

10163-318

9/27/2010

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
 Registration Division (7505P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

10163-318

Date of Issuance:

SEP 27 2010

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

GWN-4611C

Name and Address of Registrant (include ZIP Code):

**Attention: Kyla S. Smith
 Gowan Company
 P.O. Box 5569
 Yuma, AZ 85366**

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 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 section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA section 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 must submit the following GLP conditional data, within 15 months of the date of this notice.
 - a. Storage Stability (830.6317), and
 - b. Corrosion Characteristics (830.6320) studies.

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Notice of Pesticide Registration
GWN-4611C
EPA Reg. No. 10163-318

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3. Make the following changes to the label:

Change the product registration number to "EPA Reg. No. 10163-318 "

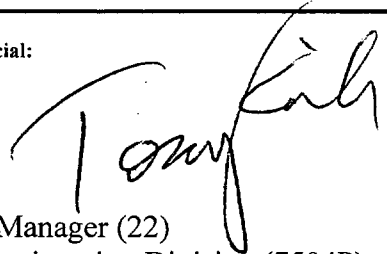
4. Submit one copy of the revised final printed label for the record before the product is released for shipment.

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 constitutes acceptance of these conditions.

A copy of the label stamped "Accepted with Comments" is enclosed for your records.

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Signature of Approving Official:



Date:

Tony Kish, Product Manager (22)
Fungicide Branch, Registration Division (7504P)

EPA Form 8570-6

Enclosure:

- Label stamped "Accepted with Comments"
- Product Chemistry Review DP
- Acute Toxicity Review DP

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GWN-4611C COPPER FUNGICIDE/BACTERICIDE

ACTIVE INGREDIENT:

Copper sulfate pentahydrate* 0.036%

OTHER INGREDIENTS: 99.964%

Total....100.000%

*Metallic copper equivalent, 0.009%

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 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 the poison control center or 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. • Call a poison control center or doctor 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-888-478-0798 for emergency medical treatment information.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate use of gastric lavage. See label for additional precautions and directions for use.	

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Causes moderate eye irritation. Wash thoroughly with soap and water after handling and before eating drinking, chewing gum or using tobacco. Avoid contact with eyes or clothing.

ACCEPTED
with **COMMENTS**
In EPA Letter Dated

SEP 27 2010

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

10163-318

EPA Reg. No. 10163-XXX
EPA Est. No. XXXXX-XX-XX



Produced For:
Gowan Company
P.O. Box 5569
Yuma, AZ 85366

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PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow 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.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

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 contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Follow all directions on the EPA approved label and any supplemental 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.

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 intervals. 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 **48 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:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in the box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Keep unprotected persons out of treated area until sprays have dried.

GENERAL INSTRUCTIONS AND INFORMATION

GWN-4611C is a ready-to-use formulation designed to be applied undiluted through conventional hand or ground spray equipment. GWN-4611C may be used residentially.

Application: GWN-4611C can be applied with any type of hand or ground application equipment. The volume of GWN-4611C needed will depend on the spray equipment and the size of the plants. Fill the spray equipment with undiluted GWN-4611C and spray plants thoroughly

Apply enough GWN-4611C to ensure thorough coverage of foliage or fruit. Thorough coverage is required for optimum disease control.

Compatibility: Compatible with most fungicidal and insecticidal biopesticides when applied at least 2 days before or after application of the biopesticide.

Before combining with other fungicides, bactericides, insecticides or plant nutritional products, perform the Compatibility Jar Test before mixing a whole tank.

Plant Safety: GWN-4611C has been tested safely on a wide variety of plants. However, because it is not possible to test all plant species, varieties and cultivars and because environmental factors and varietal stage of growth may affect injury expression, it is recommended that a small group of test plants be treated at the anticipated dosage rate and observed for 5 to 7 days to determine safety before treating large numbers of those plants.

