

**OUTDOOR PEST CONTROL**

**Pests on Outside Surfaces of Buildings:** Use this product to control ants, clover mites, crickets, earwigs, millipedes and sowbugs (pillbugs) on the outside surfaces of buildings. To help prevent infestation of buildings, treat the building foundation to the height of 2 to 3 feet where pests are and may find entrance. Also apply as a residual spray to outside surfaces of buildings including porches, screens, window frames, eaves, patios, garages, refuse dumps, and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.

**House Flies, Mosquitoes, Cluster Flies, Gnats, Flying Moths Outdoors:** For outdoor use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages, and other places where these insects alight or congregate. Repeat as necessary.

**Ants, Deer and Lone Star Ticks, Chiggers, Fleas and Earwigs, Outdoors:** For treatment of localized infestations of these insects in outdoor areas where there are weeds or brushy non-crop areas. Spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat application as infestations warrant and as reinfestations occur.

**Wasps, Hornets, Yellow Jackets and Bees, Outdoors:** Application should be made in late evening when insects are at rest. Aim spray at nest openings in ground, bushes, and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible.

**To Control Fire Ants:** Dilute 2 tablespoons of this product in 1 gallon of water. Apply 1 gallon of solution as a gentle rain to each fire ant mound using a sprinkler can. Thoroughly wet the mound and surrounding area to a 4-foot diameter. For best results, apply in cool weather, 65-80°F, or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity, and treat all colonies which may not as yet have constructed a mound. Larger quantities of solution can be prepared for multiple mound treatments. Equipment to deliver the diluted product as a gentle rain at the rate of 1 gallon per mound is still required. Do not use equipment that produces a pressurized spray as pressurized sprays may disturb fire ants and cause migration, reducing product effectiveness.

**INDOOR PEST CONTROL**

For residual and contact control of cockroaches (waterbugs), crickets, silverfish (firebrats), clover mites, millipedes, centipedes, earwigs, sowbugs (pillbugs), spiders, brown dog ticks, lone star ticks, ants, fire ants, clothes moths, carpet beetles, fleas, boxelder bugs, scorpions, spider beetles, bedbugs, grasshoppers, house flies, mosquitoes, gnats, fruit flies, chigger flies, flying moths, confused flour beetles, saw-toothed grain beetles, shiny grain beetles, grain mites, red flour beetles, anguonous grain mites, grain weevils, Indian meal moths, Mediterranean flour moths, lesser grain borers, cigarette beetles, drug store beetles, chocolate moths, carpet beetles - remove infested grain, cereal or flour and destroy. Avoid contamination of other food and foodstuffs in the area by removing before spraying. Spray directly on exposed stages and into cracks and crevices where grain insects may be hiding. In homes dispose of all infested products. The shelves and drawers should be cleaned and thoroughly sprayed so as to contact all pests and covered with steel paper after allowing shelves to dry. Any utensils that are contacted with spray should be washed before reusing. Repeat as necessary.

**For Bedbugs:** Apply as a spot treatment to cracks and crevices, around baseboards, floorboards, bed-boards and walls. First thoroughly clean and air mattresses and springs. Then spot treat only areas that may harbor bedbugs, concentrating on tufts, folds and seams. Repeat as necessary.

Allow all treated articles to dry thoroughly before reuse.  
**Grain Insects:** To control confused flour beetles, saw-toothed grain beetles, spider beetles, shiny spider beetles, grain mites, red flour beetles, anguonous grain mites, grain weevils, Indian meal moths, Mediterranean flour moths, lesser grain borers, cigarette beetles, drug store beetles, chocolate moths, carpet beetles - remove infested grain, cereal or flour and destroy. Avoid contamination of other food and foodstuffs in the area by removing before spraying. Spray directly on exposed stages and into cracks and crevices where grain insects may be hiding. In homes dispose of all infested products. The shelves and drawers should be cleaned and thoroughly sprayed so as to contact all pests and covered with steel paper after allowing shelves to dry. Any utensils that are contacted with spray should be washed before reusing. Repeat as necessary.

**Spiders:** Spray directly on these pests and use repeated applications to the webbing and all cracks and crevices which harbor spiders.

**Ants:** To kill ants spray trails, nests and points of entry within buildings and homes. Spray directly on ants where possible. Repeat as necessary.

**Wasps, Hornets, Yellow Jackets, Bees, Indoors:** Application should be made in the late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under attic rafters, contacting as many insects as possible. Repeat as necessary.

**House Flies, Mosquitoes, Cluster Flies, Gnats, Fruit Flies, Flying Moths:** Close off all doors and windows. Point sprayer upward. Direct spray mist to all parts of the room, especially windows and other light sources which may attract these insects. Fill the room with mist, then leave the treated area. Keep the room closed for at least 15 minutes. Do not remain in treated room. Ventilate the room when treatment is completed.

