



8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4372 U.S.A. - Telephone (763) 544-0341

[ ] indicates optional wording

A long lasting livestock and premise spray that provides quick knockdown, broad spectrum insecticidal effectiveness and excellent residual activity for up to 28 days

Controls pests up to 4 weeks

Makes up to \_\_\_ Gallons!

Protects Horses and Ponies from attacks of Horse Flies, Stable Flies, Face Flies, Deer Flies, Houseflies, Horn Flies, Mosquitoes, and Gnats

Kills Gypsy Moth Caterpillars, Japanese Beetles, Roaches, Ants, Fleas, Ticks, Lice, Bed Bugs, Horn Flies, Houseflies, Mealworms, Darkling Beetles, Poultry Lice, Fowl Mites, and numerous other insects as listed

For use outdoors and in homes and nonfood areas of commercial buildings, institutions, warehouses, theatres, office buildings, schools, motels, hotels, restaurants, food/feed processing establishments, hospitals, kennels, poultry houses, dairies, cattle barns, milking parlors, horse barns and swine houses

Not for Forestry Use or Commercial Nursery Use

Not for use on plants being grown for sale or other commercial use, or for commercial seed production or for research purposes

For Commercial/Agricultural Use and Mosquito Abatement District Officials

**ACTIVE INGREDIENT:**

* Permethrin [(3-Phenoxyphenyl) methyl (+ or -) cis-trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate) .....	10.00%
** OTHER INGREDIENTS.....	90.00%
	100.00%

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

\*\* Contains petroleum distillates

Contains 0.75 lbs. of pyrethroid per gallon

**NOTE TO PHYSICIAN:** Contains petroleum distillate – vomiting may cause aspiration pneumonia.  
 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.

**KEEP OUT OF REACH OF CHILDREN  
 CAUTION**

Net Contents \_\_\_\_\_

Manufactured by:

Mc LAUGHLIN GORMLEY KING COMPANY  
 8810 Tenth Avenue North  
 Minneapolis, MN 55427

EPA Reg. No. 1021-1736

EPA Est. No. 1021-MN-2

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> <li>▪ Immediately call a poison control center or doctor.</li> <li>▪ Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>▪ Do not give <b>any</b> liquid to the person.</li> <li>▪ Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN OR CLOTHING:	<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>
IF IN EYES:	<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> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>

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

**CAUTION**

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. 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, 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 wash waters or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. 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 treated area.

**PHYSICAL OR CHEMICAL HAZARDS**

**Combustible.** Do not use or store near heat or open flame. Do not apply this product around electrical equipment due to 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 ENTIRE LABEL BEFORE EACH USE.

FOR PET USE – USE ONLY ON DOGS, HORSES AND PONIES

Keep container sealed when not in use. Protect from freezing. To prepare dilutions, add the required amount of concentrate to water and blend thoroughly.

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

RATE	OZ. CONC./GAL	PERMETHRIN
1:19	6.4	0.50%
1:39	3.2	0.25%
1:100	1.28	0.10%
1:200	0.64	0.05%
1:400	0.32	0.025%

Dilution Rates:	Rate Concentrate/Water	Or Oz. Concentrate Per Gallon of Water	Or Teaspoons Per Gallon of Water
Maintenance Use	1 part concentrate / 400 parts water	0.32 oz. concentrate / 1 Gallon of water	2 teaspoons conc. / per gallon of water
Normal Infestations	1 part concentrate / 200 parts water	0.64 oz. concentrate / 1 Gallon water	4 teaspoons conc. / per gallon of water
Severe Infestation	1 part concentrate / 100 parts water	1.28 oz. concentrate / 1 Gallon water	8 teaspoons conc. / per gallon of water

The number following the dilution directions on this label refers to the ready-to-use Permethrin level.

For maximum effectiveness, a combination of localized application and space treatment is recommended. Remove pets and birds and cover fish aquariums before spraying.

**INDOOR USE AREAS**

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 facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms, but excluding areas where foods may be prepared or held. In the home, cover all food processing surfaces and utensils during treatment or thoroughly wash before use following treatment. Cover or remove exposed food.

**NOT FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS**

NONFOOD/FEED AREAS include (but are not limited to) garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling).

- |                          |                        |
|--------------------------|------------------------|
| BAKERIES                 | BEVERAGE PLANTS        |
| CANNERIES                | FOOD PROCESSING PLANTS |
| FLOUR MILLS              | HOSPITALS              |
| GRAIN ELEVATORS          | KENNELS                |
| GRANARIES                | OFFICE BUILDINGS       |
| HOTELS, MOTELS           | SCHOOLS                |
| INDUSTRIAL INSTALLATIONS | TRUCK TRAILERS         |
| MEAT PACKING PLANTS      |                        |
| HOMES                    |                        |
| RAILROAD CARS            |                        |
| RESTAURANTS              |                        |
| SHIPS' HOLDS             |                        |
| SUPERMARKETS             |                        |
| WAREHOUSES               |                        |

AS A SURFACE SPRAY TO CONTROL: Cockroaches, Waterbugs, Palmetto Bugs, Ants, Silverfish, Firebrats, Spiders, Crickets, Millipedes, Centipedes, Sowbugs, Pillbugs, 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, Darkling Beetles, Mealworms, Grain Mites, and Cadelles:

For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 19 parts water (6.4 fluid ounces per gallon) (0.5%).

