

47000-149

9/7/2012

1/7

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001



OFFICE CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mr. Steven E. Rogosheske
CHEM-TECH
4515 Fleur Drive #303
Des Moines, IA 50321

SEP 7 2012

Subject: Amended Reregistration Label
Product Name: Permethrin .25% Dust
EPA Registration Number: 47000-149
EPA Decision Number(s): 413570

Dear Mr. Rogosheske:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Permethrin RED(s), and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated [July 13, 2011]

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Melody Banks at (703)305-

5413 or via e-mail at banks.melody@epa.gov

Sincerely,



Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

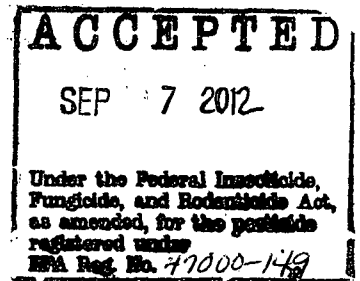
*Enclosures: Label stamped "Accepted," September 7, 2012
Acute Toxicity Review, dated (March 23, 2011)
Product Chemistry Review, dated (August 16, 2011)*



Permethrin .25% Dust

Editors Note: Text in Brackets [] indicates alternate or optional wording, any or all of which may appear on the final labeling.

- [PERMETHRIN] [Contains PERMETHRIN]
- [KILLS beetles, caterpillars, bugs and many more]
- [Ready to Use]
- [Easy-To-Use]
- [Controls ornamental pests]
- [To control (kill) vegetable pests]
- [Use on home garden fruits, vegetables and ornamental plants (including roses)]
- [Use on fruit & nut trees]
- [Use on dogs, cats and pet bedding to control fleas, ticks and lice]
- [Controls Horn Flies and Lice on Beef and Dairy Cattle]
- [Aids in reducing Face Fly population on Beef and Dairy Cattle]
- [Controls Lice on Swine]
- [Controls Northern Fowl Mites on Poultry]
- [For use in dust bags, [this] shaker can or mechanical dust applicator]
- [Easy-to-use powder duster]
- [No unpleasant odor]
- [General Purpose Livestock & Poultry Dust]
- [For lice and fly control on horses, cattle and swine]
- [Also for fleas, ticks & lice on dogs]



ACTIVE INGREDIENT:

Permethrin* 0.25%

OTHER INGREDIENTS: 99.75%

Total 100%

*(3-phenoxyphenyl)methyl (+/-) cis/trans 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate
(Cis/Trans ratio: Min. 35% (+/-) cis and max. 65% (+/-) trans.)

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 15 minutes, then continue rinsing eyes. • Call a poison control center for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information contact: National Pesticide Information Center at 1-800-858-7378 between 6:30 AM and 4:30 PM Pacific Time. After 4:30 call your poison control center.</p>	

See [back] [side] panel for further precautions and directions.

EPA Reg. No. 47000-149

EPA Est. No. 47000-IA-1

Net Contents:

Manufactured by:
Chem-Tech, Ltd • 4515 Fluer Drive • Des Moines, IA 50321

4/7

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

HUMANS: Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing.

ANIMALS: Sensitivities may occur after using ANY pesticide product for pets. 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.

Personal Protective Equipment (PPE)

Loaders, applicators and handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves made of any waterproof material, and
- NIOSH-approved respirator with: -dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any N, R, P, or HE filter.

User Safety Requirements

Follow manufacturer's instructions for cleaning and 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 products concentrate. Do not reuse them. Application with aerial or motorized ground equipment is prohibited.

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.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and 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 pesticide off the treatment area.

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 actively visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

READ THE ENTIRE LABEL BEFORE EACH USE. FOR PET USE - USE ONLY ON DOGS & CATS

USE RESTRICTIONS

- Do not breathe dust.
- Do not make applications in the rain.
- Do not water the treated area to the point of run-off.
- Use of handheld power duster equipment is prohibited.
- Do not enter or allow others to enter until dust has settled.

All outdoor application 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 lawn, turf, and listed vegetation; 3) Applications to building foundation, up to a maximum height of 3 feet. Do not water the treated area to the point of run-off.

HOME GARDENS

For use on home gardens. Not for use on plants being grown for commercial sale or commercial use.

This product [Brand Name] controls a wide range of insect pests. Apply when insects first appear before damage from feeding occurs. Use a dust applicator such as a [this] shaker can, dust gun, puffer or other bulbous duster, rotary duster or other appropriate duster as available. Dust lightly to cover upper and lower leaf surfaces with a thin, even film of dust. Apply when air is calm to avoid drift and contact with eyes and skin. Allow dust to settle in treated areas before reentering. Do not allow dust to wind drift to nontarget plants or water supplies. Start applying at the farthest corner of the treatment area and work backward to avoid contact with dusted surfaces. For plants above chest height, consider using [brand insecticide].

Vegetables and Melons

The number in parentheses () following each crop grouping is the pre-harvest interval, e.g., the number of days that must be observed between application and harvest.