**Carpet Beetles and Clothes Moths:** To treat carpets - hold sprayer 14-18 inches from carpet. Apply spray evenly, covering the entire surface with slightly mist. Spray underside of carpet when possible. Avoid wetting or soaking. To Treat Garments, Blankets, Carpets and Other Fabrics: Before Storage: Dry-clean or wash before treatment and after storage. Apply spray evenly, covering the material on both sides until slightly moist. For best results, place treated materials in plastic bags after drying, and store in a dark place. Also spray floor and baseboards, closets, cracks, crevices, misted areas of slaking and/or wherever these insects are seen or suspected.

**NOTE:** When treating upholstery, carpeting, fabric, or finely finished surfaces, apply to an inconspicuous area first to observe any possible adverse reaction.



**CLARKE**

**FILIT™ 13.3 EC**

**CONTROLS INSECT PESTS FOR UP TO 4 WEEKS  
 CONTROLS INSECTS ON PETS AS WELL  
 RECOMMENDED FOR USE BY COMMERCIAL APPLICATORS**

**WARNING**

**KEEP OUT OF REACH OF CHILDREN**  
 See side panel for additional Precautionary Statements and Statement of Practical Treatment

Distributed by

**CLARKE MOSQUITO CONTROL PRODUCTS, INC.**  
 159 N. GARDEN AVENUE  
 ROSELLE, ILLINOIS 60172

**WARRANTY STATEMENT:** Our recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

**ACTIVE INGREDIENT:**  
 Permethrin CAS (52845-53-1) ..... 13.30% w/w  
**INERT INGREDIENTS:** ..... 86.70%  
 100.0% w/w

\*Contains petroleum distillates  
 Contains 1 lb/gal. Active Ingredient

EPA EST. NO. 4-NY-1  
 EPA REG. NO. 4-350-8329

**NET CONTENTS: 1 GAL/3.785 L**

**LOT NO:** \_\_\_\_\_

**DIRECTIONS FOR USE**

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.**  
 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 climactic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.  
 For use in Non-Food areas indoors and outside premises of hotels, motels, homes, preschools, nurseries, day camps, greenhouses, lathouses, seed houses, food handling establishments, packaging and processing plants, commercial industrial, office institutional and storage buildings, dairies, milk storage rooms, egg processing plants, supermarkets, restaurants, bottling plants, canneries, flour and feed mills, bakeries, and hospitals. In hospitals, patients should be removed prior to treatment. Also for use in dog kennels and horse stables. In horse stables, not for application if horses will be used for food.

**DIRECTIONS FOR USE CONTINUED ON BACK and SIDE PANEL  
 IN CASE OF EMERGENCY, CALL INFO TRAC 1-800-535-5053**

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

## WARNING

Causes eye irritation. Do not get in eyes. Avoid contact with skin or clothing. Harmful if swallowed. Avoid breathing vapor. Wash thoroughly after handling. For space spraying indoors wear NIOSH or MSHA approved respiratory protection device.

Do not apply this product in hospital patient rooms while occupied or in any rooms while occupied by the elderly or infirm. Do not apply in classrooms when in use. Do not apply to institutions (including libraries, sports facilities, etc.) when occupants are present in the immediate area. Do not use this product on old, sick, or debilitated dogs.

## STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Call a Physician or Poison Control Center. Do not induce vomiting. This product contains aromatic petroleum solvent. Aspiration may be a hazard. **IF IN EYES:** Flush with plenty of water. Get medical attention. **IF ON SKIN:** Wash with soap and plenty of water. Get medical attention if irritation persists. **IF INHALED:** Remove person to fresh air. Apply artificial respiration if indicated.

## ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

## PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Flashpoint minimum of 105°F (41°C).

## STORAGE AND DISPOSAL

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

**Storage:** Store product in original container in a locked storage area.

**Pesticide Disposal:** Pesticide wastes are toxic; improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **Container Disposal:** Do not reuse container. Wrap container and put in trash.

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/feed is exposed or facility is in operation. Serving areas are areas where prepared food/feed are served such as dining rooms but excluding areas where food/feed may be prepared or held. In the home, cover all foods handling surfaces and cover or remove all food and cooking utensils or wash thoroughly after treatment. Not for use in USDA meat and poultry plants. Nonfood/feed areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries, vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling). Food/feed areas of commercial food/feed handling establishments where the product cannot be used include areas for receiving, serving, storage (dry, cold, frozen, raw), packaging (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage, enclosed processing systems (mills, dairies, edible oils, syrups).

**DO NOT USE THIS PRODUCT IN OR ON ELECTRICAL EQUIPMENT DUE TO THE POSSIBILITY OF SHOCK HAZARD.**

For contact and residual sprays, mix with water in the following manner:

FINISHED SPRAY	FLIT™ 13.3 EC (FLUID OZ.)	WATER
0.25%	2.2/3 (5 1/3 tbsps.)	1 gallon
0.25%	2/3 (4 tbsps.)	1 quart
0.50%	5 1/2 (10 2/3 tbsps.)	1 gallon
0.50%	1 1/3 (8 tbsps.)	1 quart

For heavy infestations, use the 0.50% dilution. For lighter infestations and for maintenance purposes, use the 0.25% dilution. One gallon of finished spray is sufficient to treat 1,580 linear feet with a 6-inch spray band.

