

81880-7

11-27-2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

NOV 27 2009

Ms. Kyla Smith
Product Registration
Canyon Group c/o
Gowan Company
P.O. Box 5569
Yuma AZ 85366

Subject: Label Notification for Pesticide Registration Notice 2007-4
(Storage & Disposal Changes)

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated November 15, 2009 for:

EPA Reg. 81880-7 "GWN-1973"

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN 2007-4. The label has been date-stamped "Notification" and will be placed in our records.

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 nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Owen F. Beeder of my staff at 703-308-8899.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 81880-7	2. EPA Product Manager Richard Gebkin	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) GWN-1973	PM# 10	
5. Name and Address of Applicant (Include ZIP Code) Canyon Group C/O Gowan Company P.O. Box 5569 Yuma, AZ 85366 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

NOTIFICATION

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Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Update Storage and Disposal

Section - III

1. Material This Product Will Be Packaged In:			
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input checked="" type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container 2	If "Yes" Package wgt. No. per container
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 2.5 Gallons	5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Kyla S. Smith	Title Registration Specialist	Telephone No. (Include Area Code) 928-819-1531
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Registration Specialist	
4. Typed Name Kyla S. Smith	5. Date 10-15-09	

October 15, 2009

U.S. EPA, Office of Pesticide Programs (7505P)
Document Processing Desk (NOTIF)
Attention: Richard Gebken, PM Team 10 (703) 308-8291
Room S-4900, One Potomac Yard (S. Bldg)
2777 S. Crystal Drive
Arlington, Virginia 22202-4501

RE: GWN-1973, EPA Reg. No. 81880-7 – Notification to update Storage and Disposal

Dear Mr. Gebken:

Canyon Group submits the enclosed revised label. The above mentioned product has been updated in order to comply with the Storage and Disposal mandates per EPA PR Notice 2007-4. Enclosed are the following:

EPA form 8570-1, Application for Pesticide
GWN-1973 Label (2 copies)

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for the product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

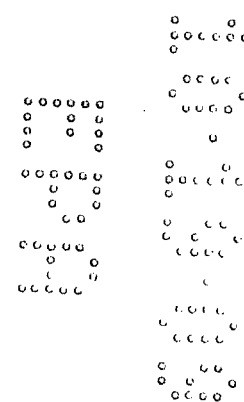
If you have any questions or concerns, please contact me via email at kssmithl@gowanco.com or via phone (928) 819-1531.

Sincerely,



Kyla Smith,
Agent for Canyon

Enclosures



814

GWN-1973

Aqueous Suspension
Miticide/Insecticide/Fungicide (MIF)

NOTIFICATION

For Use on Nectarines, Peaches, Plums, Prunes, Pistachios,
Almonds and other Tree Nuts and Stone Fruit

NOV 27 2009

ACTIVE INGREDIENT:	% By Wt.
Sulfur.....	49.50%
Pyridaben: [2- <i>tert</i> -butyl-5-(4- <i>tert</i> -butylbenzylthio)-4-chloropyridazin-3(2 <i>H</i>)-one].....	4.03%
OTHER INGREDIENTS:	46.47%
	Total 100.0%

Contains 5.54 lbs sulfur per gallon
Contains .45 lbs pyridaben per gallon

KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID	
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.
If swallowed	<ul style="list-style-type: none"> •Call a poison control center or doctor immediately for treatment advice. •Have person sip a glass of water if able to swallow. •Do not induce vomiting unless told to do so by a poison control center or doctor. •Do not give anything to an unconscious person.
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 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 first 5 minutes, then continue rinsing eye. •Call a poison control center or doctor for treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. FOR MEDICAL EMERGENCIES INVOLVING THIS PRODUCT CALL 1-888-478-0798.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

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

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, using the toilet.
- Remove clothing 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.

NET CONTENTS ____ GALLONS



EPA Reg. No. 81880-7
EPA Est. No.

Canyon Group
 C/O Gowan Company
 370 South Main Street
 Yuma, AZ 85365

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material
- Goggles or face shield

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls Statement: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. For Terrestrial uses: 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 or rinsate. Do not apply when weather conditions favor drift from target area. Drift and runoff from treated areas may be hazardous to fish in adjacent sites. This product is highly toxic to bees. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Application early in the morning or at dusk is suggested.

ENDANGERED SPECIES CONCERNS

The use of any pesticide in a manner that may kill or otherwise harm an endangered species or adversely modify their habitat is a violation of federal law.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. 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. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

All applicable directions, restrictions, precautions and Notice of Conditions of Sale and Warranty and Liability Limitations are to be followed. This labeling must be in the user's possession during application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of **24 hours**. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Goggles or face shield

GENERAL INFORMATION

This package contains **GWN-1973**, an aqueous suspension, miticide/insecticide/fungicide. **GWN-1973** is a selective contact miticide/insecticide/fungicide that controls pests in groves when used at recommended rates. (Refer to Table 1. **GWN-1973** Application Rate Table.) **GWN-1973** provides knockdown and residual control. A good performance evaluation can be made 10 days after treatment. For optimum results, **GWN-1973** should be applied as pest populations build and prior to reaching economic thresholds.

