



U.S. ENVIRONMENTAL PROTECTION AGENCY  
 Office of Pesticide Programs  
 Registration Division (7505P)  
 1200 Pennsylvania Ave., N.W.  
 Washington, D.C. 20460

**EPA Reg. Number:**

53883-388

**Date of Issuance:**

12/15/16

**NOTICE OF PESTICIDE:**

Registration  
 Reregistration  
 (under FIFRA, as amended)

**Term of Issuance:**

Conditional

**Name of Pesticide Product:**

CSI 16-110 PERMETHRIN

**Name and Address of Registrant (include ZIP Code):**

Lisa Adamson  
 Regulatory Manager/Regulatory Affairs  
 Control Solutions, Inc.  
 5903 Genoa Red Bluff  
 Pasadena, TX 77507

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A). You must comply with the following conditions:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data.

**Signature of Approving Official:**

Kable Bo Davis, Product Manager 03 and 04  
 Invertebrate & Vertebrate Branch 1  
 Registration Division (7505P)

**Date:**

12/15/16

2. You are required to comply with the data requirements described in the DCI and EDSP Orders identified below:
  - a. Permethrin GDCI-109701-1252
  - b. Permethrin GDCI-109701-1281
  - c. Permethrin GDCI-109701-1113
  - d. Permethrin EDSP-109701

You must comply with all of the data requirements within the established deadlines. If you have questions about the Generic DCI and EDSP Orders listed above, you may contact the Chemical Review Manager in the Pesticide Reevaluation Division:

<http://iaspub.epa.gov/apex/pesticides/f?p=chemicalsearch:1>

3. Make the following label changes before you release the product for shipment:
  - Revise the EPA Registration Number to read, “EPA Reg. No. 53883-388.”
4. Submit one copy of the final printed label for the record before you release the product for shipment.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you fail to satisfy these data requirements, EPA will consider appropriate regulatory action including, among other things, cancellation under FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSF:

- Basic CSF dated 04/26/2016

If you have any questions, you may contact Elizabeth Fertich at 703-347-8560 or via email at [fertich.elizabeth@epa.gov](mailto:fertich.elizabeth@epa.gov).

Enclosure

[Text in brackets and italics are notes to the label editor.]  
[Text in brackets alone are optional statements or alternative statements.]

# CSI 16-110 Permethrin

CONTROLLED RELEASE PERMETHRIN  
[ABN: Permethrin CS, Permethrin 25 CS]

**[KILLS:** Ants (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh), Bees, Boxelder Bugs, Cadelles, Carpenter Bees, Centipedes, Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Cockroaches, Crickets, Darkling Beetles, Dermestids, Drugstore Beetles, Earwigs, Elm Leaf Beetles, Firebrats, Fleas, Flies, Flour Beetles, Grain Weevils, Hide Beetles, House Flies, Indian Meal Moths, Larder Beetles, Lesser Grain Borers, Lesser Mealworms, Mediterranean Flour Moths, Merchant Grain Beetles, Mealworms, Millipedes, Mosquitoes, Pill Bugs, Rice Weevils, Sawtoothed Grain Beetles, Scorpions, Silverfish, Sow Bugs, Spiders (excluding Black Widow and Brown Recluse), Springtails, Ticks, Warehouse Moths, Webbing Clothes Moths, Wood-infesting Borers and Beetles]

**FOR USE IN AND AROUND:** Apartments, Calf Hutches, Calving Pens and Parlors, Campgrounds, Empty Chicken Houses, Dairy Areas, Dog Kennels, Hog Barns, Homes, Horse Barns, Hospitals\*, Hotels, Milkrooms, Motels, Non-Food Areas of (Food Storage areas, Grain Mills, Granaries, Meat Packing Plants, and Supermarkets), Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes\*), Utilities, Warehouses, Commercial, Institutional\* and Industrial Buildings.

