durvet

PERMETHRIN 10%

Rapid Kill

Insecticide Concentrate

Active Ingredient:

Permethrin*...	10.00%
Other Ingredients**....................................	90.00%
	100.00%

*cis/trans ratio: Max 65% (+/-) trans and min. 35% (+/-) cis.

**Contains Petroleum Distillates

EPA REG. 47000-103-12281
EPA EST. 47000-IA-01
EPA Est. No. 66171-CA-001
EPA Est. No. 66171-TN-001
(First letter of batch number indicates establishment)

KEEP OUT OF THE REACH OF CHILDREN

WARNING

7 45801 31031 5

DO NOT USE ON CATS

NET CONTENTS: 8 Fl. Oz. (236.6 mL)

ISSU20XB01

See Attached Label for First Aid and Additional Precautionary Statements

OPEN HERE

Permethrin 10% Rapid Kill INSECTICIDE CONCENTRATE

FIRST AID	
If on Skin or on Clothing:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • 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 further 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.
If Swallowed:	• Call a poison control center or doctor immediately for treatment advice or transport the patient to the nearest hospital. • Do not give any liquid to the patient. • Do not administer anything by mouth to an unconscious person. • Do not induce vomiting unless told to do so by the poison control center or doctor.

NOTE TO PHYSICIAN: Contains petroleum distillate. May pose an aspiration pneumonia hazard.

Have product container or label with you when calling a poison control center, doctor, or going in for treatment. For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas)

NET CONTENTS: 8 fl. oz. (236.6 mL)

Mfg for: Durvet, Inc.,100 S.E. Magellan Drive Blue Springs, MO 64014

ISSU20XB01

Permethrin 10% Rapid Kill INSECTICIDE CONCENTRATE

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climate modification and being grown in interior plantscapes, ornamental gardens or parks or lawns and grounds.

For Use Outdoors, In Residences and Non-Food/Feed Areas of Commercial Buildings, Institutions, Warehouses, Theaters, Office Buildings, Schools, Motels, Hotels, Restaurants, Kennels and Food/Feed Processing Establishments.

PET USE APPLIES TO ONLY ON DOGS

KEEP OUT OF REACH OF CHILDREN

WARNING

See base panel for First Aid

EPA REG. 47000-103-12281
EPA Est. No. 47000-IA-01
EPA Est. No. 66171-CA-001
EPA Est. No. 66171-TN-001
(First letter of batch number indicates establishment)

Manufactured for:
Durvet, Inc.
100 SE Magellan Drive
Blue Springs, MO 64014 U.S.A.

DO NOT USE ON CATS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes skin irritation. Do not get on skin, in eyes or on clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. Causes moderate eye irritation. Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Do not use on puppies under 12 weeks. Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing animals, or animals on medication. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe your pet with mild soap and rinse with larger amounts of water. If signs continue, consult a veterinarian immediately. Do not use on cats.

Personal Protective Equipment (PPE):

Mixers, loaders, applicators, and other handlers must wear:

- Coveralls over short-sleeved shirt and short pants,
- Socks and chemical-resistant footwear,
- Chemical-resistant gloves (barrier laminate or Viton)
- Goggles or face shield

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no 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.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing them. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off of the treated area. Rinsing application equipment over the treated area will help avoid run-off to water bodies or drainage systems.

This product is highly toxic to bees and other pollinating insects exposed to direct treatment or residues on crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees or other pollinating insects are foraging the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill, 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.

READ THIS LABEL: Read this entire label and follow all use directions, use restrictions and precautions.

SHAKE WELL BEFORE USE

USE RESTRICTIONS

Do not apply as a broadcast treatment to indoor surfaces at residential sites, including nurseries, day care centers, schools, hospitals, and nursing homes.

Do not allow people or pets in treated areas until sprays have dried. Remove pets, birds and cover fish aquariums before spraying.

Do not allow spray treatment to drift onto pastureland, cropland, poultry ranges or into water supplies.

Do not use on crops for food, forage or pasture.

Do not apply by air.

Do not use in food areas of food-handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or while the facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms, but excluding areas where food may be prepared or held. In the home, remove or cover all food processing surfaces and utensils during treatment or thoroughly wash before reuse. Remove or cover exposed food prior to treatment. Do not apply when food is present.

When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application.

Wash teats of animals before milking.

Except when applying to pets or livestock, do not apply this product in a way that will contact workers or other persons, either directly or through drift.