For normal infestations, dilute 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) (0.1%).

For maintenance use, dilute 1 part concentrate in 200 parts water (0.64 ounces per gallon) (4 teaspoonfuls per gallon) (0.05%).

Use a sprayer and adjust to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base 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, spray floors, walls, and other surfaces, applying at a rate of 1 gallon to 750 square feet of surface.

TO CONTROL Carpet Beetles: Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks and closets and onto infested areas of shelving.

TO CONTROL Bedbugs: Spray mattresses lightly, particularly around tufts and seams. Take bed frames apart and spray in all joints. Treat baseboards, moldings, and floors. Allow all treated articles to thoroughly dry before use.

TO CONTROL Fleas and Ticks (adult and larvae): Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and localized areas of floors and floor coverings. Place fresh bedding in animal quarters following treatment.

AS A SPACE SPRAY:

For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 19 parts water (6.4 fluid ounces per gallon) (0.5%).

For normal infestations, dilute 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) (0.1%).

For maintenance use, dilute 1 part concentrate in 200 parts water (0.64 ounces per gallon) (4 teaspoonfuls per gallon) (0.05%).

Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems. For rapid control of Houseflies, Fruit Flies, Gnats, Mosquitoes, Skipper Flies, Wasps, Hornets, Bees, 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 ounce per 1,000 cubic feet 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 stages of other insects named on this label: Apply using conventional mechanical or compressed air equipment (non-thermal), following directions for space spraying. Apply the above dilutions at a rate of 1 ounce per 1,000 cubic feet of space.

OUTDOOR USE AREAS

- |                      |                   |
|----------------------|-------------------|
| CORRALS              | FEED LOTS         |
| GARDENS              |                   |
| PARKS                | DRIVE-IN THEATERS |
| DRIVE-IN RESTAURANTS |                   |
| GOLF COURSES         | ZOOS              |
| PLAYGROUNDS          |                   |
| RECREATIONAL AREAS   | SWINE LOTS        |
| URBAN AREAS          |                   |
| HOMES                |                   |

For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 19 parts water (6.4 fluid ounces per gallon) (0.5%).

For normal infestations, dilute 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) (0.1%).

For maintenance use, dilute 1 part concentrate in 200 parts water (0.64 ounces per gallon) (4 teaspoonfuls per gallon) (0.05%).

Do not allow spray treatment to drift on pastureland, cropland, poultry ranges, or water supplies. Do not use on crops used for food, forage, or pasture. Never treat open water with this product. Not to be used within 100 feet (30 meters) of lakes and streams.

TREATMENT OF FLYING INSECTS

TO AID IN CONTROL OF Mosquitoes, Wasps, Gnats, and Skippers: Treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords, and similar resting places.

FOR TEMPORARY REDUCTION OF ANNOYANCE FLIES, GNATS, AND MOSQUITOES

In drive-in restaurants, drive-in theaters, golf courses, urban area, parks, playgrounds, and other recreational areas. Dilute 1 part concentrate in 40 parts water (3.2 fluid ounces per gallon of water) (0.25%). Direct the spray into tall grass and shrubbery and around lawns where these pests may hover or rest. Apply while the air is still and avoid wetting foliage of desirable plants. Apply product before occupancy.

In the treatment of corrals, feedlots, swine lots, and zoos, cover any exposed water, drinking fountains, and animal feed before application. Fill the area with mist and direct the spray into tall grass and shrubbery and around lawns where the above pests may hover or rest. Apply while the air is still and avoid wetting foliage of desirable plants. In zoos, prevent exposure of reptiles to this product.

GYPSY MOTH CATERPILLARS AND ADULTS, ADULT JAPANESE BEETLES, EASTERN AND FOREST TENT CATERPILLARS

TO KILL ON CONTACT: Dilute 1 part concentrate in 40 parts water (3.2 fluid ounces per gallon of water) (0.25%). Apply to insure thorough coverage of upper and lower leaf surfaces.

ON TREES AND SHRUBS: Treat trees and shrubs as soon as insects emerge (usually late spring). Treat leaves, branches and tree trunks evenly, making sure to penetrate dense foliage. Repeat application every 7 days as necessary for control.

ON ROSES AND IN FLOWER GARDENS: Treat plants and flowers as soon as insects appear. Spray plants and flowers, making sure to penetrate dense foliage. Repeat application every 7 days or as necessary for control.