\*Refer to the Use Restrictions section for special instructions regarding use of this product in these sites

**ACTIVE INGREDIENTS:**

Permethrin..... 23.6%

**OTHER INGREDIENTS:** ..... 76.4%

**TOTAL:** ..... 100.00%

Contains 250 grams per liter of permethrin



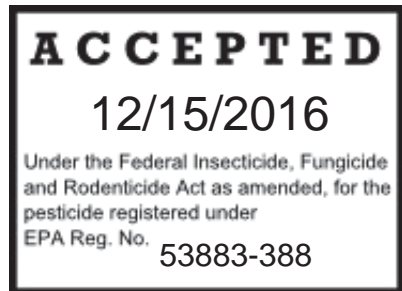
ADAMA

Consumer &  
Professional  
Solutions

**Manufactured for:**  
Control Solutions, Inc.  
5903 Genoa Red Bluff  
Pasadena, TX 77507

EPA Reg. No: 53883-XXX  
EPA Est. No: \_\_\_\_\_  
Net Contents: \_\_\_\_\_

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**



| <b>FIRST AID</b>  |   |
|---|---|
| <b>If swallowed:</b>  | <ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul> |
| <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International for emergency medical treatment at (866) 897-8050.</p> |   |

### **PRECAUTIONARY STATEMENTS**

#### **Hazards to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco, or using the toilet. Wear long-sleeved shirt and long pants, shoes, socks and chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber or Viton®. Remove and wash contaminated clothing before reuse.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

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 the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

Under some conditions, it may also have a potential for transport into surface water in runoff (primarily absorbed to suspended soil particles), for several months or more after application. These include poorly drained or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, and areas overlying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-lying tile drainage systems that drain to surface waters.

This pesticide 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 foraging the treatment area.

*[If packaged in containers greater than 5 gallons:]*

[Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.]

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are Barrier Laminate or Nitrile Rubber or Neoprene Rubber or Viton. If you want more options, follow the instructions for category E on an EPA chemical-resistant category selection chart.

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

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves for all handlers except for applicators using motorized ground equipment, pilots, and flaggers
- Chemical-resistant apron for mixers/loaders, persons cleaning equipment and persons exposed to the concentrate.

### 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 pesticides get 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. As soon as possible, wash thoroughly and change into clean clothing.

### DIRECTIONS FOR USE

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

**KILLS:** Ants (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh), Bees, Boxelder Bugs, Caddisflies, Carpenter Bees, Centipedes, Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Cockroaches, Crickets, Darkling Beetles, Dermestids, Drugstore Beetles, Earwigs, Elm Leaf Beetles, Firebrats, Fleas, Flies, Flour Beetles, Grain Weevils, Hide Beetles, House Flies, Indian Meal Moths, Larder Beetles, Lesser Grain Borers, Lesser Mealworms, Mediterranean Flour Moths, Merchant Grain Beetles, Mealworms, Millipedes, Mosquitoes, Pill Bugs, Rice Weevils, Sawtoothed Grain Beetles, Scorpions, Silverfish, Sow Bugs, Spiders (excluding Black Widow and Brown Recluse), Springtails, Ticks, Warehouse Moths, Webbing Clothes Moths, Wood-infesting Borers and Beetles

**FOR USE IN AND AROUND:** Apartments, Calf Hutches, Calving Pens and Parlors, Campgrounds, Empty Chicken Houses, Dairy Areas, Dog Kennels, Hog Barns, Homes, Horse Barns, Hospitals\*, Hotels, Milkrooms, Motels, Non-Food Areas of (Food Storage areas, Grain Mills, Granaries, Meat Packing Plants, and Supermarkets), Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes\*), Utilities, Warehouses, Commercial, Institutional\* and Industrial Buildings.

## PRODUCT INFORMATION

Kills pests on contact but does not provide instant knockdown. Apply this product only as specified on this label. This product is a liquid microencapsulated concentrate containing 2 lbs of permethrin per gallon. This product may be used on any surface which will not be damaged or stained by water. Heavy applications may leave a visible deposit on some surfaces. This deposit can be removed with a damp cloth or sponge.

In situations where conventional application methods have not or are not likely to provide adequate coverage, foam-generating equipment or similar machines can be used to provide a continuous coverage. Use drier foam inside wall voids to avoid any water damage or electrical short circuits.