Except when applying to pets or livestock, only protected handlers may be in the area during application.

Do not water the treated area to the point of run-off. Do not make outdoor applications in the rain.

Do not apply to or allow product to come into contact with cats or kittens.

***For Outdoor Applications*:**

Do not water the treated area to the point of run-off. Do not make applications during rain.

All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

1. Treatment to soil or vegetation around structures,
2. Applications to lawns, turf and other vegetation,
3. Applications to building foundation, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors and eaves) are limited to spot and crack-and-crevice applications only.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.

Do not allow the product to enter any drain during or after application.

***In commercial animal premise automatic misting systems*:**

Not for use in outdoor residential misting systems (indoor or outdoor).

Do not apply this product in barns or stables where animals intended for slaughter or human consumption will be maintained.

Do not apply when food, feed, or water is present.

Do not apply directly to animals.

When using this product, installers and service technicians must comply with the license, certification, or registration requirements of the state(s), tribe(s), or local authority (ies) where they are installed.

When applying via remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are unlikely to be present.

Direct nozzles to spray toward the target area and away from areas where people are typically present.

Do not use in an evaporative cooling system.

Do not use in misters located within 3 feet of air vent, air conditioner units, or windows.

If used in a system with a reservoir tank for the end use dilution, the system reservoir tank must be locked. Securely attach the end use pesticide label and a dilution statement to the system reservoir tank in a weather protected area or plastic sleeve. The dilution statement must be phrased as follows: This container holds __ parts **Permethrin 10% Rapid Kill Insecticide Concentrate** to __ parts water.

This product must only be used in systems that have been calibrated to apply no more than the maximum application rate of__.

APPLICATION INSTRUCTIONS:

Mixing Instructions:

This is an easy-to-apply product that can be used to control listed nuisance insects. Apply with hand-pressurized or power-operated sprayers. Carefully measure and mix the amount of product and water as directed. Where appropriate, measure the area to be treated by measuring the length and the width then multiply to determine the square footage of the area. When mixing, fill the application equipment with half of the water first and then measure and add the appropriate amount of this product, followed by the remaining water. Shake or stir thoroughly to mix the product and water. Thorough spray coverage is necessary, but do not allow run-off.

For maximum effectiveness, a combination of localized application and space treatment are recommended.

Dilution rates on this label will yield the following ready-to-use product:

Rate	Fl. Oz. of Concentrate per Gallon of Finished Solution	% Permethrin
1:19	6.4	0.50%
1:39	3.2	0.25%
1:99	1.28	0.10%
1:199	0.64	0.05%
1:399	0.32	0.025%

The number in parenthesis following dilution direction below refers to the Permethrin concentrate in the diluted product.

INDOOR USE

FOR USE AS SURFACE SPRAY

For initial cleanup of severe insect infestation, dilute at a rate of 1 part concentrate in 19 parts water (6.4 fl. oz. per gallon) (0.5%).

For normal infestations and maintenance, dilute 1 part concentrate in 39 parts water (3.2 fl. oz. per gallon) (0.25%).

To control cockroaches, waterbugs, Palmetto bugs, ants, silverfish, firebrats, spiders, crickets, millipedes, clover mites, cheese mites, granary weevils, rice weevils, confused flour beetles, rust red flour beetles, saw toothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, mealworms, grain mites and cadelles:

Use a good sprayer adjusted to deliver a coarse wet spray. Direct **Permethrin 10% Rapid Kill Insecticide Concentrate** into hiding places, cracks and crevices, under pallets, around containers or stored foods, around the bases of machinery, and behind shelves and drawers. Spray bookcases for silverfish. Spray ant trails, nests and points of entry. If surface application only is to be used, apply spray as a spot- treatment to floors, carpets, rugs and other surfaces applying at a rate of 1 gallon of the properly diluted use-solution to 750 square feet.

To control centipedes, ground beetles, pillbugs, sowbugs, scorpions, and ticks: Apply **Permethrin 10% Rapid Kill Insecticide Concentrate** around doors and windows and other places where these pests may enter premises.

Treat baseboards, storage areas and other locations where these pests are found.

***To control fleas and ticks*:**

Remove pet bedding. Clean thoroughly or destroy. Apply **Permethrin 10% Rapid Kill Insecticide Concentrate** as a spot-treatment to pet resting quarters. Adult fleas and larvae contacted by spray will be killed. Put fresh bedding down once spray has dried. Direct spray as a spot-treatment to spray rugs and carpets where infestations are bad. Test delicate fabrics in an inconspicuous area prior to use.

