



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 30, 2015

Jennifer J. Klika  
Regulatory Affairs  
CHEM-TECH, LTD.  
1006 Business Hwy 5  
Pleasantville, IA 50225

Subject: Notification per PRN 98-10 – Label Notification -add additional marketing statements  
Product Name: CT Pyrethrin Insecticide Dust  
EPA Registration Number: 47000-65  
Application Date: December 22, 2015  
Decision Number: 512454

Dear Jennifer:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

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 have any questions, you may contact Letu Kassa at 709-347-0462 or via email at [kassa.letu@epa.gov](mailto:kassa.letu@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "J S", written over a horizontal line.

Jennifer Saunders, PhD, Product Manager 4  
Invertebrate and Vertebrate Branch 1 (IVB1)  
Registration Division (7505P)  
Office of Pesticide Programs

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

12/30/2015

# CT Pyrethrin Insecticide Dust

Provides quick kill with Pyrethrins and residual control with Diatomaceous Earth.

**Kills Insects on Contact Such as:**

Cockroaches, Carpenter Ants, Ants, Carpenter Bees, Smokey Brown Cockroach, Spiders, Dust Mites, Red Flour Beetles, Brown Banded Cockroach, Scorpions, Pharaoh Ants, Wasps, Asian Cockroach, Lice, Drywood Termites, Yellow Jackets, German Cockroach, Silverfish, Fleas, Confused Flour Beetle, American Cockroach, Firebrat, Brown Deer Tick, Hornet, Australian Cockroach, Bedbugs, Lone Star Tick, Cheese Mite, Oriental Cockroach, Earwigs, American Dog Tick, Weevils, Crickets, Pillbugs, Centipedes, Drugstore Beetle, Palmetto Bugs, Millipedes, Booklice, Grain Beetle, Cadelle Beetles, Mites, Yellow Mealworm, Lesser Grain Borer, Bees, Carpet Beetles, Grain Weevils, Dark Mealworm, Rice Weevil

**For Use in, but not limited to:**

Animals Quarters, Ant Hills, Ant Mounds, Apartments, Attics, Automobiles, Bakeries, Barns, Basements, bathrooms, Bedding, Bedrooms, Beverage Plants, Boats, Bookcases, Bottling Plants, Buses, Cabins, Cafeterias, Calving Barns, Campers, Campsites, Canneries, Cat Sleeping Quarters, Chests, Clothes, Storage, Closets, Closed Porches, Commercial Buildings, Condominiums, Cupboards, Dairy Barns, Day Care Centers, Dens, Dog Houses, Dormitories, Drive-Ins, Drugstores, Dumpsters, Factories, Farms, Food/Feed Processing Plants, Food/Feed Storage Areas, Funeral Parlors, Garages, Garbage Cans, Grain Elevators, Grain Storage, Greenhouses (non-plant use), Homes, Horse Stables, Hog Barns, Hospitals (non-occupied patient areas), Hotels, Houses, Industrial Plants, Indoor Eating Establishments, Institutions, Jails, Kennels, Kitchens, Locker Rooms, Man Holes, Mattresses, Mausoleums, Mess Halls, Milk Rooms, Milk Sheds, Mobile Homes, Morgues, Mortuaries, Motels, Nursing Homes, Office, Railroad Cars, Recreational Vehicles, Restaurants, Schools, Ships, Stadiums, Stables, Stored Product Areas, Swine Houses, Theaters, Tobacco Warehouses, Trailers, Trains, Trucks, Warehouses, Washrooms and Zoos.

**ACTIVE INGREDIENT:**

Pyrethrins ..... 0.1%  
Piperonyl Butoxide\* ..... 1.0%

**OTHER INGREDIENTS:** ..... 98.9%

**TOTAL** ..... 100.0%

\* (Butylcarbityl)(6-Propylpiperonyl) ether and related compounds

EPA Reg. No. 47000-65

EPA Est. No. 47000-IA-01

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**Net Contents:**

**Manufactured By:  
CHEM-TECH, LTD.  
1006 North Highway 5  
Pleasantville, IA 50025**

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wear long sleeved shirt and long pants, socks and shoes.

### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to aquatic organisms, including fish and 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 pesticides off the treatment area.

This product 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 actively visiting the treatment area.

### **PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame

### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Loaders applicators and other handlers must wear the following: Long-sleeved shirt, long pants, shoes and socks.

#### **User Safety Requirements**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions or 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 pesticide gets 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.

