

1021-1823

10/28/2009

1/4



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

**October 28, 2009**

**Mr. Steven K. Ditto, Registration Specialist  
McGlaughlin Gormley King Company  
8810 Tenth Avenue North  
Minneapolis, MN 55427-4372**

**Subject:** Label Amendment  
**Product Name:** Turbocide Gold® with PYROCIDE®  
**EPA Reg. No.:** 1021-1823  
**Application Dated:** June 3, 2009  
**Decision Number:** 418467

Dear Mr. Ditto:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy of the label is enclosed for your records

If you have any questions, you may contact Clayton Myers at (703) 347-8874 or [myers.clayton@epa.gov](mailto:myers.clayton@epa.gov).

Sincerely,

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

2/4

Turbocide Gold -0609

TURBOCID GOLD® With PYROCIDE®

**MGK**® McLAUGHLIN  
GORMLEY  
KING COMPANY

8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4372 U.S.A. - Telephone (763) 544-0341

- The Gold Standard for Pesticide Delivery Systems
- This Unique Aerosol System Employs Liquid Carbon Dioxide as a Solvent and Propellant
- Do Not Dispose of Container
- Return Containers for CO<sub>2</sub> and Active Ingredient to Manufacture(s) for Refilling
- Authorized by USDA for Use in Federally Inspected Meat and Poultry Plants

ACTIVE INGREDIENTS:

Pyrethrins.....	4.03%
* Piperonyl Butoxide, Technical .....	32.26%
** OTHER INGREDIENTS .....	63.71%
	100.00%

- \* Equivalent to min. 25.81% (butylcarbityl)(6-propylpiperonyl) ether and 6.45% related compounds
  - \*\* Contains petroleum distillate
- GOLD – Gas Operated Liquid Dispenser  
U.S. Patent Nos. 5,020,689; 5,150,822

TURBOCID GOLD® and PYROCIDE® are registered trademarks of McLaughlin Gormley King Company

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> <li>▪ Immediately call a poison control center or doctor.</li> <li>▪ Do not give any liquid to the person.</li> <li>▪ Do not induce vomiting unless told to do so by a poison control center or a doctor.</li> <li>▪ Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> <li>▪ Take off contaminated clothing.</li> <li>▪ Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>
IF IN EYES:	<ul style="list-style-type: none"> <li>▪ Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>▪ Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.</li> <li>▪ Call a poison control center or doctor for treatment advice.</li> </ul>
IF INHALED:	<ul style="list-style-type: none"> <li>▪ Move person to fresh air.</li> <li>▪ If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>▪ Call a poison control center or doctor for further treatment advice.</li> </ul>

NOTE TO PHYSICIAN: Contains petroleum distillate – vomiting may cause aspiration pneumonia. 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 International Poison Center at 1-888-740-8712.

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION**

Harmful if swallowed. Avoid breathing spray mist. Avoid contact with skin, eyes and clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources.

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.

**ACCEPTED**  
OCT 28 2009  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
Registered under  
EPA Reg. No. 1021-1823

Turbocide Gold - 0609

**DIRECTIONS FOR USE**  
It is a violation of Federal Law to use this product  
in a manner inconsistent with its labeling.

Avoid contamination of feed and foodstuffs, except as directed on this label. Vacate premises after treatment and ventilate before reoccupying. Remove pets, birds and cover fish aquariums before spraying.

Do not apply this product while food processing is underway. Food processing surfaces and equipment must be covered during treatment or cleaned with a suitable detergent and rinsed with potable water before reuse.

**USE AREAS**

For use in and around the following:

- |   |   |
|---|---|
| Food and Feed Processing and Handling Sites | Animal Shelters                                     |
| Stored Product Areas                        | Schools and Daycare Centers                         |
| Grain and Seed Storage and Handling Sites   | Hospices, Hospitals and Nursing Homes               |
| Commercial Transportation Facilities        | Nonresidential Buildings                            |
| Private and Commercial Dwellings            | Other Commercial, Industrial and Governmental Sites |

TurboCide GOLD with PYROCIDE® is to be used as a space spray applied using apparatus designed or approved by McLaughlin Gormley King Company. Apply TurboCide GOLD with PYROCIDE® at an application rate not to exceed 3g / 1000 ft<sup>3</sup> (4.3 mg of pyrethrins / m<sup>3</sup>), diluting as required following the instructions of the spraying equipment.

For optimum performance, close all doors and windows, shut off all HVAC equipment. The area should be dosed for a minimum of 2 hours after treatment. 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 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), lower application rates may be used to achieve the same level of control.

For control of flying insects such as House Flies, Fruit Flies and Moths, apply TurboCide GOLD with PYROCIDE® at the rate of 1g / 1000 ft<sup>3</sup> (1.4 mg of pyrethrins / m<sup>3</sup>). Ventilate before reoccupying the treated area.

