

47000-94

9/19/2012

1/7



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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 19, 2012

Mr. Steven E. Rogosheske
Chem-Tech, Ltd.
4515 Fleur Drive, #303
Des Moines, IA 50321

Subject: Amended Reregistration Label
Product Name: Premium Dairy Aerosol
EPA Registration Number: 47000-94
EPA Decision Numbers: 411917 and 410153

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 Pyrethrins and Piperonyl Butoxide REDs, 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 be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

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 Any previously dated CSFs are superseded.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 December 14, 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).

2/7

If you have any questions about this letter, please contact Driss Benmhend at 703-308-9525 or Benmhend.driss@epa.gov.

Sincerely,



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

Enclosures: Label stamped "Accepted," dated SEP 19 2012

ACCEPTED

September 19, 2012

3/7

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:

PREMIUM DAIRY AEROSOL

EPA. Reg. No: 47000-94

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, Food Warehouses, Commercial Buildings and Restaurants.

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

ACTIVE INGREDIENTS:

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

*Contains (butylcarbityl)(6-propylpiperonyl) ether and related compounds

**Contains Petroleum Distillates

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

- 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.
- 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 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 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact the National Pesticide Information Center at 1-800-858-7378 for emergency medical treatment information.

Note to Physician: May pose an aspiration pneumonia hazard. Contains petroleum distillates.

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

CAUTION

Wear long sleeved shirt, long pants, shoes and socks. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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.

4/7

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

- Long-sleeve shirt,
- Long pants,
- Shoes and socks.

In addition to the above PPE, applicators using a high pressure hand wand in an enclosed area must wear at least a NIOSH-approved respirator with:

- A dust/mist filter with MSHA/NIOSH approval number prefix TC-21C, or
- any R, P or HE filter.

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with:

- a dust/mist filtering cartridge (MSHA/NIOSH approval prefix TC-21C) or
- a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- a cartridge or canister with any R, P or HE filter.

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 material that have been drenched or heavily contaminated with the 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. Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 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. Apply this product only as specified on this label.

Entry Restrictions

For surface spray applications: Do not enter or allow others to enter treated area until sprays have dried.

For space spray applications: Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Application Restrictions

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 the area during treatment.

Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.

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.

When used in food handling and processing facilities: Do not make space spray application when facility is in operation. Prior to space spray applications, cover or remove exposed food. Prior to space spray applications, cover food processing surfaces or clean after treatment and before use. Do not apply more than 1 time per day.

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

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. Do not allow the product to enter any drain during or after application.

Remove pets, birds (except in commercial poultry operations) and cover fish aquariums before spraying.

Do not use in aircraft.

FOR INDOOR USE ONLY. 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.

When using in an indoor misting system:

- Do not apply when food, feed, and/or water is present.
- When using this product, installers and service technicians must comply with the license, certification, or registration requirements of the state(s), tribe(s), or local authority(ies) where they are installed.
- When applying via a remote activation device, do not apply when people and pets are present. If possible, when applying via automatic timer, set the timing for application when people and pets are unlikely to be present.
- Direct nozzles to spray towards the target area and away from areas where people are typically present.
- Do not use in an evaporative cooling system.
- Do not use in misters located within 3 feet of air vents, air conditioner units, or windows.
- This product must only be used in systems that have been calibrated to apply no more than the maximum application rates for the various use sites as listed below.
See rates for the listed use sites below.

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 0.21 oz. (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. Ventilate the area after treatment is completed. Remove or cover milking utensils before application. Do not apply more than 1 time per day.

POULTRY OPERATIONS: In poultry houses, close all windows and doors. Spray roosts, walls, and cages thoroughly. Spray at a rate of 0.21 oz. (6 grams) per 1000 cubic feet of space. After 15 minutes, ventilate the area. Treat daily or when infestations occur but do not apply more than 1 time per day.

HOG OPERATIONS: In hog houses, close all windows and doors. Spray at the rate of 0.21 oz. (6 grams) per 1,000 cubic feet. Keep area closed for 15 minutes following application. Repeat application daily or when infestations occur but do not apply more than 1 time per day.

HORSE BARN AND STABLES: In horse and pony barns, close all windows and doors. Apply at the rate of 0.21 oz. (6 grams) per 1,000 cubic feet. Keep area closed for 15 minutes following application. Repeat application daily or when infestations occur but do not apply more than 1 time per day.

BEEF CATTLE OPERATIONS: In barns, close all windows and doors. Apply at the rate of 0.21 oz. (6 grams) per 1,000 cubic feet. Keep area closed for 15 minutes following application. Repeat application daily or when infestations occur but do not apply more than 1 time per day.

NON-AGRICULTURAL USES

KENNELS AND CATTERIES: Remove animals before spraying. Ventilate after treatment is completed. Do not apply more than 1 time per day.

FLYING INSECTS: Flies Mosquitoes, Gnats, Wasps, Small Flying Moths. Close all windows and doors and direct fog upward at a rate of 0.21 oz. (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:

Close all doors and windows, shut off all heating, ventilation, and air-conditioning (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.

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.

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 0.21 to 0.39 oz. (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, Crickets 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. Do not apply more than 1 time per day.

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 0.53 to 0.6 oz. (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. Do not apply more than 1 time per day.

FOR USE ON STORED PRODUCTS: This product can be 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. Do not apply more than 1 time per day.

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.

7/7

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.

Net Weight _____

EPA REG. NO. 47000-94

EPA EST NO. 47000-IA-1

Manufactured By:
CHEM-TECH, LTD.
4515 Fleur Drive
Des Moines, IA 50321

9/12/12 per EPA letter of 9/11/12