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 foods are served such as dining rooms but excluding areas where foods may be prepared or held. In the home, remove or cover all food/feed processing surfaces and exposed utensils, in the treatment area, prior to application or wash thoroughly before use; remove or cover any exposed food/feed prior to application. Nonfood/feed areas are areas such as garbage rooms, restrooms, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

## USE RESTRICTIONS

- Do not water the treated area to the point of run off
- Do not make applications during the rain
- Do not apply this product through any type of irrigation system
- Do not apply water-based sprays of this product to wall outlets, conduits, motor housing, junction and switch boxes or other electrical equipment where electrical short circuits might result because of possible shock hazard
- Do not apply in aircraft cabins,
- Do not apply to humans, their clothing or bedding.
- Do not apply to firewood.
- Do not contaminate food or use on household pets. Cover fish tanks prior to applications.
- Do not allow children or pets to contact treated surfaces until spray has dried.
- Do not apply in patient rooms while occupied or in any rooms while occupied by the elderly or infirm.
- Do not contaminate food, feedstuffs or water supply. Do not contaminate food preparation surfaces, kitchen utensils, dishes, or food storage containers. Cover any food/feed contact surfaces and cooking utensils, in the treatment area, during treatment or thoroughly clean before using.
- Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed (see Product Information section for additional information).
- Do not apply to classrooms when in use.
- Do not apply when occupants are present in the immediate area in institutions such as libraries, sport facilities, etc.
- Do not apply directly to sewers or drains, or to any area like a gutter where drainage to sewers,

storm drains, water bodies, or aquatic habitat can occur, except as directed by this label.

### MIXING INSTRUCTIONS

Thoroughly clean spray equipment before using this product. Shake concentrate well before diluting. When diluting, first add approximately 1/2 of the water to the spray tank and then add the proper amount of product. When emptying the bottles, triple rinse with water, shake well and add the rinsate to the spray tank. Add the rest of the water and agitate the sprayer thoroughly. Agitate sprayer occasionally during use to ensure even mixture. Shake or re-agitate sprayer if spraying is interrupted or if dilution is left in sprayer overnight. If spray screens are used, they should be 50 mesh or larger.

**FOAM APPLICATION USE DIRECTIONS:** This product can be converted to a foam and the foam used to treat structural voids to kill insect and arthropod pests in walls, under slabs or in other void areas. Apply as a dry foam (approximately 25:1). Fill void with foam so that all surfaces are contacted. Mix end-use dilution with manufacturer's recommended volume of foaming agent. Use the recommended rate suspension converted to a foam to achieve the desired foam expansion ratio. Verify before treatment that the foaming agent is compatible with product.

| SPRAY DILUTION CHART  |                   |              |
|---|-------------------|--------------|
| Amount of Finished Spray  | Spray Concentrate |              |
|   | 0.5% Spray        | 1.0% Spray   |
| 1 gallon  | 2 2/3 fl.oz.      | 5 1/3 fl.oz. |
| *Use the higher rate for clean-outs and high insect infestations. |                   |              |

### INDOOR TREATMENTS

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

Dilute product to 0.5% or 1.0% with water using the spray dilution chart. Apply as a crack and crevice treatment and/or selected spot application to areas where insects may be hiding, living and breeding. Nonfood / feed areas are areas such as garbage rooms, restrooms, floor drains to sewers) entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

**CENTIPEDES, COCKROACHES, CRICKETS, DERMESTIDS, EARWIGS, FIREBRATS, MILLIPEDES, PSOCIDS, SILVERFISH, SOWBUGS, SPIDERS (excluding Black Widow and Brown Recluse):** Apply as a crack and crevice treatment and/or selected spot application into hiding places such as cracks and crevices, void areas, moist areas, openings around pipes and sinks and under refrigerators. Repeat as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

**FLIES:** Make spot applications of product on surfaces where flies rest in the dark at night or frequent during the day, such as window frames, screens, trash cans, ceilings and upper wall surfaces.

**CARPET BEETLES (Dermestids):** Treat along edges of carpet, under carpet edge, furniture, throw rugs and as a crack and crevice application in closets and other shelving where infested items are stored. Do not treat clothing with this product. Repeat application as necessary, but not more than twice per week. Treatments must be at least 3 days apart.



