent to treated areas. See Directions for use for additional precautions and requirements.

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 actively visiting the treatment area.

**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. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

[\*\*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]

[Contains NO CFC's or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.]

**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.]

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

EPA Reg. No. 9688-111  
EPA Est. No. 9688-MO-1

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{Optional Graphical Images including supplemental distributor labels}  
{Images may be presented in different colors}



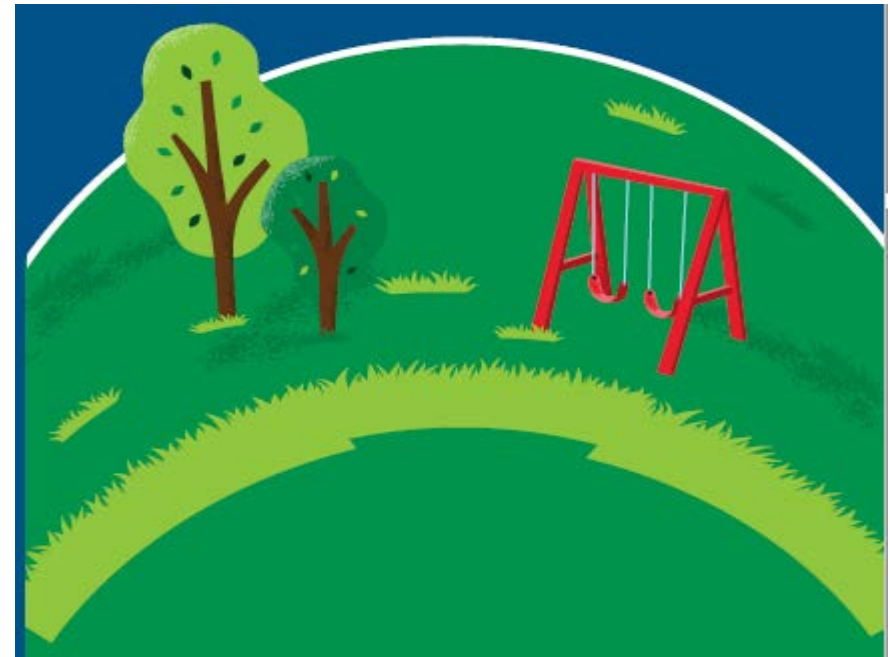


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**\*GUARANTEE**  
If you are not satisfied with this product for any reason, send your written request for a refund to the address below, together with the original dated store receipt showing the price you paid. Please allow 6-8 weeks for processing.



[The Ace® Promise  
If this Ace product when used for its intended purpose, fails to give you complete satisfaction, return the item to the Ace Hardware store where purchased for free replacement of the same or similar item.]



Questions or Comments?



{Used in association with "Spray with wind if breeze is blowing" in the "Outdoors" section of label.}

