



**OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION**

WASHINGTON, D.C. 20460

November 17, 2025

Laura E. Radevski  
Technical & Regulatory Compliance Manager  
Chase Products Co.  
P.O. Box 70  
Maywood, IL 60153

Subject: Label Amendment - Registration Review Mitigation for Tetramethrin and Phenothrin  
Product Name: SPRAYPAK HOUSE & DECK FLYING INSECT KILLER FORMULA 2  
EPA Registration Number: 498-114  
Case Number: 482559 & 675739  
Application Dates: November 6, 2025

Dear Laura Radevski:

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 Phenothrin and Tetramethrin 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 Tiffany Green by phone at 919-541-2446, or via email at [green.tiffany@epa.gov](mailto:green.tiffany@epa.gov).

Sincerely,

A handwritten signature in dark ink, appearing to read "Kevin Costello". The signature is written in a cursive, flowing style.

Kevin Costello, Branch Chief  
Risk Management and Implementation Branch 2  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

CLEAN 11/06/25 S:/lara/epa/labels/498-114/10-23-25 Additional changes per EPA e-mail 9-20-25  
S:/lara/epa/labels/498-114/08-06-25 Revised Amended label/Tetramethrin/Phenothrin/Interim Registration Review Decision/ler  
8-13-25 Type of gloves corrected (e-mail from EPA). Additional language per e-mail from EPA on 8-6-2025

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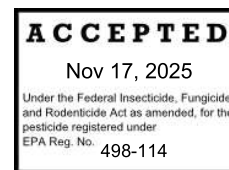
**FRONT PANEL — COMMERCIAL USE**

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***SPRAYPAK***

**HOUSE & DECK  
FLYING INSECT KILLER  
FORMULA 2**



**For both indoor and outdoor use.**

*[ ] indicates alternate or optional wording.*

For use in Non-Commercial Application in Non-Food Areas of Industrial Buildings: Schools, Warehouses, Office Buildings, Theatres, Garages, Motels and Hotels.

Kills mosquitoes that may carry West Nile Virus.

Continues to kill mosquitoes that land on treated surface for up to eight (8) hours.

Eight-hour control against West Nile Virus-infected mosquitoes.

Fog your yard [patio] for eight (8) hours of residual protection against mosquitoes that carry West Nile Virus.

Also Kills Listed Insects on Ornamental Plants.

**ACTIVE INGREDIENTS:**

Tetramethrin .....	0.20%
3-Phenoxybenzyl-(1RS, 3RS: 1RS, 3SR)-2,2- dimethyl-3-(2-methylprop-1-enyl) cyclopropanecarboxylate .....	0.20%
<b>OTHER INGREDIENTS:</b> .....	99.600%
Total	100.000%

MULTICIDE® - Registered trademark of McLaughlin Gormley King Co.

EPA Reg. No. 498-114-XXXXX

EPA Est. No. 498-IL-1

**NET WT XX oz (XXX g)**

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

Read precautions on back of can.

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FRONT PANEL — **RESIDENTIAL USE**

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***SPRAYPAK***

**HOUSE & DECK  
FLYING INSECT KILLER  
FORMULA 2**

**For both indoor and outdoor use.**

*[ ] indicates alternate or optional wording.*

For use in homes [Residential]

Kills mosquitoes that may carry West Nile Virus.

Continues to kill mosquitoes that land on treated surface for up to eight (8) hours.  
Eight-hour control against West Nile Virus-infected mosquitoes.

Fog your yard [patio] for eight (8) hours of residual protection against mosquitoes that carry West Nile Virus.

Also Kills Listed Insects on Ornamental Plants.

**ACTIVE INGREDIENTS:**

Tetramethrin .....	0.20%
3-Phenoxybenzyl-(1RS, 3RS: 1RS, 3SR)-2,2- dimethyl-3-(2-methylprop-1-enyl) cyclopropanecarboxylate .....	0.20%
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**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

Read precautions on back of can.