**TICKS:** Apply as a spot and/or crack and crevice treatment in infested and egg laying areas such as pet resting quarters, nearby cracks and crevices, behind baseboards, doors and window frames. Replace old pet bedding with clean, fresh bedding after treatment. Do not treat pets with this product. Repeat application as necessary, but not more than twice per week, Treatments must be at least 3 days apart.

**ANTS (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh ants):** Inject cracks, crevices and voids where ants may be traveling and/or harboring, including but not limited to, around doors, window frames, and other structural cracks, crevices and voids. Spot treatment of trails and feeding areas may also be made.

**STORED PRODUCT PESTS (exposed Adult and Immature stages):** Before storing products, treat warehouses, production facilities, storage areas, rail cars, truck beds and other areas where products are stored, Apply as a spot and/or crack and crevice treatment to cracks, crevices and surfaces where pests have been seen or may have harborage. This product may be used to treat grain storage facilities and other listed areas for stored product pests. Cleaning areas prior to using this product will enhance kill. Remove and destroy any infested foodstuffs.

#### **INDOOR AND OUTDOOR TREATMENTS**

Select one of the following dilutions, 0.5% or 1.0%, for insects listed below unless otherwise noted.

**HIBERNATING STAGES OF BOXELDER BUGS, ELM LEAF BEETLES, CLUSTER FLIES AND CLOVER MITES:** Inject cracks, crevices and/or voids where these insects may be harboring or hibernating. Infested areas include, but are not limited to, cracks and crevices in weep holes, wall voids, around window and door frames and under siding. Treat wall area around entry points on exterior where insects congregate. Repeat application as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

**CARPENTER ANTS:** Make spot and/or crack and crevice applications to any trails, inside or outside around doors and windows, and other places where ants enter premises. Areas which may be treated include, but are not limited to, atriums, crawl spaces, ceilings, garages, soffits, wall voids, weep holes and other void areas. Where possible, treat ant nest or infested wood directly. Repeat application as necessary, but not more than twice per week. Treatments must be at least 3 days apart.

**BEEES:** As a preventative treatment to help prevent these insects from building nests or workers from congregating on structures, follow perimeter treatment directions under Outdoor Treatments section of label. Pay particular attention to soffit and eave areas. For treatment of nest inside wall voids, inject into the nest a sufficient quantity to treat the entire nest.

More than one point of application may be required. Most applications should require no more than 1/2 gal of diluted material. Pay particular attention to what the water may contact, such as electrical wiring. Do not use where there is a shock hazard.

THIS PRODUCT DOES NOT PROVIDE INSTANT KNOCKDOWN. The best time to treat is late in the day. The colony should be dead in 2 - 3 days, Depending on the situation, protective equipment for the applicator may be required (is advisable).



**MOSQUITOES:** Apply at the 0.5% rate. Apply directly to walls, ceilings, window screens, and other resting areas as a surface treatment. May be used inside residential buildings as well as in and around carports, garages, and storage sheds; also see Outdoor Treatments. Apply as a general structural perimeter spray to landscape plantings, turf, and building foundations to kill mosquitoes. Yards or other frequented areas enclosed by landscaping can benefit from the creation of a mosquito barrier to reduce invading mosquitoes by the treatment of perimeter vegetation. Higher volumes applied result in better coverage and, as a rule, will improve kill. Application to vegetation away from structures may require additional certification, e.g. in turf or ornamental categories. Consult your state regulatory agency for requirements.

**WOOD DESTROYING INSECTS: Localized treatment of wood-infesting insects - Beetles and Borers (such as the following families: Anobiidae, Bostrichidae, Buprestidae, Cerambycidae, Lyctidae, Oedemeridae, Sesiidae):** Locate suspected infestation and/or insect tunnels and cavities. Drill pilot holes into insect tunnels, gallery and inaccessible closed voids. Drill holes 8 - 10" apart to ensure thorough coverage. Inject 5 - 10 sec/hole. Do not contact electrical wiring, plumbing, etc. Use the 1.0% rate.

