

PERMANONE**MULTI-PURPOSE 10% E.C.**

- * **RECOMMENDED FOR AGRICULTURAL/ COMMERCIAL USE**
- * **BROAD SPECTRUM MULTI-USE INSECTICIDE**
- * **QUICK KNOCKDOWN**
- * **FOR USE OUTDOORS AND IN HOMES, KENNELS, AND NON-FOOD AREAS OF COMMERCIAL BUILDINGS, INSTITUTIONS, WAREHOUSES, THEATERS, OFFICE BUILDINGS, SCHOOLS, MOTELS, HOTELS, RESTAURANTS, AND FOOD/FEED PROCESSING ESTABLISHMENTS**
- * **KILLS GYPSY MOTH CATERPILLARS AND JAPANESE BEETLES**
- * **FOR CONTROL OF FLEAS, BROWN DOG TICKS ON PREMISES AND ON DOGS**
- * **RESIDUALLY CONTROLS FLEAS AND TICKS ON DOGS FOR 35 DAYS**
- * **AIDS IN CONTROL OF TICKS ON DOGS FOR AN ADDITIONAL 2 WEEKS**

ACTIVE INGREDIENT:

*Permethrin: (3-phenoxyphenyl) methyl (+/-)
 cis/trans 3-(2,2-dichloroethenyl) 2,2-
 dimethyl cyclopropanecarboxylate 10.0%

INERT INGREDIENTS 90.0%
 100.0%

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

(Contains Petroleum Distillates)

PERMANONE - Registered Trademark of Roussel Uclaf Corporation.

EPA REG. NO. 4816-688

EPA EST. NO. 279-NY-1

KEEP OUT OF REACH OF CHILDREN**CAUTION****STATEMENT OF PRACTICAL TREATMENT**

IF SWALLOWED: Call a Physician or Poison Control Center immediately. Do not induce vomiting unless under a physician's care. This product contains petroleum distillate. Vomiting may cause aspiration pneumonia.

IF INHALED: Remove person to fresh air. Apply artificial respiration if indicated. Get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN: Do not administer or instill milk, cream or other substances containing vegetable or animal fats which enhance absorption of lipophilic substances.

**SEE SIDE PANEL FOR ADDITIONAL
 PRECAUTIONARY STATEMENTS.**

NET CONTENTS: _____

PRECAUTIONARY STATEMENTS**Hazards To Humans & Domestic Animals****CAUTION**

Harmful if inhaled. Causes moderate eye injury. Avoid breathing vapor or spray mist and contact with eyes, skin or clothing. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling.

Wear full-faced gas mask with canister type recommended for general insecticide protection for applying indoors as a space spray or fog.

Environmental Hazards

This product is highly toxic to fish. 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 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 the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

Physical & Chemical Hazards

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.

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 Disposal: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by 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 approved State and local procedures. **CONTAINERS ONE GALLON AND SMALLER:** Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

CONTAINERS LARGER THAN ONE GALLON: Metal Containers - 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. Plastic containers - Triple rinse or equivalent, then offer for recycling or reconditioning, 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. **Class Containers:** Triple rinse or equivalent, then dispose of in a sanitary landfill or by other approved state and local procedures.

To prepare dilutions, the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water or oil and blend thoroughly. Do not hold dilutions for more than 24 hours.

Roussel Uclaf Corporation
 95 Chestnut Ridge Road
 Montvale, New Jersey 07645

688a 041993tk

ACCEPTED

14 MAR 1995

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 registered for the pesticide
 4816-688

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

5th 5

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed 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 food is served such as dining rooms but excluding areas where foods may be prepared or held. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food/feed should be covered or removed.

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).

Do not apply to classrooms when in use. Do not apply this product in patient rooms or in any rooms when occupied by the elderly or infirm.

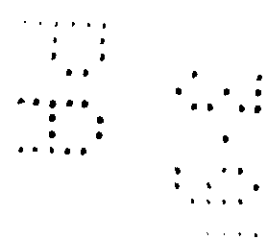
Do not allow spray treatment to contaminate pasture land, cropland, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture.

INDOOR USE AREAS

AIRCRAFT	KENNELS
BAKERIES	MEAT PACKING PLANTS
BEVERAGE PLANTS	MOTELS
CANNARIES	OFFICE BUILDINGS
FLOUR MILLS	RAILROAD CARS
FOOD PROCESSING PLANTS	RESTAURANTS
GRAIN ELEVATORS	SCHOOLS
GRANARIES	SHIPS' HOLDS
HOMES	SUPERMARKETS
HOSPITALS (non-patient areas)	TRUCK TRAILERS
HOTELS	WAREHOUSES
INDUSTRIAL INSTALLATIONS	

