



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

April 11, 2024

Prince Bamaze  
Regulatory Affairs  
Sergeant's Pet Care Products, LLC  
10077 South 134th Street  
Omaha, NE 68138-3710

Subject: Label Amendment - Registration Review Mitigation for Permethrin  
Product Name: Zema Residual Flea and Tick Spray for Dogs and Cats  
EPA Registration Number: 2517-120  
Application Date: 2/4/2021  
Decision Number: 570585

Dear Prince Bamaze:

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 Permethrin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

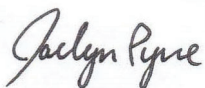
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded 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 Carolyn Smith by phone at 202-566-2273, or via email at [smith.carolyn@epa.gov](mailto:smith.carolyn@epa.gov).

Sincerely,

A handwritten signature in black ink that reads "Jaclyn Pyne". The signature is written in a cursive style with a large initial "J".

Jaclyn Pyne, Team Leader  
Risk Management and Implementation Branch 3  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

# Sergeant's Pet Care Products

# Master Label

04 February 2021 - Amendment  
Per Re-evaluation ID

V21.1  
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EPA Reg. No. 2517-120  
Supersedes EPA SAL 01/08/2004

**FRONT PANEL**

**Flea & Tick Spray for Dogs  
Pyrethrin + Permethrin**

## ZEMA RESIDUAL FLEA & TICK SPRAY FOR DOGS

- A RESIDUAL INSECTICIDE THAT KILLS FLEAS & TICKS
- KILLS FLEAS & TICKS ON DOGS & PUPPIES
- KILLS TICKS UP TO 7 DAYS
- KILLS FLEAS UP TO 14 DAYS

### ACTIVE INGREDIENTS:

Pyrethrins [CAS #8003-34-7].....	0.056%
<sup>1</sup> Permethrin [CAS # 52645-53-1].....	0.050%
Related compounds.....	0.004%
<b>OTHER INGREDIENTS:</b> .....	<u>99.890%</u>
<b>TOTAL</b>	<b>100.000%</b>

<sup>1</sup>cis/trans isomer ratio: Min 35% (+/-) cis and Max 65% (+/-) trans

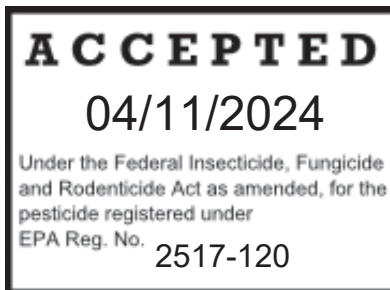
**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**SEE BACK/SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS**

Net Contents: 8 fl oz (237mL)

**{END - FRONT PANEL}**



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# Master Label

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**BACK/SIDE PANEL**

**Flea & Tick Spray for Dogs  
Pyrethrin + Permethrin**

**READ ENTIRE LABEL BEFORE EACH USE  
FOR USE ON DOGS ONLY**

**PREACUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION**

**HAZARDS TO HUMANS:** Harmful if swallowed. Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Avoid contamination of food and foodstuffs. Cover fish aquariums before spraying.

**HAZARD TO DOMESTIC ANIMALS. FOR USE ON DOGS AND PUPPIES**

Do not use on puppies under 12 weeks of age. Do not spray in eyes, face or genitalia. Do not reapply more often than once every 3 days.

Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing animals.

Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

**FIRST AID**

<b>If Swallowed:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li></ul>

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- Call a poison control center or doctor for further treatment advice.

## HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-781-4738 for emergency medical treatment information.

## PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

## DIRECTIONS FOR USE

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

## SHAKE WELL BEFORE USE

Hold container upright. Spray the dog from a distance of 8 to 12 inches. Apply at a rate of 2 seconds per pound of body weight for thin or short-haired dogs and up to 8 seconds per pound of weight for heavy or long-haired dogs. Start spraying at the tail, moving the dispenser rapidly and making sure that dog's entire body is covered, including the legs and under the body. As you spray, fluff the hair so the spray will penetrate to the skin. Make sure spray wets ticks thoroughly. This product kills fleas up to 14 days and ticks up to 7 days on dogs. Do not spray in dog's eyes, face or genitalia. Do not reapply product for three days. Do not use on puppies under 12 weeks of age. Application of product on pets must only be done indoors.

## STORAGE AND DISPOSAL

**STORAGE:** Store in original container in a cool, dry place inaccessible to children or pets and away from open flame.

**DISPOSAL: If empty:** Do not reuse this container. 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.

[If you have questions or comments about this product, please write: Sergeant's Consumer Response, P.O. Box 540399, Omaha, NE 68154-0399.]

In Case of Emergency, call: 1-800-781-4738  
Non-Emergency call: 1-800-224-PETS (7387)  
[Made in USA]

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EPA Reg. No. 2517-120  
EPA Est. No. XXXXX-XX-XX  
[lot, date & label code] [UPC CODE]

Manufactured by [for]: [Distributed by:]  
Sergeant's Pet Care Products, LLC  
P.O. Box 540399  
Omaha, NE 68154-0399

**{END - BACK/SIDE PANEL}**