**BROADCAST TREATMENT OF WOOD FOR USE AGAINST WOOD-INFESTING INSECTS AND NUISANCE PESTS OUTSIDE OF STRUCTURE:** Apply a 0.5% emulsion with a fan spray using a maximum of 25 psi. Apply just to the point of runoff. To kill wood-infesting insects active inside trees, utility poles and/or fence posts, drill to find the interior infested cavity and inject a 0.5% emulsion. To kill bees, apply 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.

#### **OUTDOOR TREATMENTS**

**KILLS:** Ants (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh ants), Boxelder Bugs, Carpenter Bees, Carpet Beetles, Centipedes, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Earwigs, Elm Leaf Beetles, Fleas, Flies, Millipedes, Mosquitoes, Psocids, Scorpions, Silverfish, Sowbugs, Spiders (excluding Black Widow and Brown Recluse) and Ticks.

#### **Not for use in Outdoor Residential Misting Systems.**

This product can be used as a treatment on outdoor surfaces and/or as a crack, crevice and void treatment of buildings, porches, window frames, eaves, patios, garages, garbage dumps and other areas where pests congregate or enter premises. Repeat treatment as necessary to maintain effectiveness, but not more than twice per week. Treatments must be at least 3 days apart. Use the 0.5% rate. This product can kill pests in outdoor void areas such as meter boxes and manholes. Repeat treatment as necessary, but not more than twice per week. Treatments must be at least 3 days apart. Use the 0.5% rate.

**MOSQUITOES:** To kill adult mosquitoes, use hand held, back-pack or truck mounted sprayers only. Not for use in wide area local, state or federal control programs. Not for use with truck mounted cold aerosol ULV sprayers, hand held cold aerosol ULV sprayers or thermal fogging devices. Do not apply by aircraft. Do not apply through any kind of irrigation and/or lawn sprinkler systems. Use up to 150 gal of diluted spray per acre. Treat shrubbery, vegetation and other areas where mosquitoes may rest.

Direct application of this product to any body of water is prohibited.

**RESTRICTIONS:  
USE ON OUTSIDE SURFACES AND AROUND BUILDINGS**

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 foundations, 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.

Apply using a 0.5% emulsion as a spray to cracks and crevices of outside surfaces of buildings including, but not limited to, exterior siding, foundation, porches, window frames, eaves, patios, garages; to refuse dumps or lawn areas adjacent or around private homes, duplexes, townhouses, condominiums, house trailers, apartment complexes, carports, garages, fence lines, storage sheds, barns, other residential structures, commercial, industrial and institutional buildings or soil, trunks of woody ornamentals and other areas where pests congregate or have been seen. Repeat treatment as necessary to maintain effectiveness.

**PERIMETER TREATMENT:** To help prevent infestations of buildings, treat a band of soil 5 - 10 ft wide around and adjacent to the building. Also treat the building foundation to a height of 2 - 3 ft where pests are active and may find entrance. Treat other insect entry points such as doors, windows, under siding and eaves of structure. May be applied in compressed air, backpack or power spray equipment. An application rate of 2 2/3 oz/1,000 sq. ft. is desirable. Apply in a sufficient amount of water to adequately cover the area being treated, but avoiding dripping or run-off. Alternate directions are to use 10 - 20 fl. oz. of product per 50 gal of water.

| <b>DILUTION CHART</b>      |   |
|----------------------------|---|
| <b>Tank Size (gallons)</b> | <b>Suggested Amount of Concentrate per Tank</b> |
| 15                         | 4 – 8 fl. oz.                                   |
| 25                         | 7 – 14 fl. oz.                                  |
| 50                         | 10 – 20 fl. oz.                                 |
| 100                        | 20 – 40 fl. Oz.                                 |

**FLIES:** Treat cracks and crevices around screens, doors, window frames or wherever flies enter. Also treat surfaces on porches, in garages and other places where insects light or congregate. Repeat as necessary. Treat normal fly resting areas such as ceilings, upper corners of the area, around windows and doors, and other surfaces. Treat inside and outside surfaces of dumpsters and other trash holding containers. Treat trash storage areas. Treat as to lightly moisten the target surface. For best results, begin treatments at the start of the fly season and repeat during periods of heavy fly activity. Treat no more than twice per week and at least 3 days apart.