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## BACK PANEL – COMMERCIAL USE LABEL

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### **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION**

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

### **USER SAFETY REQUIREMENTS**

#### **Personal Protective Equipment (PPE)**

Applicators and other handlers must wear long-sleeved shirt, long pants and shoes, socks and Chemical resistant gloves: Barrier laminate, Nitrile Rubber  $\geq$  14 mils, Neoprene Rubber  $\geq$  14 mils, Viton  $\geq$  14 mils

Follow manufacturer's instructions for cleaning/maintaining PPE. If such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

### **FIRST AID**

**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.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call the International Poison Center at 1-888-740-8712.

### **ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to aquatic organisms, including fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to inter-tidal areas below the mean high water mark.

### **PHYSICAL & 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.

## DIRECTIONS FOR USE

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

## USE RESTRICTIONS

Avoid contamination of food. Remove pets, birds, and cover fish aquariums and ornamental fish ponds before spraying, and turn aquarium systems off.

Spot treatments must not exceed two square feet in size (for example, 2 ft. 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 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.

Do not apply 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 to enter indoor or outdoor drains.

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

Follow proper disposal procedures on this label

*Siga las indicaciones del etiquetado para el desecho apropiado del producto.*

## SHAKE WELL BEFORE USE. HOLD CONTAINER UPRIGHT. APPLY IN SHORT BURSTS.

**OUTDOORS:** 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.

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 use on edible crops. 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. 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;
3. 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.

Spray area infested with these flying insects (***FLIES, GNATS, MOSQUITOES AND SMALL FLYING MOTHS***). Remove all exposed food and cooking utensils. Cover all food handling surfaces or wash thoroughly after treatment and before use. Hold container 18-24 inches from shrubs, bushes and grassy areas. Spray these areas with a slow, sweeping motion at a rate of 1 to 3 seconds per cubic yard of space while moving away from the treated areas. To reduce annoyance from these pests, treat open porches and patio in a similar manner. Spray only when the air is still. Allow spray to dissipate before occupying the treated area.

When sprayed directly on insects, this spray will kill the insects listed (***EASTERN TENT CATERPILLARS, APHIDS, CANKERWORMS, LEAFHOPPERS, WHITE FLIES, SPIDER MITES, JAPANESE BEETLES, MEALYBUGS, ANTS, CATERPILLARS AND BOX ELDER BUGS***), on ornamental cherry, spirea, roses, crepe myrtle, ornamental crabapple, andromeda, azaleas, chrysanthemums, gardenias, purple passion vine, peonies, oleander and arborvitae. Caution should be taken when spraying tender growth on young plants. WHEN SPRAYING, HOLD CAN 18-20 INCHES FROM PLANT. For best results, spray in the evening or on a cloudy day when the air is still. Mist the plants lightly. Use a slow, sweeping motion. Avoid wetting foliage with spray. Spray rows at a rate of 1 foot per second. For heavy growth, spray both sides of row. Do not spray when temperature exceeds 90°F. Do not apply when the wind speed is greater than 15 mph.

**TO KILL *FLIES, GNATS, MOSQUITOES AND SMALL FLYING MOTHS*:** Close all doors and windows and direct spray upward into center of room with a slow, sweeping motion. Spray 5-10 seconds for average room. Keep room closed for 15 minutes after spraying. Sweep up and destroy fallen insects. Before spraying, cover exposed food and utensils.

**TO KILL *ANTS, CENTIPEDES, COCKROACHES, CRICKETS, FIREBRATS, SOWBUGS AND SPIDERS*:** Contact as many insects as possible with the spray in addition to thorough spraying of all parts of the room suspected of harboring these pests. Special attention should be paid to cracks, hidden surfaces under sinks, behind stoves and refrigerators, food storage areas and wherever these pests are suspected of hiding. To kill ants, treat doors, around window frames, ant trails and other areas of entry.

**TO KILL *CARPET BEETLES*:** Directly spray as many insects as possible. Spray both interior and exterior of upholstered furniture. Both top and bottom of rugs and carpets should be sprayed thoroughly. Also treat shelves, closets, areas under furniture and wherever these insects are seen or suspected.

**TO KILL EXPOSED FORMS OF *CONFUSED FLOUR BEETLES, RICE WEEVILS AND SAW-TOOTHED GRAIN BEETLES*:** Find and destroy infested package goods. Remove all other items from pantry. Spray the shelves to kill any of the named insects present. Place clean paper on the shelves and return packages after shelves have dried.

