



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

> OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Joseph W. Burley Regulatory Manager Sipcam Agro USA, Inc. 2520 Meridian Pkwy., Suite 525 Durham, NC 27713

SEP 3 0 2009

SUBJECT:

T: Applications for Pesticide Notification – Request to Add CPDA Language Appropriate to Approved Adjuvants per PR Notices 98-10, and Revise Storage & Disposal Language per PR Notice 2007-4
Echo® 720 with Eminent 125SL (Co-Pack) EPA Reg. Nos. 60063-7 and 60063-12
Echo® 720 with Muscle® 3.6F (Co-Pack) EPA Reg. Nos. 60063-7 and 60063-29
EchoPropiMax Fungicide (Echo® 720 / PropiMax<sup>™</sup> EC) (Co-Pack) EPA Reg. Nos. 60063-7 and 62719-346

Applications Dated August 5, 2009

Dear Mr. Burley:

The Agency is in receipt of your Applications for Pesticide Notification under Pesticide Registration Notices (PRNs) 98-10 and 2007-4 for the above products. The Registration Division (RD) has conducted a review of these requests for their applicability under PRNs 98-10 and 2007-4, and finds that that the actions requested fall within the scope of these PRNs. The labels submitted with the applications 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 <u>nonrefillable</u> 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 Terri Stowe of my staff at 703-305-6117.

Sincerely,

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

♣EPA	Environment	United States al Protection hington, DC 20460		Registrati Amendmo		
·····	· · · · ·	Applicat	ion for Pesticide - Section			
1. Company/Product Number 60063-7: 60063-12			2. EPA Product Manager		3. Proposed Classification	
60063-7; 60063-12 4. Company/Product Name			Tony Kish; Mary Waller			
Co-Pack of Echo 72	0 with Eminent	125SI	22; 21		None Restricted	
5. Name and Address of Applicant			6 Expedited Rev	iew In accordance	with FIFRA Section 3(c)(3)	
			-		in composition and labeling	
Sipcam Agro USA, Inc. 2520 Meridian Parkway, Suite 525 Durham, NC 27713			to: EPA Reg. No.			
Durnam, NC 277	15		Des dust Name			
Check if this is a ne	ew address		Product Name			
			Section - II			
Amendment - Explain below.			Final printed	labels in response to		
			Agency lette		NOTIFICATION	
Resubmission in response to	Agency letter dated		"Me Too" Ap	plication.	MICHION	
Notification - Explain below.			Other - Expla	ain below.	SEP 3 U 2009	
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08/05/2009

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete.

Joseph W. Burley

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#### Section II Explanation (continued):

Notification of addition of EPA approved language regarding certified adjuvants per PR Notice 98-10. This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the Confidential Statement of Formula except as certified in the paragraph above. 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 this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, 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.

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August 5, 2009

Document Processing Desk (NOTIF) Office of Pesticide Programs (7504P) U.S. Environmental Protection Agency Room S-4900, One Potomac Yard 2777 South Crystal Drive Arlington, VA 22202-4501

Subject: Echo 720-Eminent 125SL Fungicide Co-Pack EPA Reg. Nos. 60063-7 and 60063-12 Notifications per PR Notice 2007-4 and PR Notice 98-10

Dear Sir or Madam:

In support of the above notifications, please find the following documents enclosed:

- Application for Pesticide Notification, Form 8570-1
- One copy of the product labeling, which is annotated to enable the Agency to differentiate the changes which have been made to that label

SipcamAdvan

- One clean copy of the label, containing the incorporated changes
- Copy of a letter from Mr. Donald Stubbs which acknowledges that the CPDA language appropriate to approved adjuvants can be added to a registrant's label by notification under the procedures set forth in PR Notice 98-10.

For ease of review by the Agency, please note that changes to this product label are limited to those found on pages 5 and 6. Those changes have been underlined and highlighted in the annotated copy.