ANIMALS AND ANIMAL PREMISE USE AREAS

- |                |                 |
|----------------|-----------------|
| CATTLE BARNS   | SWINE HOUSES    |
| MILK ROOMS     |                 |
| POULTRY HOUSES | HORSE BARNS     |
| KENNELS        |                 |
| DAIRIES        | MILKING PARLORS |

This insecticide concentrate when diluted, can be used on horses & ponies as a trigger spray and will provide control for up to 4 weeks. Kills stable flies, horse flies, deer flies, face flies, houseflies, horn flies, mosquitoes, and gnats. **NOTE: Do not use on foals under 3 months of age. This product must be diluted prior to use.**

**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.

For clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) (0.1%).

For normal infestations, dilute 1 part concentrate in 200 parts water (0.64 ounces per gallon) (4 teaspoonfuls per gallon) (0.05%).

For maintenance use, dilute 1 part concentrate in 400 parts water (0.32 ounces per gallon) (2 teaspoonfuls per gallon) (0.025%).

**LIVESTOCK SPRAY: DAIRY AND BEEF CATTLE, SHEEP, GOATS, SWINE, HORSES, AND POULTRY**

**FOR DAIRY CATTLE:** Spray lactating dairy cows only after milking is complete.

**FOR SWINE:** Do not ship animals for slaughter within 5 days of last treatment.

**TO CONTROL Horn Flies, Houseflies, Mosquitoes, and Gnats:** Apply to wet the hair thoroughly, paying 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 emerge in large numbers.

**TO CONTROL Stable Flies, Horse Flies, and Deer Flies:** Apply a quart per adult animal to wet the hair thoroughly, paying particular attention to legs, flanks, barrel, topline, and other body areas commonly attacked by those flies. Repeat daily as needed.

**TO CONTROL Face Flies:** Apply using sprayer that produces large wetting droplets. Apply in the morning to the face of the animal before releasing to pasture. Apply sufficiently to wet the face but not more than 1 1/2 (1.5) ounces per animal. Repeat daily as needed.

**TO CONTROL Poultry Lice:** Spray roosts, walls, and nests or cages thoroughly, followed by spraying over the birds with a fine mist.

**TO CONTROL Bedbugs and Mites (including Northern Fowl Mite) in Poultry Houses:** Spray crevices of roost poles, cracks in walls, and cracks in nests where Bedbugs and Mites hide. Spray birds with a fine mist and pay particular attention to vents. Use at the rate of 1 gallon of spray per 100 birds.

**TO CONTROL Sheep "Tick" or Ked:** Thoroughly wet all portions of the body by dipping or spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal.

**TO CONTROL Fleas, Ticks, Lice, and Mange Mites (adults and larvae) on Dogs and Livestock:** Thoroughly wet the animal by dipping, sponging, or spraying. Allow animal to dry in a warm place without raising or toweling. Gives long lasting protection against reinfestation. Repeat applications at intervals of 2 to 3 weeks. **[NOTE:] DO NOT TREAT PUPPIES LESS THAN TWELVE WEEKS OLD.**

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.

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

**TO CONTROL Fleas, Flies, Ticks, Lice, and Mange Mites (adults and larvae) in kennels, doghouses, runs, and yards:** Thoroughly wet pest breeding or resting areas to runoff. Most efficient pest control is accomplished when heavy pressure and good contact is achieved. Timing and frequency of application 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.

**IN CATTLE BARNS, HORSE BARNS, SWINE HOUSES, KENNELS, MILKING PARLORS, MILK ROOMS, DAIRIES AND POULTRY HOUSES**

**TO CONTROL Flies, Mosquitoes, Meal Worms, Darkling Beetles, and Gnats:**

For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) (0.1%).

For normal infestations, dilute 1 part concentrate in 200 parts water (0.64 ounces per gallon) (4 teaspoonfuls per gallon) (0.5%).

For maintenance use, dilute 1 part concentrate in 400 parts water (0.32 ounces per gallon) (2 teaspoonfuls per gallon) (0.025%).

Apply as a fog or fine mist, directing the spray toward 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.

**FOR USE WITH HOSE END SPRAYER CAP.** The hose end sprayer cap is calibrated to deliver the correct dilution rate. No mixing - no measuring - no mess. Screw hose into back of sprayer cap. Remove bottle cap (save for storage after use). Secure sprayer cap by turning bottle counter-clockwise. Turn on water supply. **TO START FLOW OF INSECTICIDE,** place index finger over hole on right side of sprayer cap. Evenly and completely spray infested areas.

Hold about 3 feet above surface, moving at a steady pace to ensure consistent, thorough coverage. When treatment is complete or you wish **TO STOP FLOW OF INSECTICIDE** for any reason, simply remove finger from hole to break siphon action. **TO STORE REMAINING INSECTICIDE,** turn off water supply and remove bottle from sprayer unit and hose by turning bottle clockwise. Replace cap on bottle and tighten securely. Unscrew hose from sprayer unit and rinse unit in clean water. Store in cool place.

#### STORAGE AND DISPOSAL

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

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

PESTICIDE STORAGE CONTAINERS ONE GALLON AND SMALLER: Store upright at room temperature. Avoid exposure to extreme temperatures.

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

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

#### CONTAINER DISPOSAL ONE GALLON AND SMALLER:

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.

SPECIMEN LABEL