***To Kill fleas and ticks on dogs*:**

Dilute 1 part concentrate to 99 parts of water (1.28 fl. oz. per gallon) (0.10%). Using protective gloves (mitts), wet the animal by dipping or spraying. Make sure coat is thoroughly wetted to the skin. Fluff the hair to penetrate to the skin. Do not apply to eyes, face, or genitalia. Allow dog to air dry or blow dry. Do not towel dry. Reapply every 30 days, if necessary.

***Treatment of Flying Insects Resting Places*:**

***To aid in the control of mosquitoes, gnats, skippers*:**

Treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places using a dilution of 1:19 (0.50%)

***To control carpet beetles*:**

Spray edges of carpeting and under carpets and rugs. Make localized applications to floors and baseboards, using spot-treatment for floors. Spray directly into cracks, closets and infested areas of shelving.

***To control bedbugs*:**

Spray mattresses lightly, particularly around tufts and seams. Take bed frame apart and spray in all joints. Treat baseboards, moldings and spot-treat floors. Allow all treated articles to thoroughly dry before reuse.

To control clothes moths:

Remove any infested articles from storage, brush thoroughly and air for several hours in sunlight, if possible. Apply **Permethrin 10% Rapid Kill Insecticide Concentrate** liberally to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly, keeping spray nozzle at least 3 feet from fabrics to avoid staining.

***To kill lice and louse eggs*:**

Treat only those garments and parts of bedding, including mattresses and furniture which cannot be either laundered or dry cleaned. Spray in an inconspicuous area to test for possible staining or discoloration before treating with **Permethrin 10% Rapid Kill Insecticide Concentrate**. Inspect again after drying then proceed to spray entire area to be treated. Spray from a distance of 8 to 10 inches. Allow all treated articles to dry thoroughly before reuse.

FOR USE AS A SPACE SPRAY:

For initial cleanup of severe insect infestation, dilute at a rate of 1 part concentrate in 19 parts water (6.4 fl. oz. per gallon) (0.50%).

For normal infestations and maintenance, dilute 1 part concentrate in 39 parts water (3.2 fl. oz. per gallon) (0.25%).

Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilation systems.

***For rapid control of house flies, fruit flies, gnats, mosquitoes, Skipper flies, black flies, Angoumois grain moths, and Tobacco moths*:**

Direct spray at an upward angle distributing it uniformly through the entire area at a rate of 1 fl. oz. per 1,000 cu. ft. of space. Keep area closed for at least 10 minutes. Vacate areas after treatment and ventilate and sweep up dead insects before reoccupying.

For rapid kill of exposed or accessible states of other insects named on this label, apply **Permethrin 10% Rapid Kill Insecticide Concentrate** using conventional, mechanical or compressed air equipment (non-thermal), following directions for space spraying.

Apply the above dilutions at a rate of 1 fl. oz. per 1,000 cubic feet of space.

FOR USE ON ORNAMENTAL PLANTS:

Mix 0.32 fl. oz. in 1 gallon of water. Do not use more Permethrin 10% Rapid Kill Insecticide Concentrate than listed on the label, as this may cause plant injury. Use this dilution unless other instructions are given.

To protect plants in indoor landscaping, spray directly on insects. In the home, remove infested plants from living areas prior to application. Spray plants in an area not likely to be occupied by children or pets (particularly fish). When the leaves dry, plants can be returned to their original locations. Use with care on ferns, palms and fuchsia. As with all plants, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars and therefore, a wide range of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours, then check for possible injury. Repeat applications may be necessary to control citrus black flies on non-bearing citrus and adult Japanese beetles on roses.