SPECIFIC DIRECTION FOR SPRAY APPLICATIONS IN GREENHOUSE, FIELD, LANDSCAPE AND INTERIOR:
Annual and Perennial Bedding Plants, Potted Flowering Crops, Tropical Foliage, Cut Flower Crops and Nursery Crops. Spray to thoroughly cover foliage. Re-spray intervals vary with severity of disease and adversity of environmental conditions. In the event of heavy disease pressure, intervals can be shortened to a minimum of 7 days. Applications on actively growing tissue may be more effective than applications on dormant tissue. Apply GWN-4611C as a undiluted spray to control the diseases listed on the following plants.

APPLICATION DIRECTIONS

CROP	PEST
ALYSSUM	Botrytis
	Downy Mildew
BEGONIA	Botrytis
	Powdery Mildew
	Xanthomonas
DAYLILY	Botrytis
	Erwinia
	Powdery Mildew
DELPHINIUM	Pseudomonas
DUSTY MILLER	Alternaria
	Botrytis
FUCHSIA	Botrytis
	Powdery Mildew
GERANIUM	Botrytis
	Rust (preventive)
	Rust (therapeutic)
	Pseudomonas (preventive)
	Pseudomonas (therapeutic)
	Xanthomonas (preventive)
	Xanthomonas (therapeutic)
IMPATIENS	Alternaria
	Botrytis
	Pseudomonas
NEW GUINEA IMPATIENS	Botrytis
	Powdery Mildew
IPOMOEA	Pseudomonas
PANSY	Botrytis
	Cercospora
	Phytophthora
PERENNIALS	Botrytis
	Downy Mildew
	Powdery Mildew
PERIWINKLE / VINCA	Botrytis
	Phytophthora
RANUNCULUS	Bacterial Blight
	Botrytis
SALVIA	Downy Mildew
SNAPDRAGON	Botrytis
	Downy Mildew
	Rust
ZINNIA	Botrytis
	Pseudomonas
	Xanthomonas
AFRICAN VIOLET	Botrytis
	Powdery Mildew
AZALEA	Botrytis
	Colletotrichum
	Cylindrocladium
CALLA LILY	Botrytis
	Erwinia
CHRYSANTHEMUM	Botrytis
	Erwinia
	Powdery Mildew
CYCLAMEN	Botrytis
	Erwinia
EATER LILY	Botrytis
GERBERA	Botrytis
	Powdery Mildew
HYDRANGEA	Botrytis
	Powdery Mildew

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KALANCHOE	Botrytis
	Erwinia
	Powdery Mildew
LISIANTHUS	Botrytis
ORCHID	Botrytis
	Erwinia
	Pseudomonas
	Xanthomonas
POINSETTIA	Botrytis
	Powdery Mildew (preventive)
	Powdery Mildew (therapeutic)
	Scab
	Erwinia (preventive)
	Erwinia (therapeutic)
	Xanthomonas (preventative)
	Xanthomonas (therapeutic)
PRIMULA	Botrytis
	Erwinia
ROSE BUSH	Black Spot (preventive)
	Black Spot (therapeutic)
	Botrytis (preventive)
	Botrytis (therapeutic)
	Cylindrocladium (preventive)
	Cylindrocladium (therapeutic)
	Powdery Mildew (preventive)
	Powdery Mildew (therapeutic)
TULIP	Botrytis
DRACAENA	Rust
HIBISCUS	Botrytis
	Pseudomonas
	Xanthomonas
IVY	Bacterial Leaf Spot
	Botrytis
SPATHIPHYLLUM	Botrytis
	Cylindrocladium
	Phytophthora
TROPICAL FOLIAGE (GENERAL)	Botrytis
	Erwinia
	Powdery Mildew
	Pseudomonas
	Xanthomonas
AZALEA	Cylindrocladium
CHRYSANTHEMUM	Erwinia
GERANIUM	Botrytis
	Xanthomonas
HYDRANGEA	Xanthomonas
MINI-ROSE	Cylindrocladium
POINSETTIA	Botrytis
	Erwinia
	Scab
TROPICAL FOLIAGE	Cylindrocladium
	Erwinia
GERBERA	Botrytis
GLADIOLA	Botrytis
LISIANTHUS	Botrytis
ORCHID	Botrytis
ROSE	Botrytis
ZINNIA	Botrytis
AZALEA	Anthracoese
	Botrytis
	Cylindrocladium
	Phytophthora
BUXUS	Volutella

