

47000-184

02-22-2012

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505P)
1200 Pennsylvania Avenue, N.W.
Washington, D.C. 20460

EPA Reg. Number:
47000-184

Date of Issuance:
FEB 22 2012

Term of Issuance:
Unconditional

Name of Pesticide Product:
Aerotech Premium IGR
Pressurized Fogging Spray

NOTICE OF PESTICIDE:

Registration
 Reregistration

(Under FIFRA as amended)

Name and Address of Registrant (include ZIP Code):

Chem-Tech, Ltd.
4515 Fleur Drive, #303
Des Moines, IA 50321

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided:

1. You will submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. You make the following label changes before releasing the product for shipment:
 - a) Revise the EPA Registration Number to read "EPA Reg. No. 47000-184".
 - b) Change the **Physical/Chemical Hazards Statement** to read: "**Contents under pressure. Do not use or store near heat or open flame. Exposure to temperatures above 130° F may cause bursting.**"
 - c) **Directions for Use.**
 - i. Add the following statements to the first paragraph under the heading "**General Restrictions and Precautions**":
 - "Do not re-enter the treated area for 2 hours."
 - "Thoroughly ventilate the treated area before re-entry."
 - "Do not exceed the dosage rate of 0.335 oz. (9.5 grams) per 1000 cubic feet."

Signature of Approving Official:

Richard Gebken for

Date:

FEB 22 2012

Richard Gebken, Product Manager, RD/IB (7505P)

ii. Under the heading **“Dosage”** add: “For optimum performance, close all doors and windows, shut off all HVAC equipment. The area should be closed for a minimum of 2 hours after treatment to ensure proper dispersal and distribution of the applied spray.”

iii. At the beginning of **Container Disposal** directions add: “Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.”

3. The product chemistry data are acceptable and satisfy the product chemistry data requirements for this product.

4. The cited acute toxicity studies were reviewed and classified as acceptable. The acute toxicity profile for this product is:

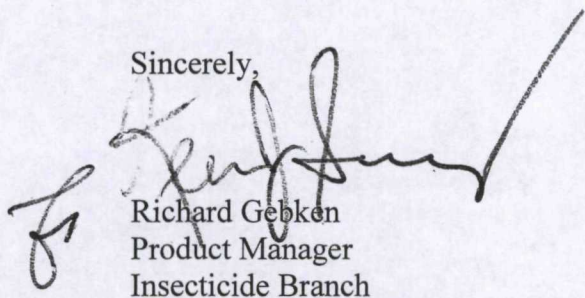
Acute oral toxicity	IV	Acceptable
Acute dermal toxicity	III	Acceptable
Acute inhalation toxicity	IV	Acceptable
Primary eye irritation	III	Acceptable
Primary skin irritation	IV	Acceptable
Dermal sensitization	Negative	Acceptable

5. The basic Confidential Statement of Formula (CSF) dated May 10, 2011 is acceptable and supersedes all previous CSFs to become the basic CSF of record.

Please submit three (3) copies of your final printed labeling within 60 days of the date of this notice but before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. The data evaluation reviews and a stamped copy of the label are enclosed for your records.

If you have any questions regarding this registration action, please contact Kevin Sweeney at (703) 305-5063. Thank you for your cooperation in this matter.

Sincerely,



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

Enclosure

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AeroTech[®] Premium IGR Pressurized Fogging Spray

*Editors note: Text in brackets [] are optional marketing claims or wording – the final label may include some or all of the optional text.

- For use indoors as a space or area spray for listed insects in areas specified on the label.
- [Contains insect growth regulator similar to the naturally occurring insect growth hormones that interfere with insect growth and development.]
 - [Controls numerous pests in structures.]
 - [Recommended for commercial and industrial use.]
 - [For use in food and non-food areas of food processing plants and food service establishments.]
 - [Continuous protection against stored product pests for 3 months.]
 - [Effectively breaks certain listed cockroaches life cycles.]
 - [Keeps working on listed cockroaches for (180 days) (26 weeks) (6 months).]
 - [Works to break the life cycle of listed insects.]
 - [Labeled for use in food areas of food handling establishments.]