**TO KILL *FLEAS AND TICKS* IN PET BEDDING AND PET AREAS:** Remove and destroy pet's old bedding. To reduce infestation, thoroughly spray the animal's bedding, sleeping quarters, around baseboards, window and door frames, wall cracks, local areas of floors, and other resting places until the surface is slightly moist. Treat these areas at the rate of two seconds per linear foot at a distance of 12 to 18 inches. Also spray the entire inside surface of doghouses. Put fresh bedding

in pet's quarters after spray has dried.

**DO NOT SPRAY ANIMALS.** Also treat dogs and cats with a registered flea and tick control product before allowing them to reenter treated area.

**TO TREAT *FLEA AND TICK* INFESTATION IN RUGS AND CARPETS:** Spray rugs and carpets where fleas tend to hide. If used on light or delicate upholstery fabrics, test for potential staining in an inconspicuous place prior to use. Spray thoroughly into hiding places such as cracks and crevices in walls and floors, along baseboards, window and door frames. Spray at the rate of one square foot per second.

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## BACK PANEL – RESIDENTIAL USE LABEL

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### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

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

### FIRST AID

**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.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call the International Poison Center at 1-888-740-8712.

### ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to inter-tidal areas below the mean high water mark

### PHYSICAL & 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.

### DIRECTIONS FOR USE

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



Avoid contamination of food. Do not use in commercial food-processing or preparation areas. In the home, all food-processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Cover exposed food. Remove pets, birds, and cover fish aquariums and ornamental fish ponds before spraying, and turn aquarium systems off.

Spot treatments must not exceed two square feet in size (for example, 2 ft. 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 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.

Do not apply 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.



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Do not use on edible crops. All outdoor spray applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

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Spray area infested with these flying insects (***FLIES, GNATS, MOSQUITOES AND SMALL***

***FLYING MOTHS***). Remove all exposed food and cooking utensils. Cover all food handling surfaces or wash thoroughly after treatment and before use. Hold container 18-24 inches from shrubs, bushes and grassy areas. Spray these areas with a slow, sweeping motion at a rate of 1 to 3 seconds per cubic yard of space while moving away from the treated areas. To reduce annoyance from these pests, treat open porches and patio in a similar manner. Spray only when the air is still. Allow spray to dissipate before occupying the treated area.

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**TO KILL *FLEAS AND TICKS* IN PET BEDDING AND PET AREAS**: Remove and destroy pet's old bedding. To reduce infestation, thoroughly spray the animal's bedding, sleeping quarters, around baseboards, window and door frames, wall cracks, local areas of floors, and other resting places until the surface is slightly moist. Treat these areas at the rate of two seconds per linear foot at a distance of 12 to 18 inches. Also spray the entire inside surface of doghouses. Put fresh bedding in pet's quarters after spray has dried. DO NOT SPRAY ANIMALS. Also treat dogs and cats with a registered flea and tick control product before allowing them to reenter treated area.

**TO TREAT *FLEA AND TICK* INFESTATION IN RUGS AND CARPETS:** Spray rugs and carpets where fleas tend to hide. If used on light or delicate upholstery fabrics, test for potential staining in an inconspicuous place prior to use. Spray thoroughly into hiding places such as cracks and crevices in walls and floors, along baseboards, window and door frames. Spray at the rate of one square foot per second.

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BOTTOM OF LABEL

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-----TOP OF BOX-----  
**STORAGE & DISPOSAL**

Do not contaminate water, food or feed by storage and disposal.  
Do not pour or dispose down the drain or sewer.

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

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** DO NOT PUNCTURE OR INCINERATE!

**If empty:** Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency for local disposal options.

-----BOTTOM OF BOX-----

THE USER OF THIS PRODUCT ASSUMES ALL RISKS OF USE, STORAGE AND HANDLING NOT IN ACCORDANCE WITH ITS DIRECTIONS AND CAUTIONS.

[OPTIONAL NO-CFCs GRAPHIC]

[OPTIONAL MADE IN USA GRAPHIC]

[OPTIONAL UPC SYMBOL]

**CHASE LOGO**

Putting the best at your fingertips.®  
P.O. Box 70 – Maywood, IL 60153  
[www.chaseproducts.com](http://www.chaseproducts.com)

8-XXXX

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BOTTOM OF LABEL

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