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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

64864-43

AUG 12 1999

NOTICE OF PESTICIDE:

XX Registration
Reregistration

(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Streptomycin 17

Name and Address of Registrant (include ZIP Code):

Pace International, LLC
1011 Western Avenue, Suite 505
Seattle, WA 98104

ATTN: Mr. Gene Brandli

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/reregistered 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 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. Revise the EPA Registration Number on the labeling to read, "EPA Reg. No. 64864-43".
3. Submit one (1) copy of the revised final printed label before you release your product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Date:

AUG 12 1999

Mary L. Waller, Product Manager (21)
Fungicide Branch, Registration Division (7505C)

2015

STREPTOMYCIN 17

Agricultural Streptomycin

Active Ingredient:
Streptomycin Sulfate
(equivalent to 17% streptomycin)
(CAS #3810-74-0)..... 22.4%
Other Ingredients:..... 77.6%
Total: 100.0%

EPA Reg. No. :
EPA Est. No.:

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

AUG 12 1999

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

64864-43

CAUTION
KEEP OUT OF REACH OF CHILDREN
See back of bag for use directions

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.
IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

NET WT:

Back

Panel:

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 through any type of irrigation system. 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 of 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 interval. The requirements in this box only apply to uses 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 12 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 over long-sleeved shirt and long pants

Waterproof gloves

Dust/mist filtering respirator (MSHA/NIOSH approval number TC-21C)

Chemical resistant footwear plus socks

MIXING INSTRUCTIONS

Concentration desired	Quantity Streptomycin 17 per Volume of Water		
	50 gals.	100 gals.	500 gals.
ppm*			
50	2 oz.	4 oz.	20 oz.
50	2.4 oz.	4.8 oz.	1½ lb.
100	4 oz.	½ lb.	2½ lb.
200	½ lb.	1 lb.	5 lb.

*ppm = parts per million

STREPTOMYCIN 17 - SPECIMEN LABEL

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Disease and Crop	Recommended Concentration	First Spray	Follow-up Spray Schedule
Bacterial Blight Celery (Florida Area)	200 ppm	Apply first spray when seedlings are in the 2-leaf stage, when first true leaves appear.	Apply at 4 to 5-day intervals. Continue applications until celery is transplanted in the field.
Bacterial Leaf Rot Philodendron	200 ppm	Apply as preventative or at first signs of water-soaked areas on leaf.	Apply every 4 – 5 days.
	for curative action	Remove all rotted leaves from plant and then spray at 200 ppm every 4 days.	
Bacterial Spot Tomatoes, Peppers	200 ppm	Apply first spray when seedlings are in the 2-leaf stage, when first true leaves appear.	Apply at 4 to 5-day intervals. Continue applications until transplanted in the field.
Bacterial Stem Rot Dieffenbachia Cuttings	200 ppm	Soak cuttings in streptomycin solution for 20 minutes. Plant cuttings in sterilized rooting medium.	
	100 ppm	To check spread of stem rot in stock plants, use 100 ppm streptomycin spray every 5-7 days.	
Bacterial Wilt Chrysanthemums	50 ppm	Soak plant cuttings in streptomycin solution for 4 hours; plant as usual.	
Crown Gall Roses (New Jersey Area)	200 ppm	Remove infected plant. Cut out gall tissue. Soak the plant root system and cut surfaces of the infected area in streptomycin solution for 15 minutes. Replant rose bushes in soil free of the crown gall organisms.	
	50 ppm	Use 50 ppm streptomycin in watering solution and in foliar sprays applied weekly starting one week after planting as an adjunct to this treatment.	
Fire Blight Pears	24-48 oz. Streptomycin 17 per acre (equivalent to 50-100 ppm at 600 gals./A)	Spray trees at 20%-30% bloom.	Spray trees every 3-4 days during blossom time. Apply sprays after petal fall every 10-14 days to control twig blight. (This could mean an additional 6-8 applications after blossom sprays.) Do not apply within 30 days of harvest.
Fire Blight of the Rosaceae Home Garden Apple Trees, Home Garden Pear Trees, Pyracantha (Fire Thorn Bush) (CA)	100 ppm	Apply streptomycin in foliar and blossom sprays. Apply first spray at start of blossoming period. Continue spray application every 3-4 days during blossom time. Apply additional sprays every 5-7 days after blossom period when weather favors spread of fire blight. Do not apply after fruit is visible.	

