STATE OF HAWAII
Department of Agriculture
ACCEPTED
LICENSE NO.
8218.26

# D-FENSE™ DUST

INSECTICIDE

**Provides Control of Ants, Bees, Cockroaches, Fleas, Silverfish, Ticks, Termites (localized control only) and numerous stored product pests.**

- **Kills crawling insects if left undisturbed for up to 8 months**
- **For use indoors and outdoors**
- **Does not clump or absorb moisture**
- **Non-staining**

**Active Ingredient:**

| | |
|---|---|
| Deltamethrin | **0.05%** |
| **Other Ingredients*:** | **99.95%** |
| **Total:** | **100.00%** |

**EPA Reg. No. 53883-283** **EPA Est. No. 67572-GA-1**

KEEP OUT OF REACH OF CHILDREN

## CAUTION

**PRECAUCION AL USARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente. **(TO THE USER:** IF you cannot read English, do not use this product until the label has been fully explained to you.)

**See inside booklet for additional Precautionary Statements, Storage and Disposal instructions and Directions for Use.**

**NET CONTENTS**
**1 LB.**

0 72693 02479 3

CSI
CONTROL SOLUTIONS incorporated
**5903 Genoa-Red Bluff**
**Pasadena, TX 77507-1041**

# D-FENSE™ DUST

Insecticide

**Provides Control of Ants, Bees, Cockroaches, Fleas, Silverfish, Ticks, Termites (localized control only) and numerous stored product pests.**

- Kills crawling insects if left undisturbed for up to 8 months
- For use indoors and outdoors
- Does not clump or absorb moisture
- Non-staining and odorless

**Active Ingredient:**

| | |
|---|---|
| Deltamethrin | 0.05% |
| **Other Ingredients:** | 99.95% |
| **Total** | 100.00% |

KEEP OUT OF REACH
OF CHILDREN

# CAUTION

**EPA Reg. No. 53883-283 EPA Est. No. 67572-GA-1**

**PRECAUCION AL USARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente. (**TO THE USER:** IF you cannot read English, do not use this product until the label has been fully explained to you.)

See inside booklet for additional Precautionary Statements, Storage and Disposal instructions and Directions for Use.

Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

## PRECAUTIONARY STATEMENTS

### Hazards To Humans & Domestic Animals

**CAUTION:**

Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

| FIRST AID | |
|---|---|
| **If on Skin:** | • Take off contaminated clothing.<br>• Rinse skin immediately with plenty of water for 15-20 minutes.<br>• Call a poison control center or doctor for treatment advice. |
| **If in eyes:** | • Hold eye open and rinse slowly and gently with water for 15-20 minutes.<br>• Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye.<br>• Call a poison control center or doctor for treatment advice. |
| **HOT LINE NUMBER** | |
| 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 (866) 897-8050 for emergency medical treatment information. | |

## ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic invertebrates. 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.

## DIRECTIONS FOR USE

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

**IMPORTANT:** Read the entire Directions for Use, Precautions and Disclaimer of Warranties before using this product.

## STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Do not reuse empty container.

**PESTICIDE STORAGE:** Mix only as needed. Do not store diluted material. Do not store near food or feed. In case of spill on floor or paved surfaces, sweep up and remove to chemical waste storage area until proper disposal can be made.

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

**CONTAINER DISPOSAL (1 lb container): Non-refillable container.** Do not reuse or refill this container. After insuring that the packet is completely empty, crush and dispose of in trash container. 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.

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 climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

## PRODUCT INFORMATION

D-FENSE DUST is a ready-to-use insecticide dust which exhibits effective knockdown and residual control against the pests listed when used according to label directions.

D-FENSE DUST can be used for residual pest control in and on buildings and structures and their immediate surroundings.

Do not use in aircraft cabins.

Permitted areas of use include but are not limited to: Animal quarters/ kennels, apartment buildings, bakeries, breweries, buses, canneries, cafeterias, dairies, food/feed manufacturing, processing and service establishments, greenhouses (non-commercial), grocery stores and supermarkets, industrial buildings and installations, laboratories, mausoleums, meat slaughtering and packing plants, recreational vehicles, nursing homes/ day care centers, rail cars, restaurants, schools, sewers and underground tunnels, stores and institutions, supermarkets, telecommunication conduits, theatres, trucks/trailers, utility vaults and conduits, vessels, warehouses and zoos.