If you have any questions about this submission, please feel free to call me at 770-594-6356

Sincerely,

Joseph W. Burley PhD Regulatory Manager Sipcam Agro USA, Inc.

Annotated

## Echo 720 - Eminent125SL Fungicide Co-Pack For control of certain diseases in peanuts

# ECHO<sup>®</sup> 720

EPA Reg. No. 60063-7

Active Ingredient: Chlorothalonil	
(tetrachloroisophthalonitrile)	54.0%
Other Ingredients:	46.0%
Total:	

Contains 6.0 Pounds Chlorothalonil Per Gallon

Net Contents: 1.25 Gallons (4.732 liters)

ECHO is a registered trademark of Sipcam Agro USA, Inc.

## Precautionary Statements Hazards to Humans and Domestic Animals

**WARNING**: May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Do not breathe spray mist.

Eminent 125SL	NOTIFICATION
EPA Reg. No. 60063-12	SEP 3 @ 2009
Active Ingredient: Tetraconaz dichlorophenyl)-3-(1,1,2,2-t	etrafluoroethoxy)
propyl]-1H-1,2,4-triazole] Other Ingredients Total	
Contains 1 lb active ingredient (tetra	
Net Contents: 2.25 Quarts (2	2.13 liters)
Eminent is a registered trademark of Italy.	ISAGRO S.p.A., Milan,
Precautionary S	tatements
Hazards to Humans and CAUTION: Harmful if swallow through skin. Causes moder.	Domestic Animals ved or absorbed

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

# Keep Out of Reach of Children WARNING – AVISO

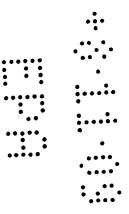
Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

		FIRST AID		
IF INHALED	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>			
IF ON SKIN OR CLOTHING	Rinse s	f contaminated clothing. kin immediately with plenty of water for 15-20 minutes. oison control center or doctor for treatment advice.		
IF IN EYES	Remove	e open and rinse slowly and gently with water for 15-20 minutes. e contact lenses, if present, after the first 5 minutes, then continue rinsing eye. oison control center or doctor for treatment advice.		
IF SWALLOWED:	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have affected person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>			
Have the product cor treatment.	tainer or lab	el with you when calling a poison control center or doctor, or going for		
Emergency phone numbers		<ul> <li>(800) 222-1222 Poison Control Center (human health)</li> <li>(800) 858-7378 NPIC (human and animal health)</li> <li>(800) 424-9300 CHEMTREC (transportation and spills)</li> </ul>		
	lorothalonil) sons having	portion of this product- Probable mucosal damage may contraindicate the use a temporary allergic reaction respond to treatment with antihistamines or teroids.		

# Echo 720 - Eminent125SL Fungicide Co-Pack For control of certain diseases in peanuts

EPA Est. No. \_\_\_\_\_

Manufactured for Sipcam Agro USA, Inc. 2520 Meridian Parkway, Suite 525 Durham, NC 27713



6/11

# Echo 720 - Eminent125SL Fungicide Co-Pack

For control of certain diseases in peanuts

# Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to these products are barrier laminate, butyl rubber  $\geq 14$  mils, nitrile rubber  $\geq 14$  mills, polyvinyl chloride (PVC)  $\geq 14$  mils, and viton  $\geq 14$  mills. If you want more options, follow the instructions for Category C on the EPA chemical resistance category selection chart.

#### Mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear
- Chemical-resistant gloves made of waterproof material, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyethylene, polyvinyl chloride, or viton; if you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart;
- A NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter.

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. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. DO NOT reuse them.

## **Engineering Control Statements**

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 160.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

## **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.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

## **Environmental Hazards**

These products are toxic to aquatic invertebrates, fish and wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Chlorothalonil can contaminate surface water through spray drift. Do not apply when weather conditions favor drift from treated areas. Under some conditions, it may also have a high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface water.

