



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 29, 2021

Susan Westra
Product Registration Manager
Chem-Tech, Ltd.
620 Leshar Place
Lansing, MI 48912

Subject: Registration Review Label Mitigation for Pyriproxyfen
Product Name: AEROTECH PREMIUM IGR PRESSURIZED FOGGING SPRAY
EPA Registration Number: 47000-184
Application Dates: 06/11/2020
Decision Numbers: 563788

Dear Ms. Westra,

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Pyriproxyfen Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment 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 section 6.

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If you have any questions about this letter, please contact DeMariah Koger by phone at 703-347-0425, or via email at koger.demariah@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington", with a stylized flourish at the end.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

Pyriproxyfen	Group	7	Insecticide
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TurboCide® Advanced Fogging Products IGR

- This Unique Aerosol System Employs Liquid Carbon Dioxide as a Solvent and Propellant
- To be Used With Aerotech® Spray Systems.
- No Cylinders to Dispose of
- These Cylinders are Returned to the Manufacturer for Refilling.

ACTIVE INGREDIENTS:

Pyriproxyfen.....1.0%

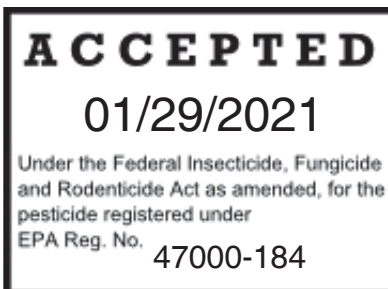
OTHER INGREDIENTS*:.....99.0%

TOTAL.....100.0%

* Contains Petroleum Distillates

AeroTech® is a registered trademark of The Industrial Fumigant Company, LLC.

TurboCide® is a Registered Trademark of Neogen Corporation



**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice or transport the patient to the nearest hospital. • Do not give any liquid to the patient. • Do not administer 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 or doctor for treatment advice.
If on Skin or on 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 further 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: Contains petroleum distillate and may pose an aspiration pneumonia hazard. Have 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 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.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

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.

Resistance Management Recommendations

For resistance management, TurboCide® Advanced Fogging Products IGR contains a Group 7 insecticide. Any insect population may contain individuals naturally resistant to TurboCide® Advanced Fogging Products IGR and other Group 7 insecticides. The resistant individuals may dominate the insect/mite population if this group of insecticides/acaricides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Use tank mixtures with insecticides from a different group that are equally effective on the target species when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues for the targeted pests between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
- Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
- Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
- When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
- Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
- The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact your local Neogen representative.

General Restrictions and Precautions

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 re-enter treated area for 2 hours. Thoroughly ventilate the treated area before re-entry.

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. Do not exceed the dosage rate of 0.335 oz. (9.5 grams) per 1000 cubic feet.

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. For optimum performance, close all doors and windows and 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. Repeat applications in 6 months or more frequently if necessary.

The active ingredient in 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. IGR thus may be rotated in a control program to give continuous insect control.

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 or 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: Refillable Container. Refill this container with pesticide only. Do not reuse this container for any other purpose. This cylinder must not be disposed of in any manner. Cylinders must be returned to the 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.
1006 Business Hwy 5
Pleasantville, IA 50225 U.S.A.

EPA Reg. No. 47000-184

EPA Est. No. 47000-IA-01