<b>FIRST AID</b> <b>HAVE LABEL WHEN OBTAINING TREATMENT ADVICE</b>	
<b>If Inhaled:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call a poison control center, or doctor, or <b>1-800-498-5743</b> immediately for treatment advice.</li></ul>
<b>If Swallowed:</b>	<ul style="list-style-type: none"><li>• Call a Poison Control Center, doctor, or <b>1-800-498-5743</b> immediately for treatment advice or transport the patient to the nearest hospital.</li><li>• Do not give any liquid to the patient.</li><li>• Do not administer anything by mouth.</li><li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li></ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center, or doctor, or <b>1-800-498-5743</b> immediately for treatment advice.</li></ul>
<b>If on Skin or on Clothing:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center, doctor, or <b>1-800-498-5743</b> immediately for treatment advice.</li></ul>
<b>NOTE TO PHYSICIAN:</b> Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	
<b>For 24-hour emergency information on this product, call 1-800-498-5743 (US &amp; Canada) or 1-651-523-0318 (all other areas).</b>	

### **DIRECTIONS FOR USE**

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

**READ THIS LABEL:** Read this entire label and follow all use directions, restrictions and precautions.

#### **PRECAUTIONS AND USE RESTRICTIONS:**

##### **For Occupational (Commercial, Industrial, Farm) Use -**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in treatment area during treatment.

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. Application to building foundation, up to a maximum height of three (3) feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

Do not make outdoor applications during rain. Do not water the treated area to the point of run-off.

Aerial applications are prohibited.

Applications with power duster equipment are prohibited.

Only apply as a spot treatment to areas no greater than 3 feet by 3 feet per room.

Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.

Do not use in aircraft.

When used in dairy barns or facilities: Close milk bulk lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensil before application. Wash teats of animals before milking.

Do not use in occupied rooms. Allow people to enter treated areas only after application is completed.

Except when applying to sewers or drains as instructed on this label, do not apply directly into sewers or drains or to any area like a gutter where drainage to storm sewers, water bodies or aquatic habitat can occur.

### **For Occupational (Commercial, Industrial, Farm) Use**

#### **APPLICATIONS WITHIN FOOD/FEED AREAS:**

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed while food 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.

Food/Feed processing plants and warehouses, bakeries, beverage and bottling plants, restaurants, schools, kitchens, supermarkets, meat and poultry processing plants, hotels, motels, hospitals, milking areas, meat, poultry and other livestock areas.

Applications of this product in the food/feed areas of food/feed handling establishments, other than a crack and crevice treatment, are not permitted.

#### **LIMIT TO CRACK AND CREVICE TREATMENT ONLY.**

Using a bulbous, or mechanical duster apply a small amount of material directly into cracks and crevices such as expansion joints between different elements of construction or between equipment bases and the floor, wall voids, motor housing, junction boxes or switch boxes, conduit or hollow equipment legs where listed insects hide. Do not deposit this product onto exposed surfaces and do not introduce the material into the air. Do not contaminate food or food processing services.

**NON-FOOD/NON-FEED AREAS:**

Non-food/feed areas of food/feed areas such as garbage rooms, lavatories, floor drains (to sewer, entries and vestibules), office, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning bottling).

Cockroaches (Smokey Brown Cockroach, Brown Banded Cockroach, German Cockroach, American Cockroach, Australian Cockroach, Oriental Cockroach), Waterbugs, Palmetto Bugs, Crickets, Firebrat, Silverfish, Booklice, Scorpions, Spiders, Centipedes, Sowbugs, Pillbugs, Earwigs, Clover Mites, Lice and Millipedes:

Distribute CT Pyrethrin Insecticide Dust at a rate of 1.5 ounces per 100 square feet of surface area. Apply a continuous visible film to hiding place such as crack and crevices, behind and beneath sinks, stoves, refrigerators, around garbage cans, cabinets, along baseboards, door sills, frames and floors, around drains, pipes, plumping, behind bookcases, storage and other utility installations. Repeat as necessary.

**FOR USE ON STORED PRODUCTS:**

EXPOSED STAGES of Flour Beetles, Cadelles, Rice Weevils, Flat Grain Beetles, Cigarette Beetles, Drugstore Beetles, Lesser Grain Borer, Merchant Grain Beetle, Grain Mites, Cheese Mites, Granary Insects and Mealworms. Find and destroy infested packaged goods. Remove all other items from pantry, shelves, and drawers. Thoroughly treat floors, walls and other surfaces in bins, storage and handling areas, shelves, drawers, cabinets, processing and handling equipment, around cartons and containers and other areas where these insects tend to congregate. Do not exceed two (2) ounces of product per 10 square feet of surface area. Repeat as necessary.