**INSTRUCTIONS FOR USE ON ANIMALS AND ANIMAL PREMISES:** Recommended for Commercial Use. Cattle barns, swine houses, milk rooms, kennels, poultry houses, horse barns, dairies, milking parlors, feed lots, stables, and paddocks.

For initial clean up of severe insect infestations, dilute at a rate of 1 part concentrate in 25 parts water (5.5 ounces per gallon) (0.5%). For normal infestations dilute 1 part concentrate in 133 parts water (1.00 ounces per gallon) (0.1%).

PESTS	DILUTIONS	HOW TO APPLY
<b>PESTS ON FARM PREMISES (Barns, Dairies, Laying Sheds, Milking Parlors, Feedlots, Stables, Paddocks, and Livestock Housing)</b>	<p>Infestations, Stables, barns, Houses and cow manure: Dilute 1 pt in 133 gal water</p> <p>Infestations, Feed Lots, Milking Parlors, Laying Sheds, and other livestock housing: Dilute 1 qt in 33 gal water</p>	Spray walls and surfaces in the part of house about 1 gal per 750-1000 sq. ft. Treat no more than every 2 weeks. Do not contaminate areas of feed or water by spray. Do not use in milk rooms.
<b>PESTS ON DOG PREMISES (Kennels, Dog Houses, Runs, and Yards)</b>	<p>Flies, Fleas, Lice and other parasites: Dilute 1 pt in 133 gal water</p> <p>Flies (kitchen and barn): Dilute 1 qt in 33 gal water</p>	Thoroughly wet pet bedding or resting areas to control fleas. Effectively treat kennel's accommodations when heavy pressure and good control is achieved. Treat and frequency of applications should be based on pest population reaching nuisance level. Do not accompany means removal and sanitation practices should precede spray. Do not spray feed, food or water. Repeat as needed but not more often than once every 10 weeks.
<b>PESTS IN CATTLE BARN, HORSE BARN, SWINE HOUSES, KENNELS, MILKING PARLORS, MILK ROOMS, DAIRIES, POLYTRY HOUSES, FEEDLOTS, STABLES AND PADDOCKS</b>	<p>Flies, Houseflies and Gnats: Dilute 1 qt in 133 gal water</p> <p>Flies, Houseflies: Dilute 1 qt in 33 gal water</p>	<p>FOG OR FINE MIST: Apply directly to the ceiling and upper corners until the area is filled with mist. Use about 2 oz per 100 cubic feet of space. For best results, close doors and windows before spraying and keep closed for ten to fifteen minutes. Ventilate the treated area and withdraw before reoccupying. Repeat treatment as necessary.</p>
<b>PESTS ON LARGE ANIMALS (Horn or Beef Cattle, Horses, Sheep and Goats)</b>	<p>Flies, Hornflies, Horseflies, Ear Ticks: Dilute 1 qt in 10 gal of water</p> <p>Flies, Hornflies, Horseflies, Ear Ticks: Dilute 1 qt in 33 gal water</p> <p>Flies, Hornflies, Horseflies, Ear Ticks: Dilute 1 qt in 33 gal water</p> <p>Flies, Hornflies, Horseflies, Ear Ticks: Dilute 1 qt in 33 gal water</p>	<p>SPRAY to thoroughly cover entire animal. For lice or ticks, a second treatment is recommended 14-21 days later. Spray banding only once after maling is completed.</p>
<b>PESTS ON SWINE AND POLYTRY (Do not step water for sows/pigs within 5 days of last treatment)</b>	<p>Meat, Pork, Bacon, Lard: Dilute 1 qt in 33 gal water</p> <p>Meat, Pork, Bacon, Lard: Dilute 1 qt in 33 gal water</p> <p>Meat, Pork, Bacon, Lard: Dilute 1 qt in 33 gal water</p> <p>Meat, Pork, Bacon, Lard: Dilute 1 qt in 33 gal water</p>	Spray at the rate of 1/2 oz per pint, or 1 qt per 100 lbs., with a fine mist. Spray rooms, walls and nests or cages.
<b>PESTS ON BIRDS (Cage Birds, Pigeons, Chickens, Ducks, Geese, Turkeys, etc.)</b>	<p>Flies, Lice, Ear Mites, Ear Ticks: Dilute 1 qt in 33 gal water</p> <p>Flies, Lice, Ear Mites, Ear Ticks: Dilute 1 qt in 33 gal water</p> <p>Flies, Lice, Ear Mites, Ear Ticks: Dilute 1 qt in 33 gal water</p>	<p>RE-DO BIRDS: USE BEFORE EACH USE. USE ONLY ON BIRDS. Do not repeat treatment for more than 10 days. Do not use on ducks under 10 weeks (10 weeks). Control a waterborne infestation using the product on individual, good, frequent, spraying or spraying. Always control by in a warm place without misting or banding. Give birds plenty of water. Repeat applications and applications at intervals of 2 to 3 weeks. Repeat applications as necessary. Sometimes may occur after using ALL pesticides product for pest. 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. In case of emergency, call 1-800-544-5423 (Hazard Poison Control Center).</p>