D-FENSE DUST is intended for applications with hand or power duster, with a paint brush or equivalent means, to hiding and runway areas and other places where insects are found. In living areas, make applications in such a manner as to avoid depositions on exposed surfaces or introducing material into the air.

In the home, all the food processing surfaces and utensils must be covered during treatment or thoroughly washed before use. Exposed food must remain covered or be removed.

## APPLICATION INSTRUCTIONS

To apply insecticide directly into cracks and crevices, use a bulbous duster or suitable equipment. Apply lightly and uniformly to infested area. Pay particular attention to cracks and crevices; service ducts; false floors and ceilings; wall voids; around electrical and telephone fittings and equipment; around

water and sewer pipes; under and behind cabinets, refrigerators and sinks; around windows and doorframes; along baseboards; in attics and crawl spaces.

## USE RATE

The amount to be applied will vary with the site but should usually be in the range of 2-3 grams of D-FENSE DUST per square yard (or 0.5 lbs per 1000 square feet).

## INDOOR USE

### FOOD/FEED HANDLING ESTABLISHMENT APPLICATIONS

D-FENSE DUST applications are permitted in both food/feed and non-food areas of food/feed handling establishments as a general surface, spot, or crack and crevice treatment. Food/feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Included also are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food. Serving areas where food is exposed and the facility is in operation are also considered food areas.

**Non-Food/Non-Feed Areas:** Examples of non-food/non-feed areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, canning or bottling).

**General Surface Application:** Do not apply as a general surface application in the food/feed handling areas of the facility, when the facility is in operation or foods are exposed. Do not apply directly to food products. Cover or remove all food processing and/or handling equipment during application. After application in food processing plants, bakeries, cafeterias and similar facilities, wash all equipment, benches, shelving and other surfaces which food will contact. Clean food handling or processing equipment and thoroughly rinse with clean, fresh water.

**Spot, Crack and Crevice Application:** Spot and/or Crevice applications may be made while the facility is in operation provided exposed food is covered or removed from area being treated prior to application. Do not apply directly to food or food handling surfaces.

D-FENSE DUST may also be applied as a void treatment using suitable equipment, as mentioned above, including Actisol® DPA equipment. Be sure to thoroughly treat service ducts, false floors and ceilings, wall voids, attics and crawl spaces. The amount of dust to be applied will vary with the site but should usually be in the range of 2-3 grams per square yard (or 0.5 lbs per 1000 square feet). Dust applications should be made in a manner to avoid deposits in exposed surfaces introducing the material in the air.

**ANTS, BOXELDER BUGS, COCKROACHES (INCLUDING BOTH RESISTANT AND NON-RESISTANT STRAINS), CRICKETS, FLEAS, FIREBRATS AND SILVERFISH:**
Apply D-FENSE DUST thoroughly to all areas where these pests crawl and hide, especially in those areas described above. For ants, apply to ant trails, around doors and windows and other places where ants enter premises.

**TERMITES*, CARPENTER ANTS AND CARPENTER BEES:** Apply to voids or channels in damaged wooden members of a structure; to cracks, spaces or bearing joints between wooden members of a structure; or between such members and the foundation; and in locations vulnerable to termite attack. Drilling may be necessary prior to applying D-FENSE DUST in these locations, but it must be recognized that such drilling and treating of timber in a particular location may not result in complete coverage of infested and vulnerable voids or galleries. Drilling directly overhead with subsequent application of D-FENSE DUST should be avoided. D-FENSE DUST can be applied in attics and crawl spaces to prevent entry of drywood and formosan termites at a rate of 0.5 lb per 1000 square feet of floor

area. In these treatments, all vents and blowers should be closed. Inspect at 6 months and one year to insure that colony has been killed. Retreat if necessary.

***For subterranean termites the purpose of such applications of D-FENSE DUST is to kill workers or winged forms which may be present in the treated channels at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but merely a supplement. For active termite infestations, get a professional termite inspection. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but merely a supplement. This supplemental treatment can be particularly supportive of new construction.**

**CENTIPEDES, GROUND BEETLES, MILLIPEDES, SCORPIONS, SPIDERS AND SOWBUGS:** Apply D-FENSE DUST along and behind baseboards, to window and door frames, corners, pipes, storage locations, attics, crawl spaces and other areas in which these pests may enter or crawl.

