



Permethrin® II

An emulsifiable animal and premises spray with 30-day residual effects

ACTIVE INGREDIENT

Permethrin (CAS No. 52645-53-1).....	10.0%
OTHER INGREDIENTS*.....	90.0%
Total.....	100.0%

*Contains petroleum distillates

Contains 0.75 lb permethrin per gallon

EPA Reg. No. 11556-166

Keep Out of Reach of Children

CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse. 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.

ENVIRONMENTAL HAZARDS: This pesticide is extremely toxic to fish. Use with care when applying to areas adjacent to any body of water. 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 by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

FIRST AID	
If swallowed	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. 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	<ul style="list-style-type: none"> 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 in eyes	<ul style="list-style-type: none"> 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 inhaled	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
HOTLINE 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 1-800-422-9874 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING

GENERAL PRECAUTIONS AND RESTRICTIONS

Mix PERMECTRIN II and apply the use-diluted material to animals and pest breeding or resting surfaces at the rates shown on application instructions. These dilutions and rates will provide most efficient pest control under conditions of heavy pressure when good contact is achieved. Timing and frequency of applications should be based on pest populations reaching nuisance levels, but accompanying manure removal and sanitation practices should precede sprays. Do not spray feed, food or water. Do not repeat treatment for 2 weeks. Wash udders thoroughly before milking. Consult a veterinarian before using product on debilitated, aged, medicated, pregnant or nursing animals. Do not use this product on dogs under 12 weeks old.

INDICATIONS

READ ENTIRE LABEL BEFORE EACH USE. USE ONLY ON DOGS AND THEIR PREMISES, HORSES, BEEF AND DAIRY CATTLE, SWINE, SHEEP AND POULTRY, AND THEIR PREMISES.

Kills flies, fleas, lice, mites, and ticks including deer ticks (carrier of Lyme disease). Aids in control of cockroaches, mosquitoes and spiders.

BUYER GUIDE: The following statements are made as a general guide to quantity of pesticide required for various applications. See chart for complete directions on dilution and use.

Premises Use as a Spray or Fog: 8 oz. makes 6.25 gal., 1 qt. makes 25 gal. of ready-to-use spray when mixed with water or oil.

Large Animal Use: Mix 8 oz. in 5 gal. or 1 qt. in 20 gal. of oil for backrubbers and oilers; mix 2 oz. in 1 gal. of oil or water for spot application; mix 8 oz. in 50 gal. or 1 qt. in 200 gal. of water as a spray for beef or dairy cattle and horses.

Swine, Sheep, Poultry and Dog Use: Mix 8 oz. in 25 gal. or 1 qt. in 100 gal. of water as a spray, paint or dip for swine, sheep and dogs; mix 8 oz. in 12.5 gal. or 1 qt. in 50 gal. of water and spray ½ oz. per bird or 1 gal. per 100 birds for poultry.

APPLICATION INSTRUCTIONS

APPLY TO: PESTS ON FARM PREMISES

(BARN, DAIRIES, LOAFING SHEDS, MILKING PARLORS, FEEDLOTS, STABLES, PADDOCKS, POULTRY AND LIVESTOCK HOUSING)

Target Pests	Application Instructions
House Flies, Stable Flies, Lesser House Flies and other manure breeding Flies, Fleas, Lice, Mites, Ticks, including Deer Ticks (carrier of Lyme disease). Aids in control of Cockroaches, Mosquitoes and Spiders.	<p>Spray Application: Mix 1 qt. in 25 gal.; 8 oz. in 6.25 gal.; 1-1/3 oz (40 mL) in 1 gal of water.* Spray all surfaces to run-off with diluted emulsion using 1 gal. per 750 sq. ft.</p> <p>Mist Blower: Use undiluted in mist blower. Mist at 4 oz. per 1,000 sq. ft.</p> <p>Power Fogger: Mix 1 qt. in 25 gal.; 1-1/3 oz. (40 mL) in 1 gal. of oil or water.* Fog at 4 oz. per 1,000 sq. ft.</p>