For control of crawling and flying insects, apply at the rate of 2 - 3g / 1000 ft<sup>3</sup> (2.8 - 4.3 mg of pyrethrins / m<sup>3</sup>). TurboCide GOLD with PYROCIDE® may only provide an aid to the control of Flour Beetles. Ventilate before reoccupying the treated area.

As a grain and seed protectant, TurboCide GOLD with PYROCIDE® may be applied to the following grains and seeds: barley, beans, bird seed, buckwheat, cocoa beans, corn, cottonseed, flax, oats, rice, rye, sorghum and wheat to protect them from Indian Meal Moths, Angoumois Grain Moths, Mediterranean Flour Moths and other listed pests. Inspections should be made monthly after the grain is placed in storage. Apply TurboCide GOLD with PYROCIDE® at the rate of 1 - 3g / 1000 ft<sup>3</sup> (1.4 - 4.3 mg of pyrethrins / m<sup>3</sup>). See the following table for the specific application rate to apply for the pest to be controlled. Ventilate before reoccupying the treated area. Repeat as needed.

On Almonds, Peanuts and Walnuts in Bulk or in Bags: To control stored product insects, such as Almond moths, Angoumois Grain Moths, Ants, Cigarette Beetles, Confused Flour Beetles, Drugstore Beetles, Flat Grain Beetles, Indianmeal Moths, Mediterranean Flour Moths, Merchant Grain Beetles, Red Flour Beetles, Rusty Grain Beetles, Sawtoothed Grain Beetles and Squarenecked Grain Beetles, apply TurboCide GOLD with PYROCIDE® at the rate of 1 - 3g / 1000 ft<sup>3</sup> (1.4 - 4.3 mg of pyrethrins / m<sup>3</sup>). See the following table for the specific application rate to apply for the pest to be controlled. Ventilate before reoccupying the treated area. Repeat as necessary.

Stored Sweet Potatoes: To control Fruit Flies and Vinegar Flies, apply TurboCide GOLD with PYROCIDE® at the rate of 1g / 1000 ft<sup>3</sup> (1.4 mg of pyrethrins / m<sup>3</sup>). Ventilate before reoccupying the treated area. Repeat as needed.

Use of Harvested Fruits: To control Fruit Flies and Vinegar Flies on harvested fruits including apples, blackberries, blueberries, boysenberries, cherries, crabapples, currants, dewberries, figs, gooseberries, grapes, guavas, loganberries, mangoes, muskmelons, oranges, peaches, pears, pineapples, plums, raspberries, tomatoes, apply TurboCide GOLD with PYROCIDE® at the rate of 1g / 1000 ft<sup>3</sup> (1.4 mg of pyrethrins / m<sup>3</sup>). Ventilate before reoccupying the treated areas. Repeat as needed.

Application rates for target species are as follows:

<u>Species</u>		<u>Dose Rates Target</u> <u>g PYROCIDE®/1000 ft<sup>3</sup></u> <u>(mg of pyrethrins / m<sup>3</sup>),</u>	
Fruit Flies	Drosophila sp.	1.0	(1.4)
House Fly	Musca domestica	1.0	(1.4)
Indianmeal Moth	Plodia interpunctella	1.0	(1.4)
Spiders	Araneida	1.0	(1.4)
Warehouse Beetle	Trogoderma variabile	1.0	(1.4)
Ants	Formicidae	2.0	(2.8)
German Cockroach	Blattella germanica	2.0	(2.8)
Oriental Cockroach	Blatta orientalis	3.0	(4.3)
American Cockroach	Periplaneta americana	3.0	(4.3)
Sawtoothed Grain Beetle	Oryzaephilus surinamensis	3.0	(4.3)
Cigarette Beetle	Lasioderma serricorne	3.0	(4.3)
*Confused Flour Beetle	Tribolium confusum	3.0	(4.3)
*Red Flour Beetle	Tribolium castaneum	3.0	(4.3)

\*Aid in control only

4/4

**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 worn or is distorted should be replaced immediately. Store upright in a cool and dry area. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above.

**PESTICIDE DISPOSAL:** To avoid wastes, use all materials in this container by application according to label directions. Pesticide that cannot be used according to label instructions must be returned to the point of purchase in its original container.

**CONTAINER HANDLING:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Return empty cylinder to manufacturer for refilling. 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.

Net Contents \_\_\_\_\_

Manufactured by:

Mc LAUGHLIN GORMLEY KING COMPANY

8810 Tenth Avenue North

Minneapolis, MN 55427

EPA Reg. No. 1021-1823

EPA Est. No. 1021-MN-2

**IMPORTANT: READ BEFORE USE**

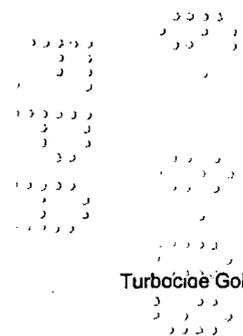
Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks 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 McLaughlin Gormley King Company. All such risks shall be assumed by the user or buyer.

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Turbocide Gold - 0609