Plants	Insects
Ageratum, Ardisia, Aster, Azalea, Baby's Breath, Begonia, Birdsnest Fern, Bleeding Heart, Carnation, Chrysanthemum, Coleus, Crown of Thorns, Cockscomb, Cyclamen, Dracaena, Dumbcane, English Ivy, Fuchsia, Gladiolus, Grape Ivy, Hypoestes, Ivy, Juniper, Lily, Marigold, Orchid, Palm Pansy, Peperomia, Petunia, Philodendron, Piggyback Plant, Poinsettia, Portulaca, Pothos, Prayer Plant, Purple Passion, Rabbits Foot Fern, Rose, Schefflera, Snapdragon, Snake Plant, Statice, Velvet Plant, Verbena, Zinnia	Aphids, armyworms, cankerworms (fall, spring, corn earworms, inchworms, Japanese beetles, Leafminers, Leafrollers, mealybugs, scales, spider mites, thrips (exposed), Whiteflies
Chrysanthemums	Armyworms, cabbageworms, cutworms, Leafrollers
Velvet plants	Fungus Gnats

OUTDOOR USE

HOSE-END SPRAYER USE DIRECTIONS

Mixing Instructions:

Fill sprayer bottle half-way with water, then add 4 fl. oz. of **Permethrin 10% Rapid Kill Insecticide Concentrate** to the sprayer bottle. Add water to fill bottle. Shake well. Attach sprayer bottle to hose and follow these simple instructions:

1. Make sure the hose-end sprayer is firmly connected to the hose.
2. Make sure the sprayer is in the OFF position. Turn water supply on at the faucet. For best results, turn hose faucet to maximum. Water pressure will build in the hose.
3. To apply product, turn the control valve to the ON position. Water and product are now being mixed at the proper rate.

FOR USE ON LAWNS

***To control ants, armyworms, chiggers, cinch bugs, crickets, cutworms, fleas, grasshoppers, mosquitoes, Sod webworms, Sowbugs, and ticks*:**

Spray when pests first appear. For sod webworms, delay watering or mowing the treated area for 12 to 24 hours after treatment.

Spray grass starting at the edge of the lawn furthest from the faucet. Walk backwards away from the spray mist and towards the faucet. This helps to avoid contact of shoes and hose with treated grass. Always point sprayer away from body. Use when the wind is calm to avoid splash-back. Do not spray on a windy day. Sweep the sprayer left and right to ensure even coverage.

Apply the entire contents evenly over 1,000 square feet of lawn.

To stop spraying, turn the control valve to the OFF position. Turn off water at the faucet. To relieve water pressure in the hose, turn the control valve to the ON position before removing the sprayer bottle from the garden hose.

ALLOW SPRAY TO THOROUGHLY DRY ON THE LAWN BEFORE PERMITTING ANIMALS OR CHILDREN TO ENTER TREATED AREA.

WHEN/WHERE TO SPRAY:

To avoid drift, spray on calm days. DO NOT spray near fish ponds, streams or rivers as this product is toxic to aquatic life. DO NOT spray plants in the middle of the day in hot summer weather (i.e. above 85ºF/29.4ºC) as the spray may burn the plants. For best results, spray when insects or insect damage are first observed.

FOR USE ON ORNAMENTALS AND HEDGES:

***To Control Aphids, bagworms, Eastern tent caterpillar, fall webworms, grasshoppers, mites, mosquitoes, orange striped oakworm, spittle bugs, whiteflies, yellownecked caterpillar, cutworms, leafhoppers, mealybugs, mimosa webworms, redhumped Caterpillar and thrips(exposed)*:**

Apply **Permethrin 10% Rapid Kill Insecticide Concentrate** thoroughly on all parts of hedges and bushes. Be sure to cover trunks, branches, and inside and outside of leaves. When spraying leaves, be sure to spray both the upper and lower surfaces. Spray to penetrate dense foliage, but avoid over-spraying to the point of excessive run-off. To prevent being contacted by spray, do not apply to overhead areas. Treat at the first sign of insects or insect damage, and repeat at 7- to 10-day intervals, if needed.

FOR USE AS A PERIMETER TREATMENT:

Spray outside surfaces of barns, dairies, poultry houses, swine and livestock housing, and feed lots to control house flies, stable flies and other manure-breeding flies. **Permethrin 10% Rapid Kill Insecticide Concentrate** also aids in the control of cockroaches, ants, spiders, mosquitoes, crickets and face flies. Walk and spray at a steady pace. Spray walls and surfaces thoroughly but do not allow runoff to occur. Do not contaminate animal feed or water by spray.

***For Temporary Reduction of Annoyance from flies, gnats & mosquitoes*:** For outdoor use at drive-in restaurants, drive-in theaters, urban areas, parks, playgrounds and other recreational areas, dilute 1 part concentrate in 39 parts water (3.2 fl. oz. per gallon) (0.25%). Direct the spray into tall grass, shrubbery and around lawns, where these pests may hover or rest. Apply **Permethrin 10% Rapid Kill Insecticide Concentrate** while the air is still, and avoid over-wetting foliage. Make applications prior to occupancy.

