

**TAPP  
GENERAL PURPOSE RESIDUAL SPRAY**

EPA Reg. No. 62719-202

**Revisions:**

1. Directions for Use: Use for control of adult mosquitoes deleted.
2. Environmental Hazards: Wetlands statement revised in accordance with PR Notices 93-3 and 93-8.
3. Formerly B&G label reformatted to reflect DowElanco transfer.
4. Added exclusionary statement to remove outdoor uses of this product from the scope of the Worker Protection Standard.
5. Added Editors note and heading which provided generic reference to Warranty Disclaimer/Inherent Risks of Use/Limitation of Remedies statements which can be added by subregistrant.

[Editor's note: Added text shown with underline and deleted text denoted by ~~strike~~ through.]

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(Product Label)

**TAPP  
GENERAL PURPOSE RESIDUAL SPRAY  
Permanone Stable Emulsion**

For use outdoors and in the home, and in nonfood areas of food/feed processing establishments, kennels, commercial buildings, warehouses, theaters, office buildings, schools, motels, and hotels. For control of fleas, brown dog ticks and lice on premises and on dogs

Apply with Conventional Mechanical or Compressed Air Equipment

~~"Recommended for Commercial/Agricultural Use."~~

Active Ingredient(s)	
Permethrin† .....	0.50%
Inert Ingredients .....	99.50%
Total .....	100.00%

†(3-phenoxyphenyl) methyl (±)cis/trans 3-(2,2-dichloretheny) 2,2-dimethylcyclopropanecarboxylate.  
Cis/trans ratio: min. 35% (±)cis and max. 65% (±) trans.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**  
See Side Panel for Additional Cautions

**Shake Well Before Using**

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DowElanco • Indianapolis, Indiana 46268 U.S.A.

**Insecticide**

**Net Contents**      gal

**Precautionary Statements**

**Hazards To Humans And Domestic Animals**

**CAUTION**

Harmful if swallowed. Avoid contamination of feed and foodstuffs. Remove pets and birds, and cover fish aquaria before space spraying or surface applications.

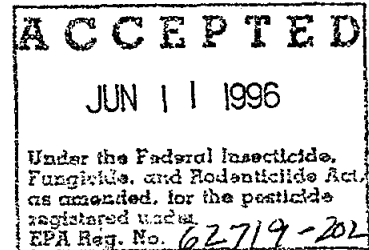
**Statement Of Practical Treatment**

**If swallowed:** Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

**If inhaled:** Remove affected person to fresh air. Apply artificial respiration if indicated.

**If on skin:** Remove contaminated clothing and wash affected areas with soap and water.

**If in eyes:** Flush eyes with plenty of water. Call a physician if irritation persists.



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**Environmental Hazards**

This product is toxic to fish. Do not apply directly to lakes, ponds, streams, tidal marshes or estuaries. 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 by cleaning of equipment or disposal of wastes.

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**Directions For Use**

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

**Shake Well Before Using**

Do not use this product in or on electrical equipment due to a potential shock hazard.

**OUTDOOR APPLICATIONS: Not for use on plants 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 climatic modification and being grown in interior plantscapes, home gardens, ornamental gardens or parks, or on golf courses or lawns and grounds.**

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.  
**Pesticide Storage And Spill Procedures:** Store upright at room temperature. Do not expose to freezing temperatures. 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 Disposal:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approval 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 approved State and local procedures.  
**Containers One Gallon And Smaller:** Do not transport or store below 32 F. Do not reuse container. Wrap container in several layers of newspapers and discard in trash.

**INDOOR APPLICATIONS**

Do not use in the edible product areas of food/feed processing plants, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food is exposed.

Non Food/Feed Areas including (but 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).

Vacate treated areas and ventilate before reoccupying. For maximum effectiveness, a combination of spot, surface treatment and fogging is recommended.

### Surface Spraying

To control cockroaches, waterbugs, palmetto bugs, scorpions, millipedes, centipedes, sowbugs, pillbugs, ants, silverfish, firebrats, spiders, crickets, clover mites, cheese mites, granary weevils, rice weevils, confused flour beetles, rust red flour beetles, drugstore beetles, meal worms, grain mites and cadelles: Use a good sprayer adjusted to 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.