**CRAWLING INSECTS:** including **Ants (foraging Carpenter, Fire and Harvester ants; excluding Pharaoh ants), Cockroaches, Crickets, Earwigs, Sowbugs and Scorpions:** For treatment of infestations of these insects in outdoor areas which are landscaped, planted, mulched or

unmaintained. For ants, treat mounds and runways. Repeat application as infestation warrants and as reinfestation occurs. Apply to cracks and crevices where insects may enter premises. Areas to be treated include, but are not limited to, weep holes, under siding, wall voids, soffits, around attic vents, cracks and crevices, openings around windows, doors and pipes. Treatment of infested fences and tree holes is permitted.

**FLEAS:** Treat infested areas with the 0.5% rate.

**FOAM APPLICATION USE DIRECTIONS:** See instructions under MIXING INSTRUCTIONS.

**PESTS UNDER SLABS:** Infestations of arthropods, such as Ants (foraging Carpenter, Fire, and Harvester ants; excluding Pharaoh ants), Cockroaches and Scorpions inhabiting the area under slabs may be killed by drilling and injecting or horizontal rodding. Using a 0.5% - 1.0% emulsion, inject 1 gal/10 sq. ft. or 2 gal / 10 ft.

**CRAWL SPACES:** Broadcast product at 0.5% to all surfaces in crawl space to kill Ants (foraging Carpenter, Fire, and Harvester ants; excluding Pharaoh ants), Fleas, Roaches, Scorpions or other arthropods. Product may also be applied under the structure through insecticidal delivery systems such as piping or flexible tubing mounted under the structure. This treatment is not intended as a substitute for termite control, Treat surfaces thoroughly but do not allow runoff to occur. Keep children and pets off surface until dry.

#### **USE IN AND AROUND LIVESTOCK HOUSING**

May be used in and on outside surfaces of buildings.

Barns, Dairies, Feedlots, Livestock Houses, Poultry Houses, Stables and Swine Houses:

- Do not apply to lactating or food animals.
- Do not contaminate milk, food or drinking water.
- Remove all animals prior to making application to housing.
- Do not apply or allow insecticide to drift onto animals.
- Do not allow animals to enter treated areas until surfaces are dry.

**HOUSE FLIES AND STABLE FLIES:** To kill these pests on outdoor surfaces and in animal areas such as dog kennels, hog barns, horse barns, empty chicken houses, rabbit hutches, dairy areas, milk rooms, calf hutches, calving pens and parlors: Treat normal fly resting areas such as ceilings, screens, upper carriers of the areas, around windows and doors, light fixtures and other surfaces known to attract flies. Apply as a coarse, wet spray. Using a 0.5% or 1.0% emulsion, apply at the rate of 1 gal/1,000 sq. ft. of surface, For best results, initiate treatments at the beginning of the fly season and repeat during periods of heavy fly activity. Treat no more than twice per week and at least 3 days apart.

**DARKLING BEETLES:** Apply 2 2/3 - 5 1/3 fl. oz. concentrate / 1,000 sq. ft. Use adequate water to ensure distribution.

**PERIMETER TREATMENT:** To kill other pests and to help prevent infestations of buildings, treat a band of soil 5 – 10 ft. wide around and adjacent to the building. Also treat the building foundation and sides where pests are active and may find entrance. Treat other insect entry points such as doors, windows, under siding and eaves of structure. Product may be applied in compressed air, backpack or power spray equipment. An application rate of 1.0 fl. oz. of product/1,000 sq. ft. is desirable. Apply in a sufficient amount of water to adequately cover the area being treated, but avoiding dripping or

run-off.

#### **STORAGE AND DISPOSAL**

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

**STORAGE AND SPILL PROCEDURES:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spillage or leakages, 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:**

For Containers equal to or less than 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available: then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

For Containers greater than 5 Gallons: Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times.

Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available: then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

For Bulk containers: (Refillable Container): Refill this container with pesticides only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the re-filler. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

#### **WARRANTY STATEMENT**

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent with applicable law, Control Solutions, Inc. shall in no event be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed

by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except, as expressly provided herein, Control Solutions, Inc. makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, the exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damage resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at Control Solutions, Inc.'s election, the replacement of this product.