Disease and Crop	Recommended Concentration	First Spray	Follow-up Spray Schedule
Fire Blight Pears (West Coast Area)	28.8 oz. Streptomycin 17 per acre (equivalent to 60 ppm at 600 gals./A)	10% bloom	Repeat at 5-day intervals until all late bloom is over. (This could mean 12-15 applications.) Continue to spray at 5 to 7-day intervals to control shoot and fruit infections. Do not apply within 30 days of harvest.
Fire Blight Apples (West Coast Area)	28.8 oz. Streptomycin 17 per acre (equivalent to 60 ppm at 600 gals./A)	Full bloom	Apply at petal fall and late secondary bloom. Continue to spray at 5 to 7-day intervals to maintain disease control but not later than 50 days before harvest.
Fire Blight Apples	24-48 oz. Streptomycin 17 per acre (equivalent to 50 - 100 ppm at 600 gals./A)	Spray trees at 20%- 30% bloom.	Spray trees every 3-4 days during blossom time. Apply sprays after petal fall every 10-14 days to control twig blight. (This could mean an additional 6-8 applications after blossom sprays.) Do not apply within 50 days of harvest.
Soft Rot and Blackleg Potatoes	100 ppm	Soak cut seed pieces in streptomycin solution for several minutes; plant as usual. Note: A suitable fungicide (such as Captan, Phygon, dithiocarbamates) should be used as an adjunct to this treatment for the control of fungal diseases associated with potato seed pieces.	
Wildfire and Blue Mold Tobacco	100 ppm for preventative action	Apply first spray when plants are in the 2-leaf stage or about the size of a dime or when blue mold first appears in the area.	Repeat application at 5 to 7-day intervals until plants are set in the field. Additional protection may be obtained by spraying field plants with 100 ppm in a weekly spray schedule.
	200 ppm for curative action	In locations where wildfire has been a problem in recent years or where applications have been delayed until disease appears, a spray of 200 ppm streptomycin is recommended. Follow the same schedule as above.	

Disease and Crop	Dust Concentration	First Dust	Follow-up Dust Schedule
Fire Blight Apples (West Coast Area)	1500 ppm dust	Full bloom	Apply at petal fall and late secondary bloom. Continue to apply at 5 to 7-day intervals to maintain disease control but not later than 50 days before harvest.
Fire Blight Pears (West Coast Area)	1500 ppm dust	10% bloom	Repeat at 5-day intervals until all late bloom is over. (This could mean 12-15 applications.) Continue to apply dust at 5-7 day intervals to control shoot and fruit infections. Do not apply within 30 days of harvest.
Wildfire and Blue Mold Tobacco	"Streptomycin Tobacco Dust" 0.3% activity (3000 ppm activity)	Apply 8 lbs./A within 1 week after setting tobacco plants in the field. Make 3 additional weekly applications at 10 lb., 12 lb., and 15 lb. per acre, respectively. If weather conditions favor disease development thereafter, apply 15 lb./A, as needed, until harvest.	

Additional information regarding use of Streptomycin 17 may be obtained from your local Agricultural Extension Agent or State Experimental Station.

STORAGE AND DISPOSAL

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

Storage: Keep tightly closed. Storage should be at a cool temperature when possible, and within minimum exposure to the atmosphere.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Disposal: Completely empty bag into application equipment. Then dispose of bag in a sanitary landfill, by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. May cause allergic skin reactions. Do not breathe dust or spray mist. Personal Protective Equipment (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and a dust/mist filtering respirator (MSHA/NIOSH approval number TC-21C). Follows 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. This material is not to be used for medical, veterinary, or human purposes.

User Safety Recommendations

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Remove PPE immediately after handling this product. Wash outside of gloves before removing.

As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product may be hazardous to aquatic plants. Do not apply directly to water, areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

Pace International, LLC
Seattle, WA 98104

STREPTOMYCIN 17 – SPECIMEN LABEL