**ACCEPTED
with COMMENTS
In EPA Letter Dated
FEB 22 2012**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 47000-184

ACTIVE INGREDIENT:		
	Pyriproxyfen.....	1.0%
OTHER INGREDIENTS*:	99.0%
TOTAL	100.000 %

*Contains Petroleum Distillate
AeroTech[®] is a registered trademark of the Industrial Fumigant Company

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> ▪ Immediately call a poison control center or doctor. ▪ Do not give any liquid to the person. ▪ Do not induce vomiting unless told to do so by a poison control center or a doctor. ▪ Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> ▪ 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 eyes. ▪ Call a poison control center for treatment advice.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> ▪ 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:	<ul style="list-style-type: none"> ▪ 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.
<p>NOTE TO PHYSICIAN: This product contains petroleum distillate and may pose an aspiration pneumonia hazard. 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 1-888-858-7378.</p>	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

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

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

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5**PHYSICAL OR CHEMICAL HAZARDS**

Flammable. Contents under pressure. Keep away from fire, sparks and heated surfaces. Do not puncture or incinerate container. 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.

READ ALL DIRECTIONS COMPLETELY BEFORE USE.**General Precautions and Restrictions**

For all space spraying operations: Do not remain in treated areas. Exit area immediately and remain outside the treated area until aerosols, vapors and/or mists have dispersed.

Do not apply directly to food. In commercial food handling facilities, cover or remove any food and food processing equipment during application. Do not apply while food processing is underway. All food contact surfaces should be covered or washed with an effective cleaning compound followed by a potable water rinse after use of the product and before food contact.

FOR INDOOR USE ONLY. This product [product name] 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.

INDOOR USE – SPACE SPRAY

INDOOR USE AREAS [for use in and around] [such as]:

Animal Areas & Quarters, Animal Shelters, Animal Control Centers, Bakeries, Beverage Plants, Bottling Plants, Breweries, Brewery Warehouses, Canneries, Commercial Buildings, Egg Processing Plants, Factories, Fruit Packing Sheds, Grain Elevators, Grain Harvesting & Handling Equipment, Garages, Grain Mills, Granaries, Grocery Warehouses, Horse Stables & Barns, Industrial Installations, Institutional Dining Areas, Institutions, Kennels, Laboratories, Meat Packing Plants, Office Buildings, Other Public Buildings, Poultry Houses, Public Storage, Research Animal Quarters, Rice Mills, Stables, Storage Bins (areas), Stored Food in Multi-walled Paper or Cloth Bags, Textile Mills & Warehouses, Tobacco Factories, Tobacco Warehouses, Utility Rooms, Warehouses, Wholesale Stores, and Zoos.

For the control of: Almond Moths, Angoumois Grain Moths, Cadelles, Cereal Beetles, Cheese Mites, Cheese Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Fleas, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetle.

DOSAGE: Apply as a space spray at a rate of 0.335 oz. (9.5 grams) per 1,000 cubic feet of room space. Do not remain in treated area and ventilate before re-entry. Repeat applications in 6 months or more frequently if necessary.

The active ingredient in AeroTech IGR is similar to insect growth hormones that occur naturally in insects and acts on the immature life stages of the insect pest, preventing immature stages from developing into reproductive adults. For high populations of insect pests or for initial clean out, the use of a fast acting adulticide may be desirable for immediate control of the adult stages. AeroTech IGR thus may be rotated in a control program to give continuous insect control.

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TREATMENTS IN STORED FOOD AREAS: Foods in multi-walled bags, cloth bags or other packaging stored in such areas as listed above. Infested stored products should be destroyed, fumigated or treated by other effective methods using an approved product intended for this purpose.

TREATMENTS IN FOOD HANDLING ESTABLISHMENTS (Places other than private residences in which food is held, processed, prepared or served):

NON-FOOD AREAS: This product [product name] may be used to treat nonfood areas which include areas such as garbage rooms, lavatories, entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning and bottling).

FOOD AREAS: This product [product name] may be used to treat food areas and may be used in food areas of food handling establishments, restaurants, or other areas where foods are commercially prepared or served. May be used in serving areas only when facility is not in operation or food is not exposed. Serving areas are areas where prepared foods are served, such as dining rooms. Food areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing) preparing, edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups).

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. 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 Contents _____ lbs.

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

EPA Reg. No. 47000-

EPA Est. No. 47000-IA-1