Equine Fly & Mosquito Aerosol

Active Ingredients:

**Pyrethrins 0.50%**  
*Piperonyl butoxide, Technical  5.00%  
OTHER INGREDIENTS  94.50%  
100.00%

*Equivalent to 4.00% (butylcarbityl)(6-propylpiperonyl) ether and 1.00% related compounds

Equine Fly & Mosquito Spray: Equine Ready-to-Use Spray

Active Ingredients:

*Permethrin *(3-phenoxyphenyl) Methyl (+ or -)

Cis-trans-3(2,2 dichloroethenyl) 2, 2

Dimethylcyclopropanecarboxylate) 0.25%

OTHER INGREDIENTS .99.75%

100.00%

*Cis-trans isomers ratio: Min. 35% (+ or -) cis and Max. 65% (+ or -) trans.

Equine Fly & Mosquito Concentrate

Active Ingredients:
*Permethrin (*3-phenoxyphenyl) Methyl (+ or -) cis-trans-3(2,2 dichloroethenyl) 2,2

Dimethylcyclopropanecarboxylate 2.50%

OTHER INGREDIENTS 97.50%

100.00%

* cis-trans isomers ratio: Min. 35% (+ or -) cis and Max. 65% (+ or -) trans.

EFMS Concentrate

**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. READ ENTIRE LABEL BEFORE EACH USE. THIS PRODUCT MUST BE DILUTED PRIOR TO USE.**

This insecticide concentrate, when diluted, can be used on horses & ponies as a spray and will provide control for up to 4 weeks.

Kills stable flies, horse flies, deer flies, face flies, house flies, horn flies, mosquitoes, and gnats. **NOTE:** Do not use on foals under 3 months of age.

To prepare dilutions, add the required amount of concentrate to water and blend thoroughly.

<table>
<thead>
<tr>
<th>Dilution Rates</th>
<th>Rate Concentrate/Water</th>
<th>Oz. Concentrate per Gallon of Water</th>
<th>Teaspoons per Gallon of Water</th>
<th>Permethrin Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance Use:</td>
<td>1 part concentrate in 100 parts water</td>
<td>1.28 ounces per gallon of water</td>
<td>8 teaspoons per gallon of water</td>
<td>0.025%</td>
</tr>
<tr>
<td>Normal Infestations:</td>
<td>2 parts concentrate in 100 parts water</td>
<td>2.56 ounces per gallon of water</td>
<td>16 teaspoons per gallon of water</td>
<td>0.050%</td>
</tr>
<tr>
<td>Severe Infestations:</td>
<td>4 parts concentrate in 100 parts water</td>
<td>5.12 ounces per gallon of water</td>
<td>32 teaspoons per gallon of water</td>
<td>0.100%</td>
</tr>
</tbody>
</table>

**TO CONTROL: STABLE FLIES, HORSE FLIES AND DEER FLIES:** Apply a quart per adult animal as a wipe or spray to wet the hair thoroughly with particular attention to the legs, flanks, barrel, topline and
other body areas commonly attacked by those flies. Repeat daily as needed.

**TO CONTROL: HORN FLIES, HOUSE FLIES, MOSQUITOES AND GNATS:** Apply as a wipe or spray to wet the hair thoroughly with particular attention to topline, underline, flanks, withers and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers.

**TO CONTROL: FACE FLIES:** Avoid contact with eyes. Apply as a wipe or by using a spray that produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face, but not more than 1½ ounces per animal. Repeat daily as needed.

**TO CONTROL: FLEAS, TICKS, LICE AND MANAGE MITES (adults and larvae) on horses:** Thoroughly wet the animal by dipping, sponging or spraying. Allow animal to dry in a warm place without rinsing or toweling. Gives long-lasting protection against reinestestation. Repeat applications at intervals of 2-3 weeks. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing animals.

**ANIMAL PREMISE USE IN HORSE BARNs:** To control Flies, Mosquitoes, Meal Worms, Darkling Beetles and Gnats: Apply as a fog or fine mist, directing the spray toward the ceiling and upper corners until the area is filled with mist. Use about 2 ounces per 1,000 cubic feet of space. For best results, close doors and windows before spraying and keep closed for 10 to 15 minutes. Vacate the treated area and ventilate before reoccupying.

**TO CONTROL: FLEAS, FLIES, TICKS, LICE AND MANAGE MITES (adults and larvae) in kennels, dog houses, runs and yards:** Thoroughly wet pest breeding or resting area to runoff. Most efficient pest control is accomplished when heavy pressure and good contact is achieved. Base timing and frequency of application on pest populations reaching nuisance levels, however manure removal and sanitation practices should precede sprays. Do not spray feed, food or water. Repeat as needed, but not more often than once every 2 weeks.

**STORE AND DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. **Storage:** Store in a cool, dry place, preferably a locked storage area. Store above freezing. Do not store diluted spray. Store with container tightly closed. Keep pesticide in original container; do not transfer to food or drink container. **Avoid contamination of food, feed, and domestic water supplies. Container Disposal:** If empty: Do not reuse this container. Place in trash or offer for recycling if available. If
partly filled: call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

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 Swallowed: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. 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 1-888-740-8712.

PRECAUTIONARY STATEMENTS: Hazards to Humans and Domestic Animals. Caution: May be harmful if absorbed through skin. 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.

Environmental Hazards: This pesticide is extremely toxic to fish. For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. This product 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: Do not apply this product around electrical equipment due to possible shock hazard.