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

See Reverse for Use Directions



APPLICATION SITE	PESTS CONTROLLED	USE DIRECTIONS	DILUENT	DILUTION
ALA SPAC SPRAY LIVESTOCK PREMISES: Barns, Milking Parlors, Milk Rooms, Dairies, Feeding Houses, Sows and Livestock Housing.	Flies, Mosquitoes and Gnats	Apply as a fog or fine mist, directing the spray toward the ceiling and upper corners until the area is filled with mist, using about 2 ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep them closed for ten to fifteen minutes. Ventilate the treated area and ventilate before reoccupying. Repeat treatment as necessary.	Water	1 part concentrate in 20 parts water (6.5% concentration)
Bakeries, Beverage Plants, Cantinas, Flow Mills, Food Processing Plants, Greenhouses, Homes, Hospitals, Hotels, Industrial Installations, Kennels, Meat Packaging Plants, Nurseries, Office Buildings, Railroad Cars, Restaurants, Schools, Ships' Hold, Supermarkets, Truck Trailers, Warehouses.	House Flies, Fruit Flies, Gnats, Mosquitoes, Shipper Flies, Wasps, Hornets, Bees, Black Flies, Small Flying Insects.	Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems. When using an oil dilution for space spraying, extinguish all flames and pilot lights when applying. For rapid control of Houseflies, Fruit Flies, Gnats, Mosquitoes, Shipper Flies, Wasps, Hornets, Bees, Black Flies, Small Flying Insects, direct spray at an upward angle distributing it uniformly through the entire area at a rate of 1 ounce per 1000 cubic feet of space. Keep area closed for at least 10 minutes. Ventilate area after treatment and ventilate and sweep up dead insects before reoccupying. For rapid kill of exposed or accessible eggs of other insects named on this label, apply using conventional, mechanical or compressed air equipment (non-thermal) following directions for space spraying.	Oil or Water	1 part concentrate in 20 parts water (6.5% concentration)
Animal Houses, Cows	Mosquitoes, Gnats, biting and non-biting Hg. Gn., Black Flies, and other biting Flies.	Apply using vehicle mounted ULV equipment to create an insecticidal cloud. For best results apply when there is a light breeze (in about 5 mph) and apply in direction of breeze to obtain maximum reach and better distribution. Do not apply if winds exceed 10 mph. The target dose rate to be applied is up to 0.007 lb. a.i. per acre. This can be achieved under different conditions by adjusting the flow of insecticide from the equipment and/or the speed of the vehicle. Apply 3.5 to 7.0 fluid ounces per minute at vehicle speeds of 5-10 miles per hour using nozzles within of 15-30 feet as appropriate to local conditions. At higher vehicle speeds flow rate should be increased proportionately to achieve the target dose rate. Not to be used within 100 feet (30 meters) of lakes and streams. In treatment of animals, feed lots and corral lots, cover any exposed drinking water, drinking fountains and animal feed before application. Allow 24 hours before reentering. Do not apply more than once in a 24 hour period.	Oil or Water	1 part concentrate with 1 part oil or solvent proportioned below on the basis of the speed of the vehicle and the dose rate.

INSECT-SMOKER SPRAYERS: To control house flies, shake well before applying. Cannot be used to treat, remove cap, insert cigarette and screw bottle onto nozzle. Turn on water at the top. When ready to use, place finger over the hole on top of the proper rod. Apply of solution in barns, homes, and lots, saloons, poultry houses, stables and livestock housing: to control House Flies, Stable Flies and other common breeding flies. Also aids in control of Cattle Gnats, Anos, Sp. spray at a steady pace. Spray well and reduce to the point of run-off. Treat no more than once every two weeks. Do not concentrate animals (and or water by spray.

