



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 24, 2026

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

Subject: Label Amendment - Registration Review Mitigation for lambda-Cyhalothrin and Prallethrin  
Product Name: Chemsico Aerosol Insecticide AKR  
EPA Registration Number: 9688-253  
Case Number: 482508 and 478240  
Application Dates: February 4, 2021, and February 17, 2022

Dear Michael Sarli:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the lambda-Cyhalothrin and Prallethrin 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 Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. 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 12 months from the date of this letter. After 12 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.

If you have any questions about this letter, please contact Tracy Jackson by phone at 202-566-2268, or via email at [jackson.tracy@epa.gov](mailto:jackson.tracy@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Julie R. Javier". The signature is written in a cursive style with a horizontal line through the middle of the name.

Julie Javier, Team Leader  
Risk Mitigation and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

# CHEMSICO AEROSOL INSECTICIDE AKR

ALTERNATE BRAND NAME: Black Flag Spider and Scorpion Killer<sub>2</sub>

[Unique] [ETOC] [Technology] [Killing System] • Kills in seconds • Kills [Bugs] Fast • Fast Killing • [Stops] [Kills] Bugs [Dead] in Their Tracks • Kills Fast! • Dead on....Every Time! • Kills bugs you see, [Kills bugs] [and the ones] you don't see • [Kills] [controls] [roaches] [cockroaches] [crickets] [for up to [1, 2, 3, 4 months] [4, 8, 12, 16 weeks] • Kills on Contact [and] [plus] [Keeps [On] Killing] [for up to [4 months] [16 weeks]] • [Protects] [Continues to kill] [Keeps killing] [kills] up to four months • Kills [roaches and] ants\* in seconds • [Starts Killing in Seconds] [Keeps killing up to [1, 2, 3, 4 months] [4, 8, 12, 16 weeks] • Up to [1, 2, 3, 4 month] [4, 8, 12, 16 week] [Control] [Protection] [Killing Action] • Also Kills brown dog ticks, fleas and spiders • Water-based • No oily residue • No Greasy residue • Non-Staining • Unscented • No Mess • Low Odor • No lingering odor • no lasting odor • Kills scorpions, black widow spiders, brown recluse spiders and wolf spiders • Kills hidden bugs • Use Indoors and outdoors • Broad spray pattern to ensure full coverage • For Indoor and Outdoor use • Kills ants\* in seconds • Kills Spiders in seconds • New Formula! • Formulated to kill [Spiders] [ants\*] fast • [New] Faster killing [acting] formula • [New] longer lasting formula • Kills [even] hidden roaches • New Formula! • Our most effective formula ever! • New formula with more killing power • Our fastest killing formula ever • Keeps [killing] [working] for months • [Paralyzes and] kills spiders fast • Formulated to kill large spiders and scorpions • Shake well before using • Kills Ants\* for up to [1, 2, 3, 4 months] [4, 8, 12, 16 weeks] • Kills Argentine, southern, field, Allegheny mound, Florida carpenter, black carpenter, cornfield, honey, pavement and nuisance ants • Kills Carpenter Ants • Results Guaranteed\*\* • Guaranteed to Work or Your Money Back\*\* • Up to 5ft Targeted Spray • Up to 5ft Spray • Aids in preventing black widow spider egg hatch • Kills black widow spiders as they hatch

\*Excluding Harvester, Pharaoh, & Fire Ants

**Active Ingredients:**

Prallethrin.....	0.025%
Lambda-Cyhalothrin.....	0.030%
Other Ingredients* .....	99.945%

\*Contains petroleum distillates.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION** See back for additional precautionary statements.

**Net Wt 11 oz (312 g)**

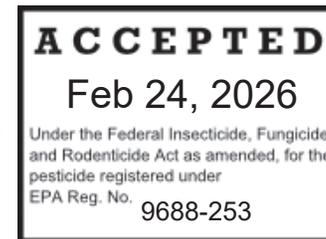
ETOC™ is a registered trademark of Sumitomo Chemical Company

For both indoor and outdoor use

{*OPTIONAL FORMAT A -Spider and Scorpion Aerosol*}

**Kills**

- Spiders [black widow, brown recluse, wolf ]
- Ants\*
- Brown dog ticks
- Cockroaches [Roaches]
- Crickets
- Scorpions
- Firebrats
- Fleas
- Palmetto Bugs
- Silverfish
- Sowbugs



\*Excluding Harvester, Pharaoh, & Fire Ants

[Kills black widow spiders, brown recluse spiders and scorpions.]