EFMS RTU

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

READ ENTIRE LABEL BEFORE EACH USE. FOR PETS, USE ONLY ON DOGS, HORSES AND PONIES. Sensitivities may occur after using ANY pesticide product for pets. If signs or sensitivity occur bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately. Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant or nursing animals.
SHAKE WELL BEFORE USING

Protect Horses & Ponies from attacks of Stable Flies, Horse Flies, Deer Flies, Face Flies, House Flies, Horn Flies, Mosquitoes, and Gnats. Controls Pests up to 4 weeks. Do not use on foals under 3 months of age.

To Protect Horses & Ponies from attacks of STABLE FLIES, HORSE FLIES, DEER FLIES, FACE FLIES, HOUSE FLIES, HORN FLIES, MOSQUITOES, AND GNATS. Spray on each side being careful to spray back, withers and forelegs thoroughly. To protect from FACE FLIES spray the face and head, but do not spray into eyes. Repeat treatment when flies are troublesome. Wipe-On: Remove excess dust and dirt. Spray product on clean cloth and wipe animal, being careful to treat back, withers, and forelegs. To protect from face flies, apply to face and head but avoid contact with eyes.

To Control Fleas, Ticks and Lice on dogs: Starting at the tail, stroke against the lay of the hair, spraying the parted fur in short bursts, directly behind the hand to ensure penetrating the coat. Dampen the fur up to the head. Do not spray directly in/on eyes, mouth or genitalia of pets. Repeat application weekly if necessary to control infestations. Note: Do not use on puppies less than 12 weeks old.

To Kill Lice and Louse Eggs: Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying, then proceed to spray entire area to be treated. Hold container upright with nozzle away from you. Spray from a distance of 8 to 10 inches. Spray each square food for three seconds. Spray only those garments and parts of bedding, including mattress and furniture that cannot be either laundered or dry cleaned. Allow all sprayed articles to dry thoroughly before use. Do not treat blankets, sheets, pillows, pillow cases or mattress covers.

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

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry area. Do not transport or store below 32°F. DISPOSAL: If empty: Do not reuse this container. Place in trash or offer for recycling if available. If partly filled:
Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

FIRST AID:

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. IF IN EYES: 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. 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 SWALLOWED: Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person. 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.

PRECAUTIONARY STATEMENTS: Hazards to Humans and Domestic Animals

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

Environmental Hazards: This product is toxic to fish. For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate.

Physical or Chemical Hazards: Do not use this product in or on electrical equipment due to the possibility of shock hazard.

EFMS Aerosol

Kills and repels Stable Flies, Horse Flies, Face Flies, Deer Flies, House Flies, Mosquitoes and Gnats.
For use on: Horses, Beef Cattle, Diary Cattle, Hogs, Chickens, and other livestock.


Directions for Use: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

READ ALL DIRECTIONS COMPLETELY BEFORE USE.

SHAKE BEFORE USE AND AT INTERVALS DURING PROLONGED USE.

Hold container upright with nozzle away from face. Press valve down and spray as directed.

FOR MOST EFFECTIVE RESULTS, FOLLOW DIRECTIONS FOR SPECIFIC USE AREAS

FOR USE IN ANIMAL QUARTERS: Barns, dairies, milking parlors, milking rooms, poultry houses, and other listed animal areas: For rapid control of Flies, Mosquitoes, Gnats, Stable Fly, House Fly, Horse Fly, Lesser House Fly, Deer Fly, Horn Fly, Black Fly. Spray at the rate of 5 to 10 seconds per 1,000 cubic feed of space directing the spray toward the ceiling and upper corners and not directly towards the animals or birds. For best results, close doors and windows if possible, before spraying and keep them closed for 10 to 15 minutes. Applicator should vacate the treated area and ventilate prior to returning.

FOR USE ON LIVESTOCK: To protect horses, beef cattle, dairy cattle and other livestock from attacks and to kill and repel Stable Flies, Horse Flies, Deer Flies, House Flies, Horn Flies, Lesser House Flies, Mosquitoes and Gnats, spray about 3 seconds on each side being careful to spray back, withers and forelegs thoroughly.

To Protect from Face Flies, spray the face and head or spray on a cloth and run on the face being certain to avoid contact with the eyes. Repeat treatment as necessary when flies are troublesome.

For effective control of biting and sucking lice on cattle, horses, sheep, goats and hogs, spray to thoroughly wet the hair of the animal including the head and brush of the tail. Repeat treatment in 10
days to kill newly hatched lice.

To control poultry lice and exposed stages of Darkling Beetles, spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.

For control of bedbugs and mites on poultry and in poultry houses, spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide. This should be followed by spraying over the birds with a fine mist.

To control sheep “tick” or ked, thoroughly wet all portions of the body by spraying directly into the wool. Treat at a rate to sufficiently wet the animal.

To kill fleas and Ixodid ticks on livestock and to obtain protection against reinfestation, spray to thoroughly wet animal.

SURFACE TREATMENT INDOORS:

Fleas and Ticks: For use in listed pet areas. Remove and either launder or destroy pet’s old bedding. To reduce infestation, thoroughly spray the animal’s clean bedding, sleeping quarters, kennel, 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 the 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. Allow treated areas to dry thoroughly before allowing pets to re-enter. For best results, pets should be treated with an EPA registered flea and tick control product before they return to the treated area. DO NOT TREAT PETS WITH THIS PRODUCT.

STORAGE AND DISPOSAL: Do not contaminate water, food, or feed by storage or disposal.

Storage: Store in a cool, dry place away from children, preferably a secure storage area.

Disposal: 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 or 1-800-CLEANUP for disposal instructions.

PRECAUTIONARY STATEMENTS: Hazards to Humans and Domestic Animals.

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or
frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Avoid contamination of food or feedstuffs.

Environmental Hazards: for terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

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 possibility of shock hazards.

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.

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 1-88-740-8712.