BEST COPY AVAILABLE

APPLICATION SITE	PESTS CONTROLLED	USE D.	DILUENT	DILUTION RATE	APPLICATN. RATE	DOSE RATE
ALA SPRAY Almond, Beharim, Beverage Plants, Canebrake, Flour Mills, Food Processing Plants, Grain Elevators, Grapes, Homes, Hospital, Hotels, Industrial Institutions, Kennels, Meat Packaging Plants, Mosquito, Office Buildings, Railroad Cars, Restaurants, Schools, Ship's Hold, Supermarkets, Truck Trailers, and Warehouses.	Cockroaches, Weevils, Palmate Bugs, Ants, Silverfish, Fleas, Spiders, Grubs, Millipedes, Centipedes, Sawbugs, Pillbugs, Gopher Moths, Cheese Moths, Canary Worms, Rat Weevils, Confined Flour Beetles, Red Box Flour Beetles, Sawtoothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drugstore Beetles, Milkweevils, Grain Moths, and Caddis.	For initial clean up of severe insect infestations: Use a good sprayer adjusted 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 bookshelves for Silverfish. Spray rat walls, nests and points of entry.	Water	1 part concentrate in 10 parts water (10 fl. ounces per gallon)	1 gallon to 750 square feet of surface	
		For normal infestations: Use a good sprayer adjusted 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 bookshelves for Silverfish. Spray rat walls, nests and points of entry.	Water	From 1 to 2 parts concentrate to 40 parts water (3.25 - 6.50 fl. ounces per gallon)	1 gallon to 750 square feet of surface	
	Carpet Beetles	Spray edges of carpeting and under carpeting and rug. Make localized application to floor and baseboards. Spray directly into cracks, crevices and behind area of the rug. Repeat treatment as necessary.	Water	1 part concentrate to 20 parts water (6.5 fl. ounces per gallon)		
	Bedbugs	Spray mattress lightly periodically around side and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Allow all treated surfaces to thoroughly dry before use. Repeat treatment as needed.	Water	1 part concentrate in 10 parts water (6.5 fl. ounces per gallon)		
	Flea and Ticks (Adults and Larvae)	Thoroughly spray infested areas, pet beds, resting quarters, muddy cracks and crevices, along and behind baseboards, moldings, window and door frames, and localized areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. ON DOGS: To control flea, ticks. ALA SPRAY: Start spraying directed product on the tail, moving the dispenser rapidly and making sure that the animal's entire body is covered, including the legs and underbody. While spraying, hold the tail so that the spray goes thoroughly. Do not spray into eyes and nose. Avoid contact with genitalia. Repeat as necessary. Do not use on old, sick or debilitated animals. ALA DIT: Wet the dog with water before treatment. Squeeze, dip or pour directed product on the dog until its fur and skin are thoroughly wet, making sure that the animal's entire body is treated, including the legs and underbody. Do not treat the dog's face. NOTE: NOT RECOMMENDED FOR USE ON PUPPIES LESS THAN FOUR WEEKS OLD.	Water	From 1 to 2 parts concentrate to 40 parts water (3.25 - 6.50 fl. ounces per gallon)		
Trees and Shrubs	Gypsy moth caterpillars and adults, adult Japanese beetles and Rosemary and pear saw caterpillars	Apply to ensure thorough coverage of upper and lower surfaces. On trees and shrubs: Treat trees and shrubs as insects emerge (usually spring). Treat leaves, branches and tree trunks evenly, making sure to penetrate dense foliage. Repeat application every 7 days or 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.	Water	1 part concentrate in 40 parts water (3.2 fl. ounces per gallon of water)		
Walls, ceilings, moldings, screens, door frames, beams, light cords, and similar resting places.	Mosquitoes, Wasps, Gnats, Flies	Treat surfaces using coarse wet spray. Spray to run off.	Water	1 part concentrate in 20 parts of water (6.5 fl. ounces per 1 gallon of water)		
LIVESTOCK SPRAY: Dairy & Beef Cattle, Sheep, Goats, Swine, Horses and Poultry. (For swine, do not spray animals for slaughter within 5 days of last treatment.)	Horn Flies, House Flies, Mosquitoes And Gnats	Apply to wet the hair thoroughly, with particular attention to top-line, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small horned populations or as needed when flies are abundant in large numbers.	Water	1 part concentrate in 100 parts water (1.3 fl. ounces per gallon)		
	Stable Flies, Horse Flies And Deer Flies	Apply a quart per adult animal to wet the hair thoroughly with particular attention to the legs, flanks, barrel, top-line and other body areas commonly attacked by these flies. Repeat treatments as needed.	Water	1 part concentrate in 10-5 parts water (1.3 fl. ounces per gallon)		
	Flea Flies	Apply using spray which produces large wetting droplets. Apply to the face of the animal in the morning before returning to pasture. Apply sufficiently to wet the face but not more than 1.5 ounces per animal. Repeat daily as needed.	Water	1 part concentrate in 100 parts water (1.3 fl. ounces per gallon)		
	Lice (including Poultrey Lice), Hardhead Flea Lice, Mange	Spray coats, walls and nose or mane thoroughly. This should be followed by spraying over the body with a fine mist. For Swine, thoroughly wash animal, including ears. Repeat at 14 days for Mange. Treat Walls and Bedding.	Water	1 part concentrate in 100 parts water (1.3 fl. ounces per gallon)		1 gal per 100 lbs.
	Bedding and Mites in poultry houses	Spray surface of roost poles, walls in walls and inside in walls where the bedding and mites hide.	Water	1 part concentrate in 100 parts water (1.3 fl. ounces per gallon)		
	Sheep "tick" or bot	Thoroughly wet all portions of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to give penetration of the coat. Treat in a cool and shady place. Wet the animal by dipping or spraying.	Water	1 part concentrate in 100 parts water (1.3 fl. ounces per gallon)		
Flies on Livestock (to kill and to prevent against reproduction)		Wet the animal by dipping or spraying.	Water	1 part concentrate in 20 parts water (6.5 fl. ounces per gallon)		

Add Attachment 1

BEST COPY AVAILABLE

11-5

)

.

)

11
20
30
40
50
60
70
80
90
100

5