**Effective Spider Control**

[Spiders are not insects, they are arachnids.] [Chemsico Aerosol Insecticide AKR] [This product] has been [specifically] [formulated with a higher active ingredient level to kill scorpions and larger spiders] [formulated to control spiders with [a [unique] [fast-acting] [combination of] [ingredients that knock[s] down and kill[s] spiders quickly]. [It's] [This] [The] formulation is water-based, and non-staining, making it an effective solution for both indoor and outdoor use. [Spiders typically need to be sprayed directly to be killed] [as their long legs keep their bodies from coming in contact with treated surfaces]. [Spiders are likely to be found near their primary food source, insects and other small arthropods, so control of insects in and around the home is an effective means of reducing spider populations.] [Kills black widow, brown recluse and wolf spiders.]

[Like spiders,] scorpions eat spiders and insects, so treating for all insects is an effective method for their control.

**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. SHAKE WELL BEFORE EACH USE. Hold can upright. Test inconspicuous sample of fabric or rug for staining before use. *For residential use only.*

Do not allow to enter indoor or outdoor drains.

*No permita la entrada a desagües internos o externos.*



## INDOOR

Do not apply to carpets and hard surfaces as a pin stream or coarse spray treatment

### TO CONTROL:

**[BLACK WIDOW, BROWN RECLUSE, WOLF] SPIDERS, SCORPIONS, ANTS\*, COCKROACHES, SILVERFISH, CRICKETS, SOWBUGS, FIREBRATS, AND OTHER COMMON HOUSEHOLD PESTS:**

1. Contact as many insects as possible with the spray in addition to thoroughly treating all parts of the room where these pests may hide. Spray spiders and their webs directly.
2. Pay special attention to cracks, dark corners, hidden surfaces under sinks, behind stoves and refrigerators, food storage areas and wherever these pests are suspected. [Residual activity lasts up to four months.] [The treatment lasts up to four months.] [The treatment continues to work for up to four months.]
3. To kill **spiders** and prevent them from entering your home, spray around door and window frames, inside and outside. Spray upward to treat active spider webs. Do not remove spider webs and eggs sacs until spray has dried.
4. For **scorpions**, stand at a safe distance and completely cover the pests. *Scorpions must be contacted by the spray to be killed [Alternate: Scorpions must be sprayed directly to be killed.]*
5. To kill **ants\***, treat doors, around window frames, ant trails and other areas of entry.

## OUTDOOR

Do not apply directly to residential lawns and turf in residential settings (e.g., homes, parks, schools, athletic fields or any other area frequented by the general public).

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, and 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 groundcover that abuts the perimeter of the treated structure);

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, mulch or 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 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.

Do not apply when the wind speed is greater than 15 mph.

**TO KILL [BLACK WIDOW, WOLF, BROW RECLUSE] SPIDERS, SCORPIONS, ANTS\*, BROWN DOG TICKS, AND CRICKETS:**

1. Thoroughly spray infested weeds or bushy non-crop areas.
2. For **scorpions**, carefully remove accumulated firewood, lumber, and other materials where scorpions like to hide (be sure to wear work gloves.) Treat beneath and next to the infested areas. When directly treating scorpions, stand at a safe distance and thoroughly cover the pests. *Scorpions must be contacted by the spray to be killed. [Alternate: Scorpions must be sprayed directly to be killed.*
3. To kill **ants\***, thoroughly wet hills and runways.

\*Excluding Harvester, Pharaoh, & Fire Ants

*{Optional Marketing Language:}*

## Effective Spider Control:

- [Most spiders live 1-2 years.] [Most spiders can survive without food for several weeks to several months.] [There are over 38,000 species of spiders worldwide, with] about 3,500 [species of spiders] live in North America. [Many species of spiders are household pests.] [Spiders are likely to be found wherever their food is available.] [All spiders are predators, feeding mainly on insects and other small arthropods.] [In the United States, two spider groups that are considered dangerous to humans are the black widow and brown recluse spiders.] [Spiders typically need to be sprayed directly to be killed] [because their long legs keep their bodies from coming in contact with surfaces treated with insecticides].
- [Chemsico Aerosol Insecticide AKR] [This product] has been designed to quickly paralyze then kill spiders. [Spiders are not insects, they are arachnids.] [Effectively controlling spiders requires] [a different approach] [different techniques and formulations] [than controlling insects]. [The bodies of] [many common spider species are covered in fine hairs] [that can keep insecticides from reaching them], requiring a [course,] direct spray [to penetrate the covering] to kill them.
- All spiders are venomous. Although [the vast majority of species] [most species] in the US are harmless to humans, all should be treated with caution [to avoid injury through misidentification]. [To avoid injury from sprayed spiders, wait 20-30 minutes before discarding them to ensure that the spider is dead and not just paralyzed.]

*{OPTIONAL FORMAT B– Ant Killer Product}***Kills**

- Fleas
- Ants\*
- Brown dog ticks
- Silverfish
- Cockroaches [Roaches]
- Palmetto Bugs
- Crickets
- Spiders [brown recluse, wolf, black widow]
- Firebrats

**Effective Ant\* Control:**

[Chemsico Aerosol Insecticide AKR] [This product] has been specifically formulated to kill ants\* on contact. This clear formula is water-based, and non-staining, making it an effective solution for both indoor and outdoor use. [Formulated with a higher active ingredient level for severe ant\* infestations. [The formula has been] designed to [kill ants\* fast]. [Ants are normally found near water sources [(kitchens and bathrooms)] because most ants can live for [weeks without food but] only 1 day without water.]

