



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 28, 2017

Susan Westra
Chem-Tech, Ltd.
110 Hopkins Drive
Randolph, WI 53956

Subject: Amended Reregistration Label
Product Name: TURBOCID E GOLD WITH PYROCIDE
EPA Registration Number: 47000-187
Decision Number: 412452; 410926

Dear Ms. Westra:

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 PBO RED, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

NOTE: This product is **not** yet being reregistered under section 4(g) of FIFRA.

Please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 06/04/2012

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 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

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registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions about this letter, please contact Maggie Rudick by phone at 703-347-0257, or via email at rudick.maggie@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Gene Benbow".

Gene Benbow, Acting Product Manager 4
Invertebrate & Vertebrate Branch 1
Registration Division (7505P)
Office of Pesticide Programs

TURBOCIDE GOLD WITH PYROCIDE

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 CO₂ and Active Ingredient to Manufacture(s) for Refilling

ACTIVE INGREDIENTS:

Pyrethrins..... 4.03%
Piperonyl Butoxide*.....32.26%

OTHER INGREDIENTS*.....63.71%

TOTAL.....100.0%

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

**Contains Petroleum Distillates

GOLD – Gas Operated Liquid Dispenser

U.S. Patent No. 5, 020, 689; 5, 150, 822

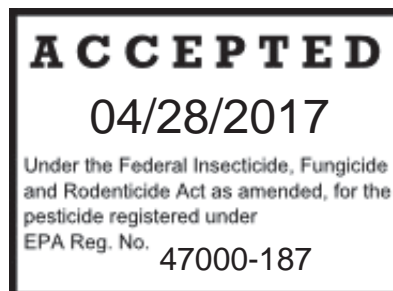
TURBOCIDE® and GOLD® are Registered Trademarks of Chem Tech, Ltd.

EPA Reg. No. 47000-187

EPA Est. No. 47000-IA-01

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Net Contents:



**Manufactured By:
CHEM-TECH, LTD.
1006 Business Hwy 5
Pleasantville, IA 50225**

PRECAUTIONARY STATEMENTS

FIRST AID	
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 Swallowed:	<ul style="list-style-type: none"> • Call a poison control center, doctor, or 1-800-498-5743 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. • Do not induce vomiting unless told to do so by the poison control center or doctor.
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 mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
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 eye. • Call a poison control center or doctor for further treatment advice.
NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p>For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318</p>	

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Avoid contact with skin, eyes and clothing. Harmful if swallowed. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

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 handwand in an enclosed area must wear a least a NIOSH-approved respirator with:

- A filtering respirator NIOSH approval number prefix TC-21C), or a NIOSH approved Particulate TC-84A respirator with any N, R, P or HE.

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 particulate respirator with any N, R, or P filter with NIOSH approval prefix TC-84A, or

- A NIOSH-approved gas mask with a canister filter with NIOSH approval prefix TC-14G, or
- A NIOSH approved power air purifying respirator with HE filter with NIOSH approval number prefix TC-21C.

User Safety Recommendations.

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users should 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.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off treatment area.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are foraging the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat of 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 THIS LABEL: Read this entire label and follow all use directions, use restrictions and precautions.

Use Restrictions

Entry Restrictions

For Space Spray:

Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treatment area has been thoroughly ventilated.

Application Restrictions

For Space Spray:

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 application.

Do not breathe vapors or spray mist.

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 over exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.

Do not use in aircraft cabins.

For food/feed handling and service areas:

Do not apply when food is present.

Do not use in food areas of food handling establishments, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where food may be prepared or held.

Do not make space spray applications when facility is in operation. Prior to space spray applications, cover or remove food.

Prior to space spray applications, cover food processing surfaces or clean after treatment and before use.

When used around or near flood drains:

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

For use in animal quarters:

Do not apply when food, feed and/or water is present.

For outdoor uses:

Do not make applications during rain.

Do not water the treated area to the point of run-off.

USE AREAS

For use in and around the following:

Food and Feed Processing and Handling Sites

Stored Product Areas

Grain and Seed Storage and Handling Sites

Commercial Transportation Facilities

Private and Commercial Dwellings

Animal Shelters

Schools and Daycare Centers

Hospices, Hospitals, and Nursing Homes

Non-Residential Buildings

Other Commercial, Industrial and Governmental Sites

TurboCide GOLD is to be used as a space spray applied using apparatus designed or approved by Chem-Tech, Ltd. Apply TurboCide GOLD at an application rate not to exceed 3g/1,000ft³ of product (4.3 mg of pyrethrins/m³), diluting as required following the instructions of the spraying equipment.

Close all doors and windows, shut off all HVAC equipment. The area must be closed 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 kill.

To kill flying insects such as *House Flies*, *Fruit Flies* and *Moths*, apply TurboCide GOLD at the rate of 1g/1,000ft³ of product (1.4 mg of pyrethrins/m³). Ventilate before reoccupying the treated area.

