

47000-94

08/07/2006

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG - 7 2006

Mr Steve Rogosheske  
Chem-Tech, Ltd.  
Regulatory & Scientific Consulting, Agent  
1479 West Pond Road  
Eagan, MN 55122

Dear Mr. Rogosheske:

Subject: CT Premium Dairy Aerosol  
EPA Reg. No. 47000-94  
Amendment dated 1/12/06

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below.

Delete adult fleas from the front panel. This label does not have any directions for flea control.

The first paragraph under the heading food storage areas, meat and food processing plants must be revised as follows:

Delete "for optimum performance" as it detracts from the directions for use.

Spell out HVAC.

Delete the instructions to adjust downwards the application rate. Alternately you may submit efficacy data for public health pests to justify the lower rate or you may limit the claim to non-public health pests.

In the directions for use on stored products delete the word "safely".

All application rates must be stated in terms of US customary units of measure. Metric measures are optional.

For all sites listed on the label, incorporate the appropriate language from the pyrethrins and piperonyl REDs. See [http://www.epa.gov/oppsrrd1/REDs/pyrethrins\\_red.pdf](http://www.epa.gov/oppsrrd1/REDs/pyrethrins_red.pdf) and [http://www.epa.gov/oppsrrd1/REDs/piperonyl\\_red.pdf](http://www.epa.gov/oppsrrd1/REDs/piperonyl_red.pdf).

One copy of the finished labeling must be submitted prior to releasing the product for shipment. If you have questions, please call Ann Sibold at 703 305-6502.

Sincerely,



*for*

Richard Gebken  
Product Manager 10  
Insecticide Branch  
Registration Division (7505P)



# PREMIUM DAIRY AEROSOL

### ESPECIALLY FORMULATED FOR:

Dairy Farms (including Milk Houses, Milking Parlor, Loafing Sheds and Holding Lot). Poultry and Hog Operations, Horse Barns and Stables, Beef Cattle Operations, Kennels, Catteries, Food Storage Areas, Meat Packing and Food Processing Plants, Homes, Hotels, Stores and Restaurants.

**KILLS:** House Flies, Stable Flies, Gnats, Mosquitoes, Wasps, Small Flying Moths, Fruit Flies, Adult Fleas, Grain Weevils, Flour Beetles, Chocolate Moths, Carpet Beetles, Drug Store Beetles, Roaches (Waterbugs), Spiders, Ants, Silverfish and Crickets.

### ACTIVE INGREDIENTS:

Pyrethrins.....	0.7 %
Technical Piperonyl Butoxide* .....	5.0 %
INERT INGREDIENTS**.....	94.3 %
TOTAL .....	100.0 %

\*Equivalent to 4.00% (butylcarbityl)(6-propylpiperonyl) ether and 1.0% related compounds

\*\*Contains Petroleum Distillate

## KEEP OUT OF REACH OF CHILDREN WARNING

### FIRST AID

- If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.
- If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. 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. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
- If swallowed:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information regarding medical emergencies or pesticide incidents, call the National Pesticide Information Center at 1-800-858-7378.

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
AUG - 7 2006**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
47000-94**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
WARNING**

Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin and eyes.  
Do not apply directly to food. In commercial food handling facilities, cover or remove any food and food processing equipment during application. When using this product as a space spray in food areas, do not apply while food processing is under way. Except in Federally inspected meat and poultry plants, careful crack and crevice application for inspection purposes is permissible at all times. After space spraying in meat packing plants, bakeries and other food processing plants wash with an appropriate cleaning agent and rinse with potable water where exposed food will be handled. All food processing surfaces and utensils should be covered during treatment or thoroughly washed before use.  
Remove pets, birds (except in commercial poultry operations) and cover fish aquariums before spraying.  
**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not apply directly to water.  
**PHYSICAL OR CHEMICAL HAZARDS:** Contents under pressure. Keep away from fire, sparks and heated surfaces. Do not puncture or incinerate container. Exposures to temperatures above 130° F may cause bursting. Do not spray on plastic, painted or varnished surfaces or directly into electronic equipment such as radios, TVs, computers, etc.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Apply this product only as specified on this label.  
Premium Dairy Aerosol should be applied only with the appropriate high pressure gun and hose or through a fixed spray system.  
The portable system with its hand-held gun will produce a specific discharge rate, expressed in grams per second, depending on the nozzle size used. In a semi-portable system, or through a fixed installation, a dosing cylinder of a designated fill weight is connected to a nozzle system, thereby permitting a fixed dosage rate. This is calculated from the total cubic capacity of the premises. Different sizes of dosing cylinders thereby control the application rate. Where the dosing cylinder is filled from a supply cylinder, leave the valve open in the fill position prior to fogging for ten minutes to allow the pressure to balance. Turn the valve from the fill position to the fog (spray) position to release insecticide and propellant. The semi-portable system can also be operated on a timer without a dosing cylinder. Do not apply this product outside the temperature range of 50-95°F.

**AGRICULTURAL USES:** For control of House Flies, Horn Flies, Stable Flies, Gnats, Mosquitoes, Small Flying Moths.

**DAIRY FARM USE: MILKING PARLOR AND MILK ROOMS –** Close all doors and windows. Spray at the rate of 6 grams per 1,000 cubic feet. If rooms cannot be closed tight, double the dosage. Stand in the middle of room, direct fog upwards and spray in all directions. Keep room closed for 15 minutes after treatment. Do not remain in treated areas. Ventilate the area after treatment is completed. Cover milking utensils and milk to prevent contamination from spray and dead or falling insects.