***For the Treatment of corrals, feedlots, swine lots and zoos*:**

Cover any exposed water, drinking fountains and animal feed and feeding equipment before applications. Fill the area with mist and direct the **Permethrin 10%**

Rapid Kill Insecticide Concentrate into tall grass, shrubbery and around lawns where the above pests may hover or rest. Apply while the air is still and avoid wetting foliage. In zoos, do not expose reptiles to this product.

FOR USE ON ORNAMENTAL PLANTS:

To protect ornamental plants, including trees, shrubs, flowers, evergreens, foliage plants and ground covers, use **Permethrin 10% Rapid Kill Insecticide Concentrate** as a contact and residual spray. Treat at the first sign of insects or insect damage. Apply in the late afternoon or evening when the temperature ranges from 50ºF to 80ºF (10ºC to 26.7ºC) and when there is little or no wind. Spray at 4- to 8-day intervals if insect activity continues. Wet the plants thoroughly, but avoid run-off or dripping. Try to hit underside of leave. Do not use more product than listed on the label as this may cause plant injury.

Plants	Insects
Ageratum, Arizona Cypress, Aster, Azalea, Begonia, Coleus, Common Ninebark, Common Snowberry, Elm, Exacum Euonymus, English Ivy, Gladiolus, Gold bells, Hypoestes, Ivy, Lilac, Marigold, Mock Orange, Nannyberry, Orchid, Palm Pansy, Pea Shrub, Petunia, Philodendron, Poinsettia, Rhododendron, Rose, Snapdragon, Taxus, Wax Plant, Weeping Fig, Zinnia.	Aphids, Bagworms, Cicadas, Corn Earworms, Fall Cankerworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider Mites, Exposed Thrips, Whiteflies

FOR USE ORNAMENTAL TREES:

Use sufficient spray to obtain full coverage of all foliage.

Trees	Insects	Trees	Insects
Birch	Leafminers	Non-bearing citrus	Citrus Black Flies
Cherry & Honeysuckle	Fall Webworms	Oak	Oak-worms
Conifers	Budworms	Pine	Pine moths, Pine needle miners, Pine beetles, Needle scales
Douglas and Grand firs	Tussock Moths		
Elm	Elm Leaf Beetle, Elm Spanworms, Fall Webworms	Tulip poplar	Aphids

FOR USE ON NUISANCE PESTS IN OUTDOOR AREAS:

For severe infestation, dilute 1 part concentrate in 19 parts water (6.4 fl. oz. per gallon of water) (0.50%) and treat each 400 linear feet with a 6-inch spray band. For normal infestations, dilute 1 part concentrate in 39 parts water (3.2 fl. oz. per gallon) (0.25).

Insects	Directions
Ants, crickets, earwigs, fleas, ticks	For localized infestations of these insects in areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways.
Tent caterpillars	Apply when caterpillars are young, and tents are first noticed. For best results, apply in the late afternoon or evening. Caterpillars may be seen escaping from the tent after treatment, however they should die within several hours.
Outside Surfaces of Buildings	
Ants, clover mites, crickets, earwigs, millipedes, Sowbugs (Pillbugs)	To help prevent infestations of buildings, treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. Also, apply as a residual spray to outside surfaces of buildings, patios, garages and other areas where these pests may be found.
Flies (cluster, house), gnats, flying moths, mosquitoes	As an aid in reducing annoyance from these insects, spray outside surfaces of screen, doors, window frames or wherever these insects may enter the home. Also treat surfaces around light fixtures on porches, in garages and in other places where these insects congregate or alight.

FOR USE ON LAWNS:

Use on Bent, Bermuda, Bluegrass, Dichondra, Fescue, Irish Moss, Merion and St. Augustine lawns.