Artichokes (0): To control (kill) *artichoke plume moth*, *leafminer*. Do not exceed 5 applications per season.

Asparagus (1): To control (kill) *asparagus beetle*, *cutworm*. Do not exceed 4 applications per season.

Asparagus (post-harvest): To control (kill) *larval and adult stage of asparagus beetle*, *tarnished plant bug*, *lygus bug*, *collards* and *adult stage of Japanese beetle*. Dust ferns or bush growth after spear harvest when insects are present. (Not for use in California).

Celery - see leafy vegetables.

Cole Crops (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Cabbage (tight-heading variation only), Chinese Broccoli (on gai lon, white flowering). (1): To control (kill) *beet armyworm*, *cabbage aphid*, *cabbage looper*, *cutworm*, *diamondback moth*, *flea beetle*, *imported cabbageworm*, *leafminer*, *plant bug*, *thrips*. Apply every 5 days or as needed. Do not exceed 8 applications per season on cauliflower, Brussels sprouts and broccoli, or 5 applications on cabbage.

Corn - see sweet corn.

Cucurbits (Balsam Pear - bitter melon; Chinese waxgourd - Chinese preserving melon; Citron melon; Cucumber; Gherkin; Edible gourds; Melons including hybrids such as cantaloupe, casaba, crenshaw, honeydew, honeyballs, mango melon, muskmelon, Persian melon; Pumpkin, Squash - summer and winter; Watermelon) (0): To control (kill) *aphid*, *cabbage looper*, *cucumber beetle (adult)*, *cutworm*, *leafhopper*, *leafminer*, *melonworm*, *pickleworm*, *plant bug*, *squash bug*. Do not exceed 8 applications per season.

Eggplant (3): To control (kill) *Colorado potato beetle*, *vegetable leafminer*, *flea beetle*. Do not exceed 10 applications per season.

Leafy Vegetables (Amaranth, Arugula, Celery, Chervil, Corn Salad, Chrysanthemum (edible-leaved and garland), Cress (garden and

upland), Dandelion, Dock, Endive, Fennel, Lettuce (head and leaf), Orach, Parsley, Purslane (garden and winter), Rhubarb,

Spinach, Swiss chard (1): To control (kill) *alfalfa looper*, *aphid*, *beet armyworm*, *cabbage looper*, *corn earworm*, *cutworm*,

European corn borer, *fall armyworm*, *green cloverworm*, *Southern armyworm*, *tobacco budworm*, *vegetable leafminer*. Do not exceed 5 applications per season.

Melons - see Cucurbits.

Onions (dry bulb & garlic) (1): To control (kill) *armyworm*, *cutworm*, *leafminer*, *onion maggot (adult)*, *onion thrips*, *stink bug*. Do not exceed 6 applications per season.

Peppers (bell) (3): To control (kill) *beet armyworm*, *aphid*, *cabbage looper*, *corn earworm*, *European corn borer*, *flea beetle*, *pepper weevil*, *vegetable leafminer*. Do not exceed 8 applications per season.

Potatoes (14): To control (kill) *beet armyworm*, *cabbage looper*, *Colorado potato beetle*, *cutworm*, *European corn borer*, *potato aphid*, *potato flea beetle*, *potato leafhopper*, *potato psyllid*, *potato tuberworm*, *tarnished plant bug*. Do not exceed 8 applications per season.

Spinach (1): To control (kill) *aster leafhopper, beet armyworm, cabbage looper, corn earworm, cutworm, European corn borer, leafhopper*. Do not exceed 5 applications per season.

Sweet Corn (1): To control (kill) *corn earworm, corn rootworm (adult), European corn borer, fall armyworm, hop vine borer, leafhopper,*

Southern armyworm, stalk borer. Dust every 5 days or as needed. Do not exceed 6 applications per season.

(FL-only: 8)

Tomatoes (0): To control (kill) *beet armyworm, cabbage looper, Colorado potato beetle, granulate cutworm, hornworm,*

vegetable leafminer, tomato fruitworm, tomato pinworm. Do not exceed 6 applications per season.

Ornamentals (including Roses, Flowers, Shrubs and Small Trees)

Contact insects directly whenever possible.

Controls (Kills): *aphid, bagworms, cabbage looper, cicadas, corn earworms, cutworm, exposed thrips, fall cankerworm, fall webworm, inchworms,*

Japanese beetle (adults), leafhopper, leafminer, and omnivorous leafroller, mealybugs, spider mites, stinkbugs, adult strawberry root weevil, adult obscure root weevil, thrips and whitefly on the following plants:

African violets, Ageratum, Arizona Cypress, Aster, Azalea, Begonia, Camellia, Carnation, Chrysanthemum, Coleus, Common Ninebark, Common Snowberry, Crassula, Dahlias, Delphinium, Dogwood, Exacum, Euonymous, English Ivy, Fuchsia, Geranium, Gladiolus, Gold Bells, Grape Vines (ornamental), Hypoestes, Ivy, Laurel, Lilac, Marigold, Mock Orange, Nannyberry, Orchid, Palm, Pansy, Pea Shrub, Petunia, Philodendron, Poinsettia, Rhododendron, Rose, Snapdragon, Stocks, Taxus, Wax Plant, Wandering Jew, Weeping Fig, Zinnia.

