

U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460

EPA Reg. Number:

69361-9

Date of Issuance: NOV

62003

Term of Issuance:

Conditional

Name of Pesticide Product:

Repar Streptomycin 17

NOTICE OF PESTICIDE:

<u>x</u> Registration Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Repar Corporation c/o Mandava Associates 1730 M Street, N.W., Suite 906 Washington, DC 20036

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)(C) provided that you:

- 1. Submit and/or cite all data required for registration 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. Make the following label change: Revise the EPA Registration Number to read, "EPA Reg. No. 69361-9".
- Submit storage stability and corrosion characteristics 3. data for the product tested with the currently used packaging upon completion of the studies.

Submit one copy of the revised final printed label for the record.

Signature of Approving Official:	Date:		
and Siche on		NOV	6 2003
Mary L. Waller, Product Manager (21)			- 7000

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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.

Sincerely yours,

Can| Sable | Mary L. Waller

Product Manager (21)

Fungicide Branch

Registration Division (7505C)

Enclosure

7505C:CGrable:cg:11/6/03

(CAS #3810-74-0) INERT INGREDIENTS	77.6%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

If in eyes:

•Hold eye open and rinse slowly with a steady, gentle

stream of 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 physician for treatment advice.

If on skin or:

•Take off contaminated clothing.

clothing

•Wash skin with plenty of water for 15-20 minutes.

•Call a poison control center or physician for

treatment advice, if irritation persists.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT: 2 POUNDS

MANUFACTURED FOR REPAR CORPORATION P.O. BOX 4321 SILVER SPRING, MD 20914 ACCEPTED
with COMMENTS
In EPA Letter Dated

NOV 6 2003

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

EPA Reg. No.: 69361-EPA Est. No.:

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 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 or Tribe, consult the agency responsible for pesticide regulation.

PRECAUTIONARY STATEMENTS

HAZARDOUS TO HUMANS (& DOMESTIC ANIMALS)

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. May cause allergic skin reactions. Avoid contact with skin and eyes. Do not breathe dust or spray mist. Wash thoroughly after handling.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

Applicators and other handlers must wear:

- A. Long-sleeved shirt and long pants.
- B. Chemical-resistant gloves made of any waterproof material
- C. Shoes plus socks
- D. Dust/mist filtering respirator (MSHA/NIOSH approval number TC-21C)

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. 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 the 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 interdial areas below the mean high water mark. Do not contaminate water by elegning of equipment or disposing of wastes.

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 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 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 instruction 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 12 hours.

PPE required for early entry to treated ares 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
Chemical-resistant gloves made of any waterproof material
Chemical resistant footwear plus socks
Dust/mist filtering respirator (MSHA/NIOSH approvi number TC-21C)

MIXING INSTRUCTIONS

Concentration Desired	Quantity of St	reptomycin 17 Per Vo	olume of Water
ppm*	50 gals.	100 gals.	500 gals.
50	2 oz.	4 oz.	20 oz.
60	2.4 oz.	4.8 oz.	1 ½ lbs.
100	4 oz.	½ lb.	2½ lbs.
200	½ lb.	1 lb.	5 lbs.

*ppm = parts per million

Disease and Crop	Recommended Concentration	First Spray	Follow-up Spray Schedule
Bacterial Blight Celery (Florida Area)	200 ppm	Apply first spray when seedings 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 sprey when seedings 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 grown 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.	

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	Recommended		
Disease and Crop	Concentration	First Spray	Follow-up Spray Schedule
Fire Blight	28.8 oz.	10% bloom	Repeat at 5-day intervals
Pears	Streptomycin 17	10% bloom	until all late bloom is over.
(West Coast Area)	per acre		(This could mean 12-15
(Trest Goust Allea)	(equivalent to		applications.) Continue to
ł	60 ppm at 600	1	spray at 5 to 7-day intervals
	gals./A)		to control shoot and fruit
i	90.5.77	ĺ	infections. Do not apply
)	within 30 days of harvest.
Fire Blight	28.8 oz.	Full bloom	Apply at petal fall and late
Apples	Streptomycin 17		secondary bloom. Continue
(West Coast Area)			
(West Coast Alea)	per acre	i	to spray at 5 to 7-day
į	(equivalent to		intervals to maintain disease control but not later than 50
{	60 ppm at 600		
Circ Clich:	gals./A)	Carry trans at 2007	days before harvest.
Fire Blight	24-48 oz.	Spray trees at 20%- 30% bloom.	Spray trees every 3-4 days
Apples	Streptomycin 17	30% bloom.	during blossom time. Apply
	per acre		sprays after petal fall every
* *	(equivalent to		10-14 days to control twig
}	50 - 100 ppm at		blight. (This could mean an
·	600 gals./A)		additional 6-8 applications
ì			after blossom sprays.) Do
ĺ		}	not apply within 50 days of
			harvest.
Soft Rot and	100 ppm	Soak cut seed pieces in streptomycin solution for	
Blackleg		several minutes; plant a	
Potatoes		Note: A suitable fungicide (such as Captan, Phygon,	
{	İ	dithiocarbamates) should be used as an adjunct to this	
į.		treatment for the control of fungal diseases associated	
		with potato seed pieces.	أيها التناف البيها فالمناف التنافي المنافية المن
Wildfire and Blue	100 ppm for	Apply first spray when	Repeat application at 5 to 7-
Mold	preventative	plants are in the 2-leaf	day intervals until plants are
Tobacco	action	stage or about the	set in the field. Additional
Ì	}	size of a dime or	protection may be obtained
		when blue mold first	by spraying field plants with
}	}	appears in the area.	100 ppm in a weekly spray
			schedule.
	200 ppm for	In locations where wildfire has been a problem in	
1	curative action	recent years or where applications have been delayed	
	ļ	until disease appears, a spray of 200 ppm	
)		streptomycin is recommended. Follow the same	
<u> </u>	·	schedule as above.	

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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 with minimum exposure to the atmoshpere.

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

IMPORTANT NOTICE - Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller and buyer assumes the risk of any such use.