



Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2014-2016 LIC. NO. **9554.138**



Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2011-2013 LIC. NO.



PERMETHRIN•10

LIVESTOCK & PREMISE SPRAY

*For Use On Livestock:
Cattle (Beef and Dairy), Goats,
Sheep, Swine, Horses and Poultry.*

- For Agricultural/Commercial Use
— Not for Household Use
- A Broad Spectrum Multi-Use
Insecticide

ACTIVE INGREDIENT:

Permethrin 10.0%

INERT INGREDIENTS: 90.0%

TOTAL 100.0%

Cis/trans ratio: Max. 65% (+/-)

trans and min. 35% (+/-) cis.

Contains petroleum distillates.



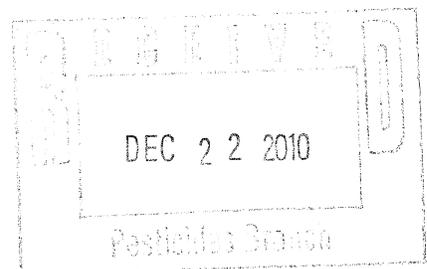
**KEEP OUT OF REACH
OF CHILDREN**

WARNING

*See back panel for First Aid
and additional
Precautionary Statements.*

929/4-2003

NET CONTENTS: ONE U.S. QUART (32 Fl. Oz.)





PERMETHRIN•10

LIVESTOCK & PREMISE SPRAY

For Agricultural/Commercial Use –
Not for Household Use

A Broad Spectrum Multi-Use Insecticide

*For Use On Livestock: Cattle (Beef and Dairy),
Goats, Sheep, Swine, Horses and Poultry.*

*See attached booklet for
Precautionary Statements
and Directions for Use
(including First Aid and
Storage and Disposal).*

929/9-2009 AP082809
EPA REG. NO. 2217-853
EPA EST. NO. 2217-KS-2



NET CONTENTS:
ONE U.S. QUART (32 Fl. Oz.)



QUART (32 FL. OZ.) SIZE



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**KEEP OUT OF REACH OF CHILDREN
WARNING**



**READ THE ENTIRE LABEL FIRST.
OBSERVE ALL PRECAUTIONS AND
FOLLOW DIRECTIONS CAREFULLY.**

FOR PET USE — USE ONLY ON DOGS

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: Harmful if inhaled. Causes moderate eye injury and skin irritation. Do not get on skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid breathing vapor or spray mist and contact with eyes. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling. Wear dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any R, P or HE filter for applying indoors as a space spray or fog.

First Aid	
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.
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. <p><i>(cont. on next page)</i></p>

First Aid (cont.)	
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 swallowed:	<ul style="list-style-type: none"> • 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.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For additional information in case of emergency, call toll free 1-877-800-5556.</p>	
Note to Physician and Veterinarians:	<ul style="list-style-type: none"> • Contains petroleum distillates – vomiting may cause aspiration pneumonia. • Do not administer or instill milk, cream or other substances containing vegetable or animal fats which enhance absorption of lipophilic substances.

ENVIRONMENTAL HAZARDS:

This product is highly toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the high water mark. Do not apply where runoff is likely to occur. Do not apply when wind speeds exceed 10 mph. Do not contaminate water when

disposing of equipment washwaters. Shrimp and crab may be killed if application rates recommended on this label are exceeded. Use with caution where these are important resources.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply this product or allow drift when bees are actively visiting treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

PHYSICAL OR CHEMICAL HAZARDS:

Combustible. Do not use or store near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

DIRECTIONS FOR USE

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

Shake or stir product thoroughly before using or reusing diluted emulsion. To prepare dilutions, the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water and blend thoroughly. Do not hold dilutions for more than 24 hours.

Do not allow spray treatment to contaminate pasture land, crop land, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture.

**ANIMAL PREMISE USE:
SURFACE SPRAY AND SPACE SPRAY FOR CATTLE BARNs,
SWINE HOUSES, POULTRY HOUSES, HORSE BARNs, DAIRIES,
MILKING PARLORS**