**FOR USE IN STORAGE SITES:**

This product can be used in warehouse bins and trucks, cargo ships, mills, bin hoppers, elevators and conveying equipment and other listed sites as a clean-up prior to using them for storage. In mills and elevators, remove all grain infested accumulations from bin hoppers. Thoroughly clean all storage and conveying equipment by sweeping out the waster grain, cobwebs and other debris from the walls and rafters as well as on the floor and door frames with special attention to material lodged in the cracks and crevices. Remove as dispose of all of the debris in outside trash. Repeat as necessary.

**ON FARMS:**

Pay particular attention to cleaning up around the used feed and grain bags, grain residues from wagons, harvesting equipment and feed troughs. Do not place newly harvested grain in the same bin with carry over grain and fumigate or carry over grain stocks that are not treated with grain protectant. Perform these cleaning operations within two or three weeks before harvest.

After above sanitation measures have been employed, dust all areas prior to use for storage. Apply dust to floors, ceilings and partition boards of bins, paying close attention to cracks and crevices. Do not exceed two (2) ounces of product per 100 square feet of surface area. Repeat as necessary.

**FOR USE IN UNOCCUPIED ANIMALS QUARTERS:**

Barns, Dairies, Milking Parlors, Milking Rooms, Poultry Houses, and other listed animal areas. Use in cracks, crevices, walls joints between stalls, floors and other areas where pests may hide. Do not contaminate feed, feedstuffs, and milking equipment. Repeat as necessary.

**PRECAUTIONS AND USE RESTRICTIONS:**

**For Residential Use -**

Do not allow adults, children, or pets to enter the treated area until dusts have settled.

Except when applying to pets, do not apply this product in a way that will contact adults, children or pets, either directly or through drift.

For indoor residential use:

Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.

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. Application to building foundation, up to a maximum height of three (3) feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

Do not make outdoor applications during rain. Do not water the treated area to the point of run-off.

**For Residential Use**

For listed insects in and around the home:

Using [a bulbous or mechanical duster][the applicator supplied with this product] apply a small amount of material directly into cracks and crevices such as expansion joints between different elements of construction or between equipment bases and the floor, wall voids, motor housing, junction boxes or switch boxes, conduit or hollow equipment legs where listed insects hide. Do not deposit this product onto exposed surfaces and do not introduce the material into the air. Do not contaminate food or food processing services. Do not exceed two (2) ounces of product per 100 square feet of surface area.

**FOR USE ON VEGETABLES AND ORNAMENTALS:**

CT Pyrethrin Insecticide Dust is intended for use as a contact insecticide during the growing season. Treat only when insects are present and repeat as required to main control. Apply dust uniformly to upper and lower leaf surfaces.

**ON VEGETABLES:**

Asparagus (Asparagus Beetle), Beans (Leafhoppers, White Fly, Mexican Bean Beetles), Broccoli, Cabbage, Brussels Sprouts, Cauliflower (Cabbage Lopper, Cross-Striped Cabbage Worm, Diamondback Moth Larvae, Flea Beetles, Harlequin Bug, Imported Cabbageworm), Celery (Cabbage Lopper, Leaf Tire), Cranberries (Fireworms, Leafhoppers), Eggplants (Colorado Potato Beetles), Lettuce (Cabbage Lopper, Diamondback Moth Larvae, Imported Cabbageworm), Peppers, Potatoes (Colorado Potato Beetle, Leafhoppers), Radish (Flea Beetles), Spinach (Cabbage Lopper, Webworm), Tomatoes (Colorado Potato Beetle), Flea Beetles)

**ON ORNAMENTALS:**

African Violets, Asters, Azaleas, Begonias, Camellias, Carnations, Chrysanthemums, Dahlias, Dogwood, Geraniums, Gladiolas, Marigolds, Roses (Flea Beetles, Leafhoppers)

**ANTS:**

Pharaoh Ants, Carpenter Ants:

Treat doors, around window frames, ant trails and hills, cracks and crevices and other areas of entry. Repeat as necessary.

**BEDBUGS:**

Take bed apart. Dust into joints and channels. IF hollow, such as square or round tubing, see that the interior of the framework is well dusted. Dust mattresses, especially tufts, folds and edges. Dust pictures frame molding and all cracks and crevices in the room. Repeat as necessary.