**WASPS AND BEES:** It is generally advisable to treat wasp and bee nests in the evening when insects are less active and have returned to the nest. Wear protective clothing if deemed necessary to avoid stings. Using hand or power duster or other suitable means, with extension tubes if necessary, and thoroughly dust nest, entrance and surrounding areas where insects alight. Nests in wall voids can be located by listening with your ear against the wall. Drill a hole in the area, blow dust in and reseal. For ground wasps, dust entrance and surrounding areas. For best results check nests carefully one or two days after treatment to ensure complete kill, then remove and destroy nest to prevent emergence of newly-hatched insects. If removal is not feasible, retreat the nest, if necessary. Do not use this product to treat overhead nests.

**WEBBING CLOTHES MOTHS:** Use D-FENSE DUST as a crack and crevice treatment in closets and other storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on the clothes. DO NOT apply this product directly to clothing.

**CARPET BEETLES (BLACK, FURNITURE, COMMON AND VARIED):** Dust where these insects are found, for example: on and under edges of floor coverings, around baseboards, under rugs and furniture, and in closets. In residential areas do not apply as a broadcast application to floors or floor coverings.

**BEDBUGS:** Apply D-FENSE DUST thoroughly to all areas where these pests are typically found including: folds and tufts of mattresses, coils of springs, cracks and hollow posts of bed frames, upholstery of chairs and sofas, picture frame moldings and all cracks and crevices in the room should be treated. Allow powder to remain in contact with folds and tufts of mattresses, chair and sofa upholstery for 4-6 hours, then thoroughly vacuum these treated areas, dispose of vacuum bag and place clean linens on bed. Also vacuum treated areas that will come into direct contact with humans and pets.

**STORED PANTRY & PRODUCT PESTS:** To aid in the control of the exposed stages of: cadelles, cheese mites, cigarette beetles, confused flour beetles, dark meal worms, dermestid, drugstore beetles, grain mites, granary weevils, lesser grain borers, lesser mealworms, merchant grain beetles, red flour beetles, rice weevils, rusty grain beetles, saw–toothed grain beetles, spider beetles, tobacco moths, yellow mealworms, warehouse moths, Indian meal and Mediterranean flour.

**FOOD PROCESSING PESTS**

(Same crawling & flying pests listed as in Pantry & Stored Product Pests – above) and Fruit flies, Phorid flies and Sciarid flies.

Clean up waste materials, dust, dirt and other debris. Thoroughly treat floors, walls and other surfaces in storage and handling areas. Apply dust in cracks and crevices, behind and under cupboards, and other difficult to reach areas where insects may hide. DO NOT apply directly on food/feed, utensils or on areas where food/feed is stored.

**ORNAMENTAL PLANT PESTS**

For the control of: aphids, Leafrollers, beet armyworms, orange tortrix, blister beetles, periodical cicada, boxelder bugs, plant bugs, certain leafminers (Boxwood, Holly, Oak, Spruce Needle), rose chafer, elm leaf beetle, rose midges, flea beetles, rose slugs, Japanese beetle, tent caterpillars, leafhoppers, Thrips, Weevils.

**SHRUBS AND ORNAMENTALS:** Apply when insects or their damage first appear and repeat at weekly intervals. Apply 8 ounces per 1000 square feet; or thoroughly apply to place a thin layer of dust on both upper and lower sides of leaves, stems and flowers.

**ROSES, PETUNIAS, CHRYSANTHEMUMS, GERANIUMS, CARNATIONS AND OTHER ROSES, PETUNIAS, CHRYSTANTHEMUMS, GERANIUMS, CARNATIONS AND OTHER RELATED FLOWERS:** To control many leaf and flower chewing insects, apply as soon as the insect appears and repeat at 7 day intervals or as long as insects continue to appear. Apply a thin layer of dust on both upper and lower sides of leaves, stems and flowers.

## OUTDOOR USE

**PERIMETER TREATMENT:** Use D-FENSE DUST as a residual treatment for control of ants, bees, centipedes, cockroaches, crickets, firebrats, fleas, ground beetles, millipedes, scorpions, silverfish, slugs, sowbugs, spiders, ticks and wasps. Make a residual treatment around windows and doors, porches, screens, eaves, patios, garages, under stairways in crawl spaces and other areas where pests hide. To help prevent the invasion of buildings and structures by these pests, apply thoroughly and uniformly to the foundation and crawl spaces where pests are active and may find entrance.