Insects	Directions
Armyworms, ticks, cutworms, chinch bugs, fleas, Sod Webworms	Thoroughly wet grass with water a few hours before applying **Permethrin 10% Rapid Kill Insecticide Concentrate**. Home lawns should be no taller than 3 inches at the time of application. Mix 3.2 fl. oz. per gallon of water (0.25%) to treat 1,000 square feet. Slightly more water may be used as long as the amount of product applied per area is the same. Delay watering or mowing for 24 hours after treatment. For heavy infestations, repeat application after 2 weeks.
Japanese Beetle, grubs, mole crickets	Lawns should be no taller than 3 inches at the time of application. Mix 1.28 fl. oz. per gallon of water (0.10%) to treat 1,000 square feet. Slightly more water may be used as long as the amount of product applied per area is the same. Irrigate lawns with ¼ inch of water immediately after application. For heavy infestations, repeat application after 2 weeks.
Ants, crickets, grasshoppers	Thoroughly wet grass water a few hours before applying **Permethrin 10% Rapid Kill Insecticide Concentrate**. Home lawns should be no taller than 3 inches at the time of application. Mix 1.28 fl. oz. per gallon of water (0.10%) and treat 1,000 square feet. Slightly more water may be used as long as the amount of product applied per area is the same. For heavy infestations, repeat application after 2 weeks.
Fire Ants	Mix 6.4 fl. oz. in 1 gallon of water (0.50%). Apply at the rate of 1 gallon per mound as a gentle rain from a typical garden sprinkling can. Thoroughly wet the mound and surrounding area to a diameter of 4 feet. For best results, apply in cool weather, 65ºF to 80ºF (18.3°C to 26.7°C), or in early morning or late evening hours. Treat all mounds in the vicinity and treat all colonies which have not yet constructed mounds. Do not use equipment that produces a pressurized spray since this will disturb fire ants and cause migration, reducing product effectiveness.

FOR USE ON TREES AND SHRUBS

Mix 1 fl. oz. of **Permethrin 10% Rapid Kill Insecticide Concentrate** in 3 gallons of water. Spray at the first sign of insects or insect damage. Wet leaves and branches to the point of dripping. For best results, penetrate dense foliage. Treat in later afternoon or evening when temperature range from 50ºF to 75ºF (10°C to 23.9°C) and when there is little or no wind. Repeat every 4 to 8 days if needed. Application can be made up to the day of collection.

Plants	Insects
Arizona Cypress, Azalea, Birch, Ornamental Cherry, Non-Bearing Citrus, Conifers, Elm, English Ivy, Euonymus, Weeping Fig, Fir, Honeysuckle, Lilac, Mock Orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip, Poplar, Rhododendron, Taxus	Aphids, Bagworms, Cicadas, Fall Cankerworms, Fall Webworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, Thrips (exposed), Whiteflies
Conifer	Budworms
Elm	Elm leaf beetles, elm Spanworms, fall webworms
Douglas and Grand fir	Tussock moths
Non-Bearing Citrus	Citrus black flies
Oak	Oakworms
Pine	Pine Beetles, pine moths, pine needle miners, needle scales

ROSES AND FLOWERS

Mix 1 fluid ounce in 3 gallons of water. Spray at the first sign of insects. Wet the plants to the point of dripping. Try to penetrate dense foliage. Treat in later afternoon or evening when temperature range from 50ºF to 75ºF (10°C to 23.9°C) and when there is little or no wind. Repeat every 4 to 8 days if needed. Application can be made up to the day of collection.

Plants	Insects
Ageratum, Aster, Azalea, Begonia, Coleus, Common Ninebark and Snowberry, Exacum, Gladiolus, Gold Bells, Hypoestes, Ivy, Lilac, Marigold, Mock-Orange, Nannyberry, Orchid, Pansy, Pea Shrub, Petunia, Poinsettia, Rhododendron, Rose, Snapdragon, Zinnia	Aphids, bagworms, cicadas, cankerworms (fall), inchworms, leafminers, leafrollers, mealybugs, spider mites, thrips (exposed), fall webworms, whiteflies.