\*Excluding Harvester, Pharaoh, & Fire Ants

**Use Chemsico Aerosol Insecticide AKR as a spot treatment indoors**

- Along & Under Baseboards [graphic depicting use]
- Around & Beneath Appliances [graphic depicting use]
- Beneath & Behind Sinks [graphic depicting use]
- On ant trails or areas where ants may enter home [graphic depicting use]

**Areas Where Ants and Other Insects Are Often Found**

- In cracks and crevices
- Around pipes and plumbing
- In dark corners of rooms, cabinets and closets
- Around waste containers

**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. SHAKE WELL BEFORE EACH USE. Hold can upright. Test inconspicuous sample of fabric or rug for staining before use. *For residential use only.*

Avoid contamination of food and drinking water. All food preparation surfaces and utensils should be covered during treatment or thoroughly washed before use. Remove pets and cover aquariums before spraying. Do not use on pets or allow people or pets to contact treated surfaces until spray has dried. Point spray away from people, pets and plants. Do not use as a room spray.

Do not allow to enter indoor or outdoor drains.

*No permita la entrada a desagües internos o externos.*

**INDOOR**

Do not apply to carpets and hard surfaces as a pin stream or coarse spray treatment

**TO CONTROL:**

**ANTS\*, COCKROACHES, CRICKETS, FIREBRATS, SILVERFISH, SOWBUGS, [BLACK WIDOW, BROWN RECLUSE, WOLF] SPIDERS, SCORPIONS, AND OTHER COMMON HOUSEHOLD PESTS:**

1. Contact as many insects as possible with the spray in addition to thoroughly treating all parts of the room where these pests may hide.
2. Pay special attention to cracks, dark corners, hidden surfaces under sinks, behind stoves and refrigerators, food storage areas and wherever these pests are suspected. [Residual activity lasts up to four months.] [The treatment lasts up to four months.] [The treatment continues to work for up to four months.]
3. To kill **ants\***, treat doors, around window frames, ant trails and other areas of entry.

**OUTDOOR**

Do not apply directly to residential lawns and turf in residential settings (e.g., homes, parks, schools, athletic fields or any other area frequented by the general public).

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, and 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 groundcover that abuts the perimeter of the treated structure);
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, mulch or 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 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.

Do not apply when the wind speed is greater than 15 mph.

#### **TO KILL ANTS\*, [BLACK WIDOW, BROWN RECLUSE, AND WOLF] SPIDERS, SCORPIONS, BROWN DOG TICKS, AND CRICKETS:**

1. Thoroughly spray infested weeds or bushy non-crop areas.
2. To kill **ants\***, thoroughly wet hills and runways.
3. For **spiders and scorpions**, carefully remove accumulated firewood, lumber, and other materials where spiders and scorpions like to hide (be sure to wear work gloves.) Treat beneath and next to the infested areas. When directly treating scorpions, stand at a safe distance and thoroughly cover the pests. *Scorpions must be contacted by the spray to be killed. [Alternate: Scorpions must be sprayed directly to be killed.*

#### **{Optional Marketing Language}**

Effective Ant\* Control:

- [Chemsico Aerosol Insecticide AKR] has been specifically formulated to kill ants\* on contact [indoors and outdoors]. In a [fast-acting] [unique] water-based formula that is non-staining with no oily residue, this insecticide [killing] [kills] ants\* fast.
- Ants use pheromones to communicate [with each other,] [following the pheromone trail leading to food and water]. Spraying the ant trail helps foraging ants come in contact with the insecticide.
- Ants enter the home in search of [food and] water [but are normally found near water sources (ie: kitchens and bathrooms,)] [This is] because most ants can live for [weeks without food but] only 1 day without water.

\*Excluding Harvester, Pharaoh, & Fire Ants

#### **{Storage and Disposal and Precautionary Statements for both Formats}**

#### **STORAGE AND DISPOSAL**

Store in cool, dry area away from heat or open flame. 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 disposal instructions.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION.** Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

### First Aid

**If Swallowed:** Immediately call a Poison Control Center or doctor. Do not induce vomiting unless told to do so 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 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 with you when calling a Poison Control Center or doctor, or going for treatment.

**Note to Physician:** Contains petroleum distillates – vomiting may cause aspiration pneumonia.

### Environmental Hazards

This product is toxic to fish. Do not apply directly to water.

### 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 temperature 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.

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

[\*\*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]

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

EPA Reg. No. 9688-253  
EPA Est. No. 9688-MO-1  
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