DOGWOOD	Anthracnose
	Botrytis
	Powdery Mildew
EUONYMUS	Anthracnose
	Botrytis
HAWTHORN	Cedar Apple Rust
HYDRANGEA	Botrytis
	Cercospora
	Powdery Mildew
	Xanthomonas
INDIAN HAWTHORN	Botrytis
	Entomosporium
JAPANESE MAPLE	Botrytis
	Pseudomonas
	Verticillium
LILAC	Botrytis
	Powdery Mildew
	Pseudomonas
ROSACEAE SUCH AS: COTONEASTER, MALUS, MOUNTAIN ASH, ORNAMENTAL CRABAPPLE, ORNAMENTAL PEAR, PYRACANTHA	Apple Scab
	Botrytis
	Fire Blight
	Pseudomonas
RHODODENDRON	See Soil Drench Application for Rates
ROSE	See Flowering Potted Crops for Rates
WOODY NURSERY CROPS	Botrytis
	Powdery Mildew
	Pseudomonas
	Rhizoctonia
NON BEARING FRUIT TREES AND VINES (DO NOT APPLY TO TREES THAT WILL BEAR FRUIT WITHIN ONE YEAR.)	
APPLE	Fire Blight
GRAPE	Botrytis
ALSTROMERIA	Botrytis
FREESIA	Botrytis
GLADIOLA	Botrytis
ROSE	Botrytis
SWEETPEA	Botrytis
CALLA LILY	Erwinia
AFRICAN VIOLET	Phytophthora
ASTER	Phytophthora
AZALEA	Cylindrocladium
	Rhizoctonia
CYCLAMEN	Erwinia
FERNS	Rhizoctonia
GERANIUM	Botrytis
HOSTA	Erwinia
IMPATIENS	Phytophthora
JAPANESE MAPLE	Verticillium
PANSY	Phytophthora
	Pythium
PERIWINKLE	Phytophthora
PITOSPORIUM	Rhizoctonia
POINSETTIA	Rhizoctonia
RHODODENDRON	Rhizoctonia
ROSE	Black Spot
SPATHIPHYLLUM	Phytophthora

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ORNAMENTAL TREES

CROP	PEST	COMMENTS
DOUGLAS FIR	Rhabdocline Needlecast	Begin applications at bud break and repeat at 3 to 4 week intervals. Apply in a tank mix with another registered compatible fungicide if moderate to severe disease pressure is present.
LIVE OAKS	Ball Moss	In the spring when Ball Moss is actively growing, use 1.5 gallons of spray per foot of tree height. Make sure to wet Ball Moss tufts thoroughly. A second application may be required after 12 months.
SYCAMORE	Anthraco-nose	Apply as a full cover spray. Apply in sufficient volume for thorough coverage. Make first application at bud crack and second application 7 to 10 days later (at 10% leaf expansion).

TURF

CROP	PEST	COMMENTS
TURFGRASS	Algae	Apply directly to algae. This product may be used alone or in combination with other registered fungicides as a maintenance spray.
NOTE: Phytotoxicity may occur depending upon varietal differences. If injury occurs discontinue use. <ul style="list-style-type: none"> • Minimum retreatment interval = 10 days 		

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Store product in original container only, away from other pesticides, fertilizers, food or feed. Store above 35 degrees F.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE), CALL CHEMTREC® (800) 424-9300.
 For other product information, contact Gowan Company or see Material Safety Data Sheet.

NOTICE OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS

Important: Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our directions for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application, and other factors, all of which are beyond the control of Gowan Company. All such risks shall be assumed by the Buyer and User.

Gowan Company warrants that this product conforms to the specifications on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, GOWAN COMPANY MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, GOWAN COMPANY'S EXCLUSIVE LIABILITY FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, OR ANY OTHER LEGAL THEORY IS STRICTLY LIMITED TO THE PURCHASE PRICE PAID OR REPLACEMENT OF PRODUCT, AT GOWAN COMPANY'S SOLE DISCRETION.