TREATMENT OF ANIMALS AND ANIMAL QUARTERS

Insects	Dilutions (Mix Well)	How to Apply
PESTS ON LARGE ANIMALS (Dairy or Beef Cattle, Horses, Sheep and Goats)		
Horn Flies, face flies, stable flies, mosquitoes, lice, mites, ticks (Including deer tick which may carry Lyme Disease)	For severe infestations, dilute 1.28 fl. oz per gallon of water (1 part concentrate to 99 parts water) (0.10%). For normal infestations, dilute 0.64 fl. oz per gallon of water (1 part concentrate to 199 parts water) (0.05%)	Spray thoroughly to cover the entire animal. For lice or mites, a second treatment is recommended in 14- to 21 days. Spray lactating dairy cows only after milking is completed.
Horn flies, face flies, stable flies, ear ticks	Dilute 2 fl. oz. per gallon of water (0.16%)	For Spot Treatment – Low Pressure Spray – Apply 0.5 fl. oz. of diluted use-solution per ear or 1- to 4 fl. oz. on face, or 12-16 fl. oz. along the backline.
PESTS ON LARGE ANIMALS (Dairy or Beef Cattle, Horses, Sheep and Goats)		
Horn flies, face flies, stable flies, ear ticks	Dilute 8 fl. oz in 5 gallons of **oil** (0.125%)	For Backrubber - Keep backrubber charged. Results can be improved by forced use.
FOR PESTS ON FARM PREMISES (Barns, Dairies, Loafing Sheds, Milking Parlors, Feedlots, Stables, Poultry & Livestock Housing)		
Horseflies, Stable flies, lesser houseflies, and other manure breeding flies, fleas, lice, mites, ticks (Including deer tick which may carry Lyme Disease). Aids in control of cockroaches, mosquitoes and spiders	Dilute 3.2 fl. oz. per gallon of water (0.25%)	Spray walls and surfaces thoroughly, but do not let run off occur. Spray 1 gallon for 750 to 1,000 sq. ft. Treat no more often than once every 2 weeks. Do not contaminate animal's feed or water by spray. Do not use in milk rooms.
PESTS IN CATTLE BARNS, HORSE BARNS, SWINE HOUSES, KENNELS, MILKING PARLORS, MILK ROOMS, DAIRIES, POULTRY HOUSES, FEEDLOTS, STABLES AND PADDOCKS		
Flies, mosquitoes, gnats	For initial clean out of severe insect infestations, dilute 6.4 fl. oz. per gallon of water (1 part concentrate to 19 parts water) (0.50%). For normal infestations, dilute 3.2 fl. oz. per gallon of water (1 part concentrate to 39 parts water) (0.25%)	Apply as a fine mist, directing the spray toward the ceiling and upper corners until the area is filled with mist. Use 1 fl. oz. of diluted use-solution per 1,000 cubic feet of space. For best results, close doors and windows before spraying and keep area closed for 10 to 15 minutes. Vacate the treated area and ventilate before reoccupying.
FOR PESTS ON SWINE AND POULTRY (Do not ship swine for slaughter within 5 days of last treatment)		
Mange mites	Dilute 1.28 fl. oz. per gallon of water (1 part concentrate to 99 parts water) (0.10%)	Spray, dip or sponge animals. Repeat treatment after 14 days, spraying walls, floor spaces, and bedding to kill mites during later hatching, and developing stages.
Blowflies, flies, mosquitoes, hog lice, fleas, ticks (Including deer tick which may carry Lyme Disease)	Dilute 1.28 fl. oz. per gallon of water (1 part concentrate to 99 parts water) (0.10%)	Spray, dip or sponge to apply 1 pint 916 fl. oz.) per pig, especially around ears.
Poultry mites, Northern Fowl mites, lice	Dilute 1.28 fl. oz. per gallon of water (1 part concentrate to 99 parts water) (0.10%)	Spray at the rate of 1 gallon per 100 birds with a fine mist. Spray roosts, walls, nests and cages.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry area. Always store pesticide in the original container. Store away from food and pet food. Avoid extremes in temperature.

PESTICIDE DISPOSAL AND CONTAINER HANDLING:

Non-refillable container. Do not reuse or refill this container.

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

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

DISCLAIMER

To the extent permitted by applicable law, Seller makes no representation or warranty, either express or implied, for results due to misuse, improper handling, or improper storage of this material. Nor does Seller assume any responsibility for injury to persons, crops, animals, soil, or property arising out of misuse, improper handling, or improper storage of this material.

For non-emergency (e.g., current product information),

Call: **1-800-621-8829**

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FIRST AID

If on Skin or on Clothing:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • 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 further 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.
If Swallowed:	• Call a poison control center or doctor immediately for treatment advice or transport the patient to the nearest hospital. • Do not give any liquid to the patient. • Do not administer anything by mouth to an unconscious person. • Do not induce vomiting unless told to do so by the poison control center or doctor.

NOTE TO PHYSICIAN: Contains petroleum distillate. May pose an aspiration pneumonia hazard.

Have product container or label with you when calling a poison control center, doctor, or going in for treatment.
For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas)

NET CONTENTS: 8 fl. oz. (236.6 mL)

Mfg for: Durvet, Inc.,100 S.E. Magellan Drive Blue Springs, MO 64014