**POULTRY OPERATIONS:** In poultry houses, close all widows and doors. Spray roosts, walls, and cages thoroughly. Spray at a rate of 6 grams per 1000 cubic feet of space. Do not remain in treated areas. After 15 minutes, ventilate the area. Treat daily or as necessary.

**HOG OPERATIONS:** In hog houses, close all windows and doors. Spray at the rate of 6 grams per 1,000 cubic feet. Keep area closed for 15 minutes following application. Repeat application daily or as necessary.

**HORSE BARN AND STABLES:** In horse and pony barns, close all windows and doors. Apply at the rate of 6 grams per 1,000 cubic feet. Keep area closed for 15 minutes following application. Repeat application daily or as necessary.

**BEEF CATTLE OPERATIONS:** In barns, close all windows and doors. Apply at the rate of 6 grams per 1,000 cubic feet. Keep area closed for 15 minutes following application. Repeat application daily or as necessary.

#### **NON-AGRICULTURAL USES**

**KENNELS AND CATTERIES:** Remove animals before spraying. Ventilate after treatment is completed.

**FLYING INSECTS:** Flies Mosquitoes, Gnats, Wasps, Small Flying Moths. Close all windows and doors and direct fog upward at a rate of 6 grams per 1,000 cubic feet. Disperse in all locations. Keep area closed for 15 minutes.

#### **FOOD STORAGE AREAS, MEAT AND FOOD PROCESSING PLANTS:**

For optimum performance, close all doors and windows, shut off all HVAC equipment and keep the area closed for a minimum of 2 hours. The frequency of application should be determined by the degree of infestation and should be sufficient to interrupt the life cycle of the target species. The application of insecticide should also be timed to coincide with the peak activity of the target species. The dosage rates given below pertain to exposure periods of 2 hours. Where exposure periods are in excess of 2 hours (i.e. up to 6 hours), then the application may be adjusted downwards to achieve the same level of control.

**HOME, MEAT AND FOOD PROCESSING AREA USE:** For flies, mosquitoes, small fling moths (millers), and gnats: Close all doors and windows. Point nozzle upward; direct the spray mist to all parts of the room, especially windows and other light sources, which attract these insects. Apply at a rate of 6-11 grams per 1000 cubic feet, and then leave the treated areas. Keep the room closed for at least 2 hours. Ventilate the room when treatment is completed. Roaches, Waterbugs, Sowbugs, Spiders and Centipedes: Spray thoroughly into hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators, baseboards and storage areas. Spray directly on insects where possible. 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 as a clean up prior to using them for storage. Close doors and windows. Direct aerosol mist to all parts of the room, especially into dark enclosures and around stored product containers where adult moths may be resting. Use at a rate of 15 -17 grams per 1,000 cubic feet of space. Keep area closed for 2 hours after each treatment. In mills and elevators, all grain-infested accumulations should be removed from the bin hoppers. All storage areas and conveying equipment should be thoroughly cleaned by sweeping out the waste 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. All of the debris should be removed and burned to kill eggs and insects that might be present. Repeat treatment weekly or as flying moths appear.

**FOR USE ON STORED PRODUCTS:** This product can be safely used on rice, grain nuts, dried fruit, beans, almond nutmeat and shells, pistachio, dried prunes, dried apricots, raisins, figs, wheat, oats, corn barley, rye, tobacco and peanuts held for storage for control of the accessible stages of Almond Moths, Angoumois Grain Moths, Cadelle Beetles, Cigarette Beetle, Confused Flour Beetles, Granary Weevils, Indian Meal Moths, Red Flour Beetles, Rice Weevils, Rusty Grain Beetles, Sawtoothed Grain Beetles, Square Necked Grain Beetles and Tobacco Moths.

**ROACHES, SPIDERS, ANTS, SILVERFISH, CRICKETS:** Hold aerosol close to cracks and mist directly into them, contacting as many insects as possible. Apply freely in all possible hiding places behind baseboards, sinks, cabinets, coffee makers, meter boxes and manholes. Repeat as necessary.

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**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** This cylinder must be checked periodically. A defective cylinder should not be used. A cylinder that has parts missing, is plainly worn or distorted should be replaced immediately. Store upright in a cool and dry area.

**PESTICIDE DISPOSAL:** Pesticide that cannot be used according to label instructions must be returned to the point of purchase in its original container.

**CONTAINER DISPOSAL:** This cylinder must not be disposed of in any manner. Cylinders must be returned to point of purchase for credit. All cylinders, valves and caps remain the property of the manufacturer. Federal regulations prohibit the refilling of cylinders without written consent of the manufacturer.

**NOTICE TO USER:** It is impossible to eliminate all risks inherently associated with the 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 Chem-Tech, Ltd, the manufacturer or seller. In no case shall Chem-Tech, Ltd, the manufacturer or seller 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.

Except as expressly provided herein, 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, including, but not limited to, merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. Buyer's or user's exclusive remedy, and Chem-Tech, Ltd's, the manufacturer's or seller's total liability, shall be for damages not exceeding the cost of the product.

Net Weight \_\_\_\_\_

Manufactured By:  
CHEM-TECH, LTD.  
Des Moines, IA 50321

EPA REG. NO. 47000-94  
EPA EST NO. 47000-IA-1

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