TABLE 1: AS SURFACE SPRAY	
APPLICATION SITES	PESTS CONTROLLED
FARM PREMISES (Barns, Dairies, Loafing Sheds, Milking Parlors, Feed Lots, Stables, Paddocks, Poultry and Livestock Housing.	Horse Flies, Stable Flies, Lesser House Flies and Other Manure Breeding Flies; Fleas; Lice; Mites; Ticks, Including Deer Tick. Aids In Control of Cockroaches, Mosquitoes, Spiders.
<p>USE DIRECTIONS: Observe (follow) application intervals greater than 2 weeks. Do not contaminate animal's feed or water by spray. Do not use in milk rooms. For maximum effectiveness, a combination of localized application and space treatment is recommended.</p> <p>DILUTION RATE: For <i>initial clean up</i> of severe insect infestation, dilute at a rate of 1 part concentrate in 19 parts water:</p> <p>Amount of Product per Water Volume 6.7 fl. ozs. – 1.0 gallon 8 fl. ozs. – 1.2 gallons 16 fl. ozs. (1 pt.) – 2.4 gallons 32 fl. ozs. (1 qt.) – 4.0 gallons</p> <p>For <i>normal infestations</i>, dilute 1 part concentrate in 100 parts water:</p> <p>Amount of Product per Water Volume 1.33 fl. ozs. – 1.0 gallon 8 fl. ozs. – 6.25 gallons 16 fl. ozs. (1 pt.) – 12.5 gallons 32 fl. ozs. (1 qt.) – 25.0 gallons</p> <p>APPLICATION RATE: Spray walls and surfaces thoroughly but do not allow runoff to occur; about 1 gallon per 750-1,000 sq. ft.</p>	

TABLE 2: AS A SPACE SPRAY	
APPLICATION SITES	PESTS CONTROLLED
Cattle Barns, Horse Barns, Swine Houses, Kennels, Milking Parlors, Milk Rooms, Dairies, Poultry Houses, Feed Lots, Stables, and Paddocks.	Flies, Mosquitoes, Gnats.
<p>USE DIRECTIONS: FOG OR FINE MIST: Direct the spray toward the ceiling and upper corners until the area is filled with mist. Use about 2 fl. oz. per 1,000 sq. ft. of space.</p> <p>For best results, close doors and windows before spraying and keep closed for 10-15 minutes. Vacate the treated area and ventilate before reoccupying. Observe (follow) application intervals greater than 2 weeks.</p> <p>For maximum effectiveness, a combination of localized application and space treatment is recommended.</p> <p>DILUTION RATE: Amount of Product per Water Volume 1.33 fl. ozs. – 1.0 gallon 8 fl. ozs. – 6.25 gallons 16 fl. ozs. (1 pt.) – 12.5 gallons 32 fl. ozs. (1 qt.) – 25.0 gallons</p> <p>APPLICATION RATE: Direct the spray toward the ceiling and upper corners until the area is filled with mist. Use about 2 fl. oz. per 1,000 sq. ft. of space.</p>	

**LIVESTOCK AND POULTRY USE:
DIRECT APPLICATIONS ON CATTLE (BEEF AND DAIRY), GOATS,
SHEEP, SWINE, HORSES, AND POULTRY**

TABLE 3: LIVESTOCK SPRAY	
APPLICATION SITES	PESTS CONTROLLED
Dairy or Beef Cattle, Horses, Sheep, and Goats.	Face Flies, Horn Flies, Stable Flies, Mosquitoes, Lice, Mites, Ticks, Including Deer Tick.
<p>USE DIRECTIONS: Spray to thoroughly cover entire animal. For lice or mites, a second treatment is recommended 14-21 days later. Spray lactating dairy cows only after milking is completed.</p> <p>DILUTION RATE:</p> <p>Amount of Product per Water Volume 8 fl. ozs. – 50 gallons 16 fl. ozs. (1 pt.) – 100 gallons 32 fl. ozs. (1 qt.) – 200 gallons</p>	

TABLE 4: LIVESTOCK SPRAY, SPOT TREATMENT	
APPLICATION SITES	PESTS CONTROLLED
Dairy or Beef Cattle, Horses, Sheep, and Goats.	Horn Flies, Face Flies, Stable Flies, Ear Ticks.
<p>USE DIRECTIONS: SPOT TREATMENT - LOW PRESSURE SPRAY: Apply ½ fl. oz. per ear or 2-4 fl. oz. on face or 12-16 fl. oz. along backline.</p> <p>DILUTION RATE:</p> <p>Amount of Product per Water Volume 2 fl. ozs. – 1.0 gallon 16 fl. ozs. (1 pt.) – 2.5 gallons 32 fl. ozs. (1 qt.) – 5.0 gallons</p>	