To kill crawling and flying insects apply at the rate of 2-3g/1,000ft³ of product (2.8-4.3 mg of pyrethrins/m³). TurboCide GOLD may only provide an aid to the kill of *Flour Beetles*. Ventilate before reoccupying the treated area.

As a grain and seed protectant, TurboCide GOLD 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 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 at the rate of 1-3g/1,000ft³ (1.4-4.3 mg of pyrethrins/m³). See the following table for the specific application rate to apply for the pest to be killed. Ventilate before reoccupying the treated area. Repeat as needed.

On Almonds, Peanuts and Walnuts in Bulk or in Bags: To kill stored insects such as *Almond moths*, *Angoumois Grain Moths*, *Ants*, *Cigarette Beetles*, *Confused Flour Beetles*, *Drugstore Beetles*, *Flat Grain Beetles*, *Indian Meal Moths*, *Mediterranean Flour Moths*, *Merchant Grain Beetles*, *Red Flour Beetles*, *Rusty Grain Beetles*, *Sawtoothed Grain Beetles* and *Squarenecked Grain Beetles*, apply TurboCide GOLD at the rate of 1-3g/1,000ft³ of product (1.4-4.3 mg of pyrethrins/m³). See the following table for the specific application rate to apply for the pest to be killed. Ventilate before reoccupying the treated area. Repeat as needed.

Stored Sweet Potatoes: To kill *Fruit Flies* and *Vinegar Flies*, apply TurboCide Gold at the rate of 1g/1,000ft³ of product (1.4 mg of pyrethrins/m³). Ventilate before reoccupying the treated area. Repeat as needed.

Use of Harvested Fruits: To kill *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, peas, pineapples, plums, raspberries, tomatoes, apply TurboCide Gold at the rate of 1g/1,000ft³ of product (1.4 mg of pyrethrins/m³). Ventilate before reoccupying the treated area. Repeat as needed.

Species		Dose Rates	
		Target grams GOLD /1000ft ³	(mg of Pyrethrins (ai) / m ³)
Fruit Flies	<i>Drosophila sp.</i>	1.0	(1.4)
House Fly	<i>Musca domestica</i>	1.0	(1.4)
Indian Meal Moth	<i>Plodia interpunctella</i>	1.0	(1.4)
Spiders	<i>Araneida</i>	1.0	(1.4)
Warehouse Beetle	<i>Trogoderma variabile</i>	1.0	(1.4)
Ants	<i>Formicidae</i>	2.0	(2.8)
German Cockroach	<i>Blattella germanica</i>	2.0	(2.8)
Oriental Cockroach	<i>Blatta orientalis</i>	3.0	(4.3)
American Cockroach	<i>Periplaneta americana</i>	3.0	(4.3)
Sawtoothed Grain Beetle	<i>Oryzaephilus surinamesis</i>	3.0	(4.3)
Cigarette Beetle	<i>Lasioderma serricorne</i>	3.0	(4.3)
*Confused Flour Beetle	<i>Tribolium confusum</i>	3.0	(4.3)
*Red Flour Beetle	<i>Tribolium castaneum</i>	3.0	(4.3)

*Aid in Control Only

STORAGE AND DISPOSAL

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

Storage: This cylinder must be checked periodically. Do not use a defective cylinder. A cylinder that had parts missing, is plainly worm or distorted should be replaced immediately. Store upright in a cool, dry area. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizer, 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. Pesticides that cannot be used according to label instruction 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 the written consent of the manufacturer.

DISCLAIMER

DISCLAIMER: To the extent permitted by applicable law, seller makes no representation or warranty, either expressed or implied, for results due to misuse, improper handling or improper storage of this material. Nor does Seller assume any responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling or improper storage of this material.

OR

LIMITED WARRANTY

To the extent permitted by applicable law, Neogen Corporation makes no warranty concerning uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label. To the extent by applicable law, Neogen Corporation shall not be liable for (1) any consequential, incidental or special damages related in any way to this product or its uses, or (2) any damages related in any way to resistance to pesticides.

OR

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

<p>NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.</p>

To the extent permitted by applicable law Manufacturer and Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law this warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Manufacturer, and Buyer and User assume the risk of any such use. To the extent permitted by applicable law, MANUFACTURER AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent permitted by applicable law, in no event shall Manufacturer or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF THE MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Manufacturer and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.

For non-emergency (e.g., current product information),
Call: **1-800-621-8829**

Code (NU.RT.) NU.RT.

TurboCide is a Registered Trademark of ChemTech, Ltd.

Alternate Brand Name:

TurboCide[®] Advanced Fogging Products GOLD[®]

Optional Marketing Statements:

Made in the U.S.A. statement with <American Flag Graphic>

Company Logos:



OR