Fruit and Nut Trees

The number in parentheses () following each crop grouping is the pre-harvest interval, e.g., the number of days that must be observed between application and harvest. Also includes relevant comment.

Apples (Do not apply after petal fall): To control *apple aphid, green fruitworm, redbanded leafroller, plum curculio, spotted tentiform leafminer, tarnished plant bug, white apple leafroller*. Do not exceed 1 application per season.

Cherries (In the East, do not exceed 4 applications after petal fall): To control *green fruitworm, lesser peachtree borer, plum curculio, redbanded leafroller, rose chafer, tarnished plant bug*. Do not exceed 6 applications per season.

Cherries (In the West, do not exceed 3 applications after petal fall): To control *green fruitworm, lesser peachtree borer, plum curculio, redbanded leafroller, rose chafer, tarnished plant bug*. Do not exceed 4 applications per season.

Peaches (14): To control *green fruitworm, lesser peach tree borer, oriental fruit moth, peach twig borer, plum curculio, rose chafer, tarnished plant bug*. Dust lightly. Apply up to 5 times per season.

Pears – Dormant (May be applied dormant through the delayed dormant growth periods only): To control *pear psylla*. Do not exceed 2 applications per season.

Pears – Pre-bloom (May be applied from dormant through bud burst): To control *codling moth, green fruitworm, and pear psylla*. Do not exceed 2 applications per season.

Walnuts (1): To control *codling moth, navel orangeworm, and walnut husk fly*. Do not exceed 8 applications per season.

BEEF AND DAIRY CATTLE AND HORSES

Can be used in dust bags, [this] shaker can and mechanical dust applicator. *Horn Flies, Lice, Face Flies*: Place contents of this package in any commercially available dust bag, suspend bag in areas frequented by cattle or in gateways or lanes through which the animals must pass daily for water, feed or minerals. Bags may also be placed in loafing sheds or in front of mineral feeders. For dairy cows, bags may be

Page 5 of 5

suspended in the exit through which the cows leave the milking barn. The bags should hang 4 to 6 inches below the back line of the cattle. For reduction of *Face Flies*, bags must be located so animals will be forced to use them daily and hung at a height so that the face is dusted.

Horn Flies, Lice - Direct Application: Apply 2 oz. of dust per animal by [this] shaker can or dust glove over the head, neck, shoulders, back and legs.

SWINE

Lice on Swine Direct Application: Apply only 1 ounce per head as a uniform coat to the head, shoulder and back by use of a [this] shaker can or suitable mechanical dust applicator. Do not apply more often than once every 10 days. In severe infestation, both animals and the bedding may be treated. Do not ship animals for slaughter within 5 days of treatment.

POULTRY

To control *Northern Fowl Mites and Lice*, apply at a rate of 1 lb. per 100 birds. Ensure thorough treatment of vent area. To control *Northern Fowl Mites and lice* in poultry houses, apply to floors, roosts and interior surfaces at a rate of 1 lb. per 40 square feet. Do not apply directly to eggs or nest liter. Do not contaminate feed or drinking water,

PETS

USE ONLY ON DOGS OR CATS: Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing, or medicated animals.

To [control] [kill] *fleas, ticks and lice*: Use product only outside or in a well-ventilated area. Wearing household latex or rubber gloves, dust entire animal avoiding pet's eyes, nose, mouth and genital areas. Rub or brush pet's hair to work dust down to the skin paying close attention to legs and feet. Use 1/2 oz. on pets 20 pounds and under and 1 oz. on pets over 20 pounds. Reapply every two weeks. This product should not be applied by children. Do not use on puppies or kittens under 12 weeks of age. Dust pet bedding and doghouse using a [this] shaker can or other dust applicator.

ANTS:

To control ants, carpenter ants: Treat doors, around window frames, ant trails and hills, cracks and crevices and other areas of entry.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry place. Keep container closed. Always store pesticide in the original container. Store away from food and pet food.

CONTAINER DISPOSAL:

If Empty: Do not reuse this container. Place in trash or offer for recycling if available.

If Partly Filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE

It is impossible to eliminate all risks inherently associated with the use of this product. 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 Chem-Tech, Ltd, the manufacturer or seller. To the extent consistent with applicable law, Chem-Tech, Ltd, the manufacturer or seller shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. Except as warranted by this label, Chem-Tech, Ltd, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise with regard to the product sold or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, Buyer's or user's exclusive remedy, and Chem-Tech, Ltd's, the manufacturer's or seller's total liability shall be limited to damages not exceeding the cost of the product.