TABLE 5: LIVESTOCK SPRAY, BACK RUBBER	
APPLICATION SITES	PESTS CONTROLLED
Dairy or Beef Cattle, Horses, Sheep, and Goats.	Face Flies, Horn Flies, Horse Flies, Ear Ticks.
<p>USE DIRECTIONS: BACK RUBBER: Recharge backrubber as needed. Spray lactating dairy cows only after milking is completed.</p> <p>DILUTION RATE: Amount of Product per Water Volume 8 fl. ozs. – 5 gallons 16 fl. ozs. (1 pt.) – 10 gallons 32 fl. ozs. (1 qt.) – 20 gallons</p>	

TABLE 6: LIVESTOCK SPRAY, SWINE	
APPLICATION SITES	PESTS CONTROLLED
Swine (Do not ship swine for slaughter within 5 days of last treatment.)	Mange Mites
<p>USE DIRECTIONS: Spray, dip or sponge animals. Retreat after 14 days, spraying walls and floor and space bedding to kill late hatching, developing stages.</p> <p>DILUTION RATE: Amount of Product per Water Volume 8 fl. ozs. – 25 gallons 16 fl. ozs. (1 pt.) – 50 gallons 32 fl. ozs. (1 qt.) – 100 gallons</p> <p style="text-align: right;"><i>(cont. on next page)</i></p>	

TABLE 6: LIVESTOCK SPRAY, SWINE (cont.)	
APPLICATION SITES	PESTS CONTROLLED
Swine (Do not ship swine for slaughter within 5 days of last treatment.)	Blow Flies, Flies, Mosquitoes, Hog Lice, Fleas, Ticks, Including Deer Tick.
<p>USE DIRECTIONS: Spray, dip or sponge to apply 1 pint of spray solution per pig, especially around ears.</p> <p>DILUTION RATE: Amount of Product per Water Volume 8 fl. ozs. – 25 gallons 16 fl. ozs. (1 pt.) – 50 gallons 32 fl. ozs. (1 qt.) – 100 gallons</p>	

TABLE 7: LIVESTOCK SPRAY, POULTRY	
APPLICATION SITES	PESTS CONTROLLED
Poultry	Poultry Mites, Northern Fowl Mites, Lice.
<p>USE DIRECTIONS: Spray at the rate of ½ fl. oz. of spray solution per bird, or 1 gallon of spray solution per 100 birds, with a fine mist. Spray roosts, walls and nests or cages.</p> <p>DILUTION RATE: Amount of Product per Water Volume 8 fl. ozs. – 12.5 gallons 16 fl. ozs. (1 pt.) – 25 gallons 32 fl. ozs. (1 qt.) – 50 gallons</p>	

TABLE 8: DOG PREMISES	
APPLICATION SITES	PESTS CONTROLLED
Kennels, Dog Houses, Runs and Yards	Fleas, Flies, Ticks, Lice Mange (adult and larvae).
<p>USE DIRECTIONS: SURFACE SPRAY: Thoroughly wet pest breeding or resting areas but do not allow runoff to occur. Most efficient pest control is accomplished when heavy pressure and good contact are 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. Repeat as needed but not more often than once every 2 weeks.</p> <p>DILUTION RATE: Amount of Product per Water Volume 8 fl. ozs. – 6.25 gallons 16 fl. ozs. (1 pt.) – 12.5 gallons 32 fl. ozs. (1 qt.) – 25.0 gallons</p>	

TABLE 9: PESTS ON DOGS	
APPLICATION SITES	PESTS CONTROLLED
Dogs (Do not treat puppies less than 12 weeks old).	Fleas; Ticks, Including Deer Ticks; Lice; Mange.
<p>USE DIRECTIONS: 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 reinfestation and applications at intervals of 2-3 weeks. Do not repeat treatment for 7 days. Consult a veterinarian before using this product on debilitated, aged, pregnant, medicated 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.</p> <p>DILUTION RATE: Amount of Product per Water Volume 8 fl. ozs. – 12.5 gallons 16 fl. ozs. (1 pt.) – 25.0 gallons 32 fl. ozs. (1 qt.) – 50.0 gallons</p>	

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE AND SPILL PROCEDURES:
Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spillage or leakages, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Dispose with chemical waste.

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

(cont. on next page)

STORAGE AND DISPOSAL (cont.)

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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 1/4 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.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include

indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

929/9-2009 AP082809
EPA REG. NO. 2217-853
EPA EST. NO. 2217-KS-2

MANUFACTURED BY
PBI/GORDON CORPORATION
1217 WEST 12TH STREET
KANSAS CITY, MISSOURI 64101
www.pbigordon.com

STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PEEL HERE TO OPEN ▲

First Aid	
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.
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.
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