



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

FEB 23 2009

Christie Hitchcock
Regulatory Specialist
Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Road, Suite 300
Raleigh, NC 27609

Subject: Label Notifications for Pesticide Registration Notice 2007-4; Updated Warranty
Statements per Pesticide Registration Notice 98-10

Dear Ms. Hitchcock,

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notices (PRNs) 98-10 and 2007-4 dated August 29, 2008 (and the label resubmissions sent February 19, 2009) for the following products:

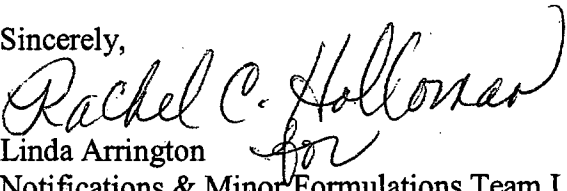
Ag Streptomycin	EPA Registration Number 66222-121
Klean Pik[®]	EPA Registration Number 66222-124
Parallel[®] Plus	EPA Registration Number 66222-132

The Registration Division (RD) has conducted its review of these requests for their applicability under PRNs 98-10 and 2007-4 and finds that the label changes requested fall within the scope of PRNs 98-10 and 2007-4. The labels submitted with the application have been 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 call me directly at 703-305-6249 or Steve Schaible of my staff at 703-308-9362.

Sincerely,



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

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	United States Environmental Protection Agency Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 66222-121	2. EPA Product Manager Linda Arrington	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Ag Streptomycin	PM# Registration Support Branch	
5. Name and Address of Applicant (Include ZIP Code) Makhteshim Agan of North America, Inc. 4515 Falls of Neuse Rd., Suite 300 Raleigh, NC 27609 <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 _____

NOTIFICATION
 FEB 27 2009

Section - II

<input type="checkbox"/> Amendment - Explain below. <input type="checkbox"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - Explain below.
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NOTIFICATION
 FEB 27 2009


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

Notification of label change per PR Notice 98-10 and PR Notice 2007-4. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and with the guidance of PR Notice 2007-4 and 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 of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make false statements to EPA. I further understand that if this notification/amended label is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, and 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.

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 type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input checked="" type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted If "Yes" Unit Packaging wgt. No. per container		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 50 lbs or less; greater than 50 lbs		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Other Self-adhesive <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled					

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Christie Hitchcock	Title Regulatory Specialist	Telephone No. (Include Area Code) 919-256-9342
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 Regulatory Specialist	
4. Typed Name Christie Hitchcock	5. Date 08-29-08	



August 29, 2008

Document Processing Desk (NOTIF)
Registration Division (7504P)
OPP, USEPA
Ariel Rios Building
1200 Pennsylvania Ave, NW
Washington DC 20460

Re: Ag Streptomycin; EPA Reg. No. 66222-121
Notification per PRN 98-10 and 2007-4

To Whom It May Concern:

We are notifying the Agency of several label updates as allowed in PR Notices 98-10 and 2007-4. The changes are summarized below:

- Updated the Warranty Statement that is now consistent with EPA's guidance document dated 10-17-06) (allowed per PRN 98-10 §II(J))
- Added Emergency Responder phone numbers in First Aid and/or Storage & Disposal sections (allowed per PRN 2006-01 §II(E))
- Updated container disposal instructions per PRN 2007-4

In support of this submission, the following documents are attached:

- Application for Pesticide Registration (EPA Form 8570-1)
- One copy of final printed labeling

Please contact me at 919-256-9342 or by email at chitchcock@manainc.com if you have any questions regarding this submission or would like a copy of the annotated label showing the changes for your files.

Sincerely,

Christie Hitchcock
Regulatory Specialist

Enclosures

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Ag Streptomycin

ACTIVE INGREDIENT:	% BY WT.
Streptomycin Sulfate (equivalent to 17% streptomycin) (CAS #3810-74-0)	22.4%
OTHER INGREDIENTS:	77.6%
	TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Manufactured for:
Makhteshim Agan of North America, Inc.
4515 Falls of Neuse Rd., Suite 300
Raleigh, NC 27609

~~NOTIFICATION~~
~~FEB 23 2009~~
~~NOTIFICATION~~
FEB 23 2009

EPA Reg. No. 66222-121

EPA Est. No. _____

Net Contents: _____ Lbs

FIRST AID

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 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 by mouth 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 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact PROSAR at 1-877-250-9291 for emergency medical treatment information.

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)

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:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- A NIOSH approved respirator with any N, R, P, or HE filter

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 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, to 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.

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 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 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
- Chemical-resistant gloves made of any waterproof material
- NIOSH approved respirator with any N, R, P, or HE filter
- Chemical-resistant shoes plus socks

MIXING INSTRUCTIONS

Concentration desired ppm*	Quantity Ag Streptomycin per Volume of Water		
	50 gals.	100 gals.	500 gals.
50	2 oz.	4 oz.	20 oz.
60	2.4 oz.	4.8 oz.	1 1/2 lb.
100	4 oz.	1/2 lb.	2 1/2 lb.
200	1/2 lb.	1 lb.	5 lb.

*ppm = parts per million

CROPS & DISEASES	RECOMMENDED CONCENTRATION	FIRST SPRAY	FOLLOW-UP SPRAY SCHEDULE
Apples Fire Blight	24-48 oz. Ag Streptomycin 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.
Apples Fire Blight (West Coast Area)	28.8 oz. Ag Streptomycin 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.
Celery Bacterial Blight (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.
Chrysanthemums Bacterial Wilt	50 ppm	Soak plant cuttings in streptomycin solution for 4 hours; plant as usual.	
Dieffenbachia Cuttings Bacterial Stem Rot	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.	
Home Garden Apple Trees Home Garden Pear Trees Pyracantha (Fire Thorn Bush) Fire Blight of the Rosaceae (CA)	100 ppm	Apply Ag 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.	
Pears Fire Blight	24-48 oz. Ag Streptomycin 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.
Pears Fire Blight (West Coast Area)	28.8 oz. Ag Streptomycin 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.
Peppers Bacterial Spot	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.
Philodendron Bacterial Leaf Rot	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.	
Potatoes Soft Rot and Blackleg	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.	
Roses (New Jersey Area) Crown Gall	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 Ag Streptomycin in watering solution and in foliar sprays applied weekly starting one week after planting as an adjunct to this treatment.	
Tobacco Wildfire and Blue Mold	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 Ag Streptomycin is recommended. Follow the same schedule as above.	
Tomatoes Bacterial Spot	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.

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