**For silverfish:** spray bookcases.

**To control carpet beetles:** Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, crevices and infested areas of shelving. Repeat treatment as needed.

**To control bedbugs:** Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment as needed.

**To control fleas and ticks (adults and larvae):** Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and entire areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Repeat treatment as needed.

**To control clothes moths:** Remove any infested articles from storage, brush thoroughly, and air for several hours in sunlight if possible. Apply spray liberally to empty chests, closets, bureaus and other storage directing into cracks, joints and crevices. After airing, infested articles may be treated lightly, keeping nozzle at least three feet from fabric to avoid staining.

**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. Spray from a distance of 8 to 10 inches. Treat only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all treated articles to dry thoroughly before use.

### Space Spraying

Close doors and windows of house and shut of ventilation systems. Apply with a good machine adjusted to deliver a fine mist or fog.

**For rapid control of house flies, fruit flies, gnats, mosquitoes, skipper flies, wasps, hornets, bees, black flies, Angoumois grain moths, Mediterranean flour moths, Indian meal moths and tobacco moths:** Direct spray at an upward angle, distributing it uniformly throughout the entire area at a rate of 1 ounce per 1000 cubic feet of space. Keep area closed for 2 hours. Ventilate before reoccupying.

### Fogging

**To kill exposed or accessible stages of the above named crawling insects:** Use a rate of 1 gallon to 20,000 to 40,000 cubic feet of space. Contact insects directly when possible. Keep area closed for 2 hours. Ventilate before reoccupying.

### Insects on Dogs

**To control fleas, ticks and lice:** Start spraying at the tail, moving the dispenser rapidly and making sure that the animal's entire body is covered, including the legs and underbody. While spraying, fluff the hair so that the spray will not penetrate to the skin. Make sure spray wets thoroughly. Do not spray into eyes or face. Avoid contact with genitalia. Repeat if necessary.

**Note:** Not recommended for use on puppies less than four weeks old.

### Insects on Livestock

**To protect cattle (beef and dairy), goats, sheep, hogs and horses from horn flies, face flies, house flies, mosquitoes and gnats:** Apply a light mist sufficient to wet the surface of the hair. For faces flies, spray face and head, but do not spray into eyes.

**To control stable flies, horse flies and deer flies:** Apply at a rate of 2 ounces per adult animal, sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection.

**To control blood-sucking lice:** Apply to the infested areas of the animal, using a stiff brush to get the spray to the base of the hair. Repeat every 3 weeks if required.

**To control poultry lice:** Spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.

**To control bedbugs and mites in poultry houses:** Spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide.

## OUTDOOR APPLICATIONS

### For control of garden insects

For use on roses, dahlias, aster and other ornamentals to kill **Japanese beetles** hit by spray as well as **white flies, aphids, exposed thrips, spiders, red mites and leaf miners.**

May be used on plants as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwoods, English ivy, euonymus, fuschia, geraniums, crassula, grape vines, Kentia palms, laurels, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

Effective when used as directed against **whiteflies, aphids, spider and red mites, exposed thrips, lace bugs, Japanese beetles, pavement ants, clover mites and army worms.**

When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly whenever possible. Repeat treatment as infestations occur.

### ~~Adult Mosquito Control~~

~~Apply as a fine mist to thoroughly treat the entire area. For best results, treat when the wind velocity does not exceed 5 miles per hour. Treat shrubbery or vegetation where mosquitoes may rest.~~

~~Apply at a rate of 2.5 pints per acre (0.9 ounce per 1000 square feet). Using truck-mounted conventional misting equipment to traveling at 5 mph to treat a 300 foot swath, calibrate equipment to deliver 0.95 gallons per minute. Under no conditions should open water be treated with this product.~~

**NOTICE**

Seller's guarantee shall be limited to the terms of this label, and subject thereto, the buyer assumes any risks to persons or property arising out of the use or handling and accepts the product on these conditions.

**Warranty Disclaimer/Inherent Risks of Use/Limitation of Remedies**

[Editor's note: Subregistrant label may include appropriate product warranty and disclaimer statements.]

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