*1 oz. is equivalent to 2 tablespoons or 30 mL

APPLY TO: PESTS ON LARGE ANIMALS

(DAIRY OR BEEF CATTLE AND HORSES)

Target Pests	Application Instructions
Face Flies, Horn Flies, Horse Flies	Backrubber: Animals self-apply. Mix 1 qt. in 20 gal.; 8 oz. in 5 gal.; 1.6 oz (48 mL) in 1 gal. of mineral oil or a non-irritating organic oil. Recharge backrubber oiler as needed.
Face Flies, Horn Flies, Horse Flies, Stable Flies, Mosquitoes, Lice, Mites, Ticks, including Deer Ticks (carrier of Lyme disease)	<p>High Pressure Sprayers: Mix 1 qt. in 200 gal. or 8 oz. in 50 gal. of water. Spray to thoroughly cover entire animal. Apply from ½ to 1 gal. of spray per animal. For lice or mites, a second treatment is recommended 14-21 days later.</p> <p>Hand, Garden or Low Pressure Sprayer: Mix 8 oz. in 3 gal.; 2.5 oz. (75 mL) in 1 gal. or 2/3 oz. (20 mL) in 1 qt. water. Spray each animal with up to 8 oz. of mixed spray. For lice or mites, a second treatment is recommended 14-21 days later.</p>
Ear Ticks, Face Flies, Horn Flies	Spot Application: Mix 2 oz. (60 mL) in 1 gal. of mineral oil or non-irritating organic oil or water. Apply ½ oz. per ear or 2-4 oz. on face or 12-16 oz. along the backbone.

APPLY TO: PESTS ON SWINE, SHEEP, POULTRY AND DOGS ONLY

(DO NOT SHIP SWINE FOR SLAUGHTER WITHIN 5 DAYS OF LAST TREATMENT)

Target Pests	Application Instructions
Mange Mites	Mix 1 qt. in 100 gal.; 8 oz. in 25 gal.; 1 oz. (30 mL) in 3 gal. of water. Spray or dip animals. Retreat after 14 days spraying walls and floor and replace bedding to kill late hatching, developing stages. Do not reapply product for 2 weeks.
Blow Flies, Mosquitoes, Hog Lice, Fleas, Ticks, including Deer Ticks (carrier of Lyme disease)	Mix 1 qt. in 100 gal.; 8 oz. in 25 gal.; 1 oz. (30 mL) in 3 gal. of water. Spray, paint or dip to apply 1 pint per dog, pig or sheep, especially around ears. Do not reapply for 2 weeks.
Poultry Mites	Mix 1 qt. in 50 gal.; 8 oz. in 12.5 gal.; 2 oz. (60 mL) in 3 gal. of water. Spray ½ oz per bird or 1 gal. per 100 birds, directed toward vent area. Spray cages.

*1 oz. is equivalent to 2 tablespoons or 30 mL.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Keep container sealed when not in use. Protect from freezing. In case of spill on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area and dispose of in accordance with state and local regulations.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available.

SUPPLIED:

8 oz. (237 mL)
1 Quart (946 mL)

LIMITED WARRANTY AND LIMITATION OF DAMAGES

Bayer HealthCare LLC, Animal Health Division, warrants that this material conforms to the chemical description on the label. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY, and no agent of Bayer is authorized to do so except in writing with a specific reference to this warranty. To the extent consistent with applicable law any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values, etc.

CONDITIONS OF SALE

The directions on this label were determined through research to be appropriate for the correct use of this product. This product has been tested under different environmental conditions both indoors and outdoors similar to those that are ordinary and customary where the product is to be used. Insufficient control of pests or plant injury may result from the occurrence of extraordinary or unusual conditions, or from failure to follow label directions. In addition, failure to follow label directions may cause injury to animals, man, and damage to the environment. To the extent permitted by applicable law, Bayer offers, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual environmental conditions, or failure to follow label directions are beyond the control of Bayer and are, therefore, the responsibility of the buyer.

Bayer HealthCare LLC, Animal Health Division
P.O. Box 390, Shawnee Mission, Kansas 66201, U.S.A.

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