**SEWER TREATMENT:** Cockroach infestations in sanitary sewers may be treated with D-FENSE DUST to provide quick knockdown and short-term population suppression. When treating sewers, one manhole per 200 linear feet should be treated. Treatments are made by removing the manhole cover and replacing with a disc of plywood bored to receive the typical flexible hose from portable or truck-mounted ventilating equipment. Apply 1-2 ounces of dust into the ventilating air to be dispersed quickly and thoroughly through the system.

**TELECOMMUNICATION TREATMENT:** Apply D-FENSE DUST into telecommunication conduits, cracks and crevices, junction boxes, etc. using suitable application equipment (such as Actisol® DPA Duster, or other types of application equipment capable of applying the proper amount). The amount of D-FENSE DUST to be applied will vary, but should usually be approximately 1 gram of dust per cubic foot of conduit. [To calculate cubic feet, use the following equation: ($\pi$ x radius$^2$ of the conduit x length of the conduit. NOTE: radius = one-half the diameter. Example: 500 linear feet of a 4" (12" = 1 foot; therefore, 0.33 ft) conduit = 3.14 x (0.17 ft x 0.17 ft) x 500 ft = 45.39 cubic feet].

D-FENSE DUST can be used in areas showing signs of active termite infestations, such as underground telecommunication cable conduits, electrical cable conduits, junction boxes and manholes. Apply dust through suitable application equipment (such as the Actisol® DPA Duster, that is capable of delivering particles suspended in a low pressure air system). Applications should be made from both ends of a run of open conduit in cases where breakdown in the conduit is suspected. D-FENSE DUST can also be applied directly to the interior of the conduits after cables have been installed. Apply at the rate of 1 gram of dust per cubic foot of conduit using equipment (i.e., Actisol® DPA Duster) that is capable of delivering particles suspended in a low pressure air system.

**FIRE ANTS:** Evenly sprinkle one tablespoon (approximately ½ oz.) of D-FENSE DUST over the top of each mound. Do not water in or disturb the mound. Apply when temperatures are between 65° and 80° F. Allow 3 to 4 days for maximum control. Do not use food utensils, such as a teaspoon or measuring cups, for food after use with pesticides.

**FLEAS AND TICKS IN RODENT BURROWS:** To control fleas and ticks in and around rodent burrows around homes and other buildings, apply D-FENSE DUST with a shaker can. For prairie dogs thoroughly treat quarantine areas and holding areas as well as burrows in open fields. Thoroughly apply dust to adequately cover mound and around the perimeter (18" from the outer edge). Be sure to treat abandoned rodent burrows which are suspected of containing fleas and ticks. Treat for a minimum of 5 days for light rodent populations, 10 days when populations are dense.

## 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 and to the extent consistent with applicable law, 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. 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. election, the replacement of this product.

NOTE: Buyer assumes all risks of use, storage or handling of this product not in strict accordance with label DIRECTIONS and PRECAUTIONS.

# D-FENSE™ DUST

Insecticide

**Provides Control of Ants, Bees, Cockroaches, Fleas, Silverfish, Ticks, Termites (localized control only) and numerous stored product pests.**

- Kills crawling insects if left undisturbed for up to 8 months
- For use indoors and outdoors
- Does not clump or absorb moisture
- Non-staining and odorless

**Active Ingredient:**

| | |
|---|---|
| Deltamethrin | 0.05% |
| **Other Ingredients:** | 99.95% |
| **Total** | 100.00% |

KEEP OUT OF REACH OF CHILDREN

# CAUTION

**EPA Reg. No. 53883-283**
**EPA Est. No. 67572-GA-1**

**PRECAUCION AL USARIO:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente. (**TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)

See inside booklet for additional Precautionary Statements, Storage and Disposal instructions and Directions For Use.

Control Solutions, Inc.
5903 Genoa-Red Bluff
Pasadena, TX 77507-1041

**0212**

CSI
CONTROL
SOLUTIONS
incorporated

# 12 X 1 LB.

# D-FENSE™ DUST

**Insecticide**

Control Solutions, Inc.
Pasadena, TX 77507

0 72693 24792 5

**Product Code #CSI2479**