**FOR USE IN LISTED PET AREAS**

Remove and destroy or wash pet's old bedding. To reduce infestation, dust animals bedding, sleeping quarters, kennel, around baseboards, window and door frames, wall cracks, floor, carpeting and other resting places. Also, dust the entire inside surface of dog houses. Put fresh bedding in pet quarters. Repeat as necessary.

For best results, to protect your pet against and to minimize reintroduction of adult flea form outdoors, use EPA registered flea and tick products in conjunction with this application and prior to re-entry. Repeat as necessary.

Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use. Do not make space spray application when facility is in operation. During space spray applications, cover or remove food. During space spray applications, cover food processing surfaces or clean after treatment with a suitable detergent and rinse with potable water before use. Do not apply more than 1 time per day.

**LICE, FLEAS AND TICKS ON DOGS AND CATS:**

Liberally apply dust to the animal, rubbing thoroughly to the skin. Begin with the neck and include the underbody, legs, feet and the base of the tail. Some temporarily drying of the animal's skin may occur. Repeat as necessary. **DO NOT TREAT KITTENS OR PUPPIES LESS THAN EIGHT (8) WEEKS OF AGE.**

**DRYWOOD TERMITES:**

To protect against entrance, using a hand operated rotary duster, distribute CT Pyrethrin Insecticide Dust through an entry, crawl hole into attic and crawl pace of building at a rate of 12 ounces per 1000 square feet. Close all vents and blowers located on the windward side. Contact all wood surfaces. In case of localized infestations, probe to locate galleries and drill holes to inject CT Pyrethrin Dust into the galleries. If a reasonably heavy infestation is suspected, use a professional treatment. Repeat as necessary.



**BEES, HORNETS, YELLOW JACKETS AND WASPS:**

It is generally advisable to treat nests in the evening when insects are less active and have returned to the nest. Using hand or power duster or other suitable means, with extension tubes, if necessary, thoroughly dust nest and entrance and surrounding areas where insects alight. Nests in wall voids can be located by listening with your ear against the wall. To treat, drill a hole in the area. For best results, check nests carefully one or two days after treatment to ensure complete kill. Then remove and destroy nest(s) to prevent emergency or newly hatched insects. If removal is not feasible, retreat the nest, if necessary. Do not use this product to treat overhead nests.

**STORAGE AND DISPOSAL**

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

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

**PESTICIDE STORAGE:** Store in a cool, dry place away from children, preferable a secure storage area.

**PESTICIDE DISPOSAL & CONTAINER HANDLING:**

Do not puncture or incinerate!

*If Empty:* Place in trash or offer for recycling, if available.

*If Partly Filled:* Call your local solid waste agency for disposal instructions.

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**DISCLAIMER**

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**DISCLAIMER:** To the extent permitted by applicable law, seller makes no representation or warranty, either expressed or implied, for results due to misuse, improper handling or improper storage of this material. Nor does Seller assume any responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling or improper storage of this material.

**OR**

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**LIMITED WARRANTY**

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To the extent permitted by applicable law, Chem-Tech, Ltd. makes no warranty concerning uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label. To the extent by applicable law, Chem-Tech, Ltd. shall not be liable for (1) any consequential, incidental or special damages related in any way to this product or its uses, or (2) any damages related in any way to resistance to pesticides.

**OR**

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

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**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

To the extent permitted by applicable law Manufacturer and Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law this warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Manufacturer, and Buyer and User assume the risk of any such use. To the extent permitted by applicable law, MANUFACTURER AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent permitted by applicable law, in no event shall Manufacturer or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF THE MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Manufacturer and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.

For non-emergency (e.g., current product information),  
Call: **1-800-621-8829**

Code (RE.RL.) RE.RL.

Prozap<sup>®</sup> is a Registered Trademark of Neogen Corporation.  
SureKill<sup>®</sup> is a Registered Trademark of Neogen Corporation.

**Alternate Brand Names:**

Prozap<sup>®</sup> Pyrethrin Insecticide Dust  
SureKill<sup>®</sup> Pyrethrin Insecticide Dust

**Optional Marketing Statements / Graphics:**

Provides Quick Kill with Pyrethrins  
Residual Control with Diatomaceous Earth.  
Provides Quick Control  
Kills for up to 6 months when undisturbed  
Can be used in homes, institutions,  
food/feed plants and many other areas.  
Manufactured in the U.S.A.  
<Flag Graphic>