Chlorothalonil degradates are known to leach through soil into ground water under certain conditions as a result of label use. Use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

## **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, or pets, either directly or through drift. Only protected handlers may be in the area during applications. For any requirements specific to your State or Tribe, consult the Agency responsible for pesticide regulation.

## Agricultural Use Requirements

Use these products 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.

This co-pack includes two separate products which are designed to be used and applied together to the intended site. Agricultural use requirements subject to the Worker Protection Standard are hereby stated in accordance with the most protective of the two product labels:

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
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear

**Special Eye Irritation Provisions**: The Echo 720 component of this co-pack product is a severe eye irritant. Although the REI for the co-pack product expires after 12 hours, for the next 6 ½ days entry is permitted only when the following safety measures are provided:

At least one container designed specifically for flushing eyes must be available in operating condition at the WPS-required decontamination site intended for workers entering the treated area.

Workers must be informed, in a manner they can understand:

- that residues in the treated area may be highly irritating to their eyes;
- that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes;
- that if they do get residues in their eyes, they should immediately flush their eyes using the eyeflush container that is located at the decontamination site or using other readily available clean water; and
- how to operate the eyeflush container.

## **General Information**

Use Echo 720-Eminent 125SL Fungicide Co-Pack only for the control of certain diseases in peanuts as specified on this label.

Failure to follow directions and precautions on this label may result in crop injury, poor disease control, or illegal residues.

This product must not be applied within 150 feet (for aerial and air-blast applications), or 25 feet (for ground applications) from marine/estuarine water bodies unless there is an untreated buffer area of that width between the area to be treated and the water body.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. The following drift management requirements must be followed to avoid off-target drift movement from aerial applications to agricultural field crops. These requirements do not apply to forestry applications, public health uses or to applications using dry formulations.

- 1. The distance of the outer most nozzles on the boom must not exceed 3/4 the length of the Wingspan or rotor.
- Nozzles must always point backward parallel with the air stream and never be pointed downwards nore than 45 degrees.

Where states have more stringent regulations, they should be observed.

# **Aerial Drift Advisory Information**

#### INFORMATION ON DROPLET SIZE

The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential but will not prevent drift if applications are made improperly, or under unfavorable conditions (see Wind, Temperature).

#### CONTROLLING DROPLET SIZE

- Volume- Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets.
- Pressure- Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower
  pressure produces larger droplets. When higher flow rates are needed, use higher flow rate nozzles instead
  of increasing pressure.
- Number of nozzles- Use the minimum number of nozzles that provide uniform coverage.
- Nozzle orientation- Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential.
- Nozzle type- Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift potential.

#### **BOOM LENGTH**

For some use patterns, reducing the effective boom length to less than  $\frac{3}{4}$  of the wingspan or rotor length may further reduce drift without reducing swath width.

#### APPLICATION HEIGHT

Applications should not be made at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure of droplets to evaporation and wind.

#### SWATH ADJUSTMENT

When applications are made with a crosswind, the swath will be displaced downwind. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, small drops, etc.).

#### WIND

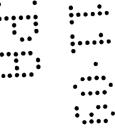
Drift potential is lowest between wind speeds of 2-10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

#### TEMPERATURE AND HUMIDITY

When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

#### **TEMPERATURE INVERSIONS**

Applications should not occur during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing.



## Echo 720 - Eminent125SL Fungicide Co-Pack For control of certain diseases in peanuts

**Aerial Application:** Apply in a **minimum of 5 gallons of water per acre**, unless specified otherwise. Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur. Do not apply directly to humans or animals.

Ground Application: Apply by ground equipment in a minimum of 15 gals of water per acre.

**Chemigation:** Do not apply this product through any type of irrigation system.

## **Mixing Instructions**

Note: Slowly invert container several time to assure uniform mixture.

Thoroughly clean spray equipment before using this product.

The contents of this container are designed to be applied to ten (10) acres of growing peanut crop. Prepare no more spray mixture than is required for the immediate operation. Add 1/2 to 2/3 of the required amount