Mite Resistance Management

GWN-1973 use should be alternated with other miticides as part of a mite management program to minimize resistance. Repeated use of the same miticide has been documented to result in the buildup of resistant strains of mites. To reduce the potential of obtaining a population of acaricide-resistant mites, the grower should alternate products of differing modes of action. Consult with your local or state extension personnel for advice on miticide use and selection.

Cleaning Spray Equipment: Clean application equipment thoroughly by using a strong detergent or commercial sprayer cleaner according to the manufacturer's directions and by triple rinsing the equipment before and after applying this product.

APPLICATION INSTRUCTIONS

GWN-1973 may be applied by ground equipment using either diluted or concentrated sprays. Apply recommended rates of **GWN-1973** as instructed by Crop-Specific Information Section. Spray the last 3 rows windward of surface water using nozzles on only one side with the spray directed away from surface water. Avoid spraying over the tops of trees by adjusting or turning off the top nozzles. Shut the nozzles off on the side away from the grove off when spraying the outside row. Shut the nozzles off when turning at the ends of the rows and when passing tree gaps in rows.

Coverage: Apply **GWN-1973** in sufficient water to ensure thorough coverage of foliage and fruit. Thorough coverage is required for optimum control. To achieve adequate coverage, use proper spray pressure, nozzle type, nozzle spacing, volume per acre, and tractor speed. Consult spray nozzle and accessory guide for information pertaining to proper equipment calibration.

Ground Application

Water Volume: Use 50-400 gallons of spray solution per broadcast acre for optimal performance.

ADDITIVES

Silicone additives such as Sylgard® 309 are recommended for improved performance of **GWN-1973**. Additives should be considered for certain conditions such as obtaining better spray coverage, adhesion or penetration of product onto leaf or plant surfaces. Consult a local agricultural authority for more information concerning additives.

GENERAL TANK MIXING INFORMATION

The phytotoxic potential of **GWN-1973** aqueous suspension miticide/insecticide/fungicide has been assessed on a wide variety of trees with no phytotoxicity observed. However, all varieties and cultivars have not been tested with possible tank mix combinations. Local conditions can also influence crop tolerance and may not match the conditions in existence at the time of original product testing. Therefore, before using **GWN-1973** test the product on a sample of the crop to be treated to ensure that a phytotoxic response will not occur as a result of applications.

Compatibility Test for Mix Components: Before mixing components, always perform a compatibility jar test.

For 20 gallons per acre spray volume, use 3.3 cups (800 ml) of water. For other spray volumes, adjust rates accordingly. Only use water from the intended source at the source temperature.

Add components in the sequence indicated in the **Mixing Order** section using 1 teaspoon for each pint of recommended label rate per acre.

Always cap the jar and invert 10 cycles between component additions.

When the components have all been added to the jar, let the solution stand for 15 minutes. Evaluate the solution for uniformity and stability. The spray solution should not have free oil on the surface, nor fine particles that precipitate to the bottom, nor thick (clabbered) texture. If the spray solution is not compatible, repeat the compatibility test with the addition of a suitable compatibility agent. If the solution is then compatible, use the compatibility agent as directed on its label. If the solution is still incompatible, do not mix the ingredients in the same tank.

Mixing Order

1. **Water:** Begin by agitating a thoroughly clean sprayer tank three-quarters (3/4) full of clean water.
2. **Agitation:** Maintain constant agitation throughout mixing and application.
3. **Water-dispersible products** (such as **GWN-1973**): Pour required material into water. Wait until the product is evenly mixed in the spray tank before continuing.
4. **Water-soluble products**
5. **Emulsifiable concentrates** (except crop oil concentrates).
6. **Water-soluble additives** (such as nutrients).
7. **Remaining quantity of water:** Maintain constant agitation during application.

RESTRICTIONS AND LIMITATIONS

- Maximum Seasonal Use Rate: Do not apply more than a total of 2.2 gallons of **GWN-1973** (1.0 pound Pyridaben a.i.) per acre, per season.
- Do not make more than 2 applications of **GWN-1973** per year.
- Allow a minimum of 30 or 90 days between sequential applications of **GWN-1973** as specified in the Crop Specific Information section.
- Preharvest Interval (PHI): Do not apply within 7 days of harvest.
- Do not make applications of **GWN-1973** within 30 days before or after a spray oil application.
- Do not tank mix **GWN-1973** with a crop oil concentrate.
- **Restricted Entry Interval (REI): 24 hours.**
- Do not apply **GWN-1973** by air.
- Do not apply through any type of irrigation equipment.
- Do not use less than 50 gallons of water per acre.
- **DRIFT:** Do not apply **GWN-1973** when weather conditions favor drift to surface water. Do not apply within 110 feet upwind of surface water or when wind speed is above 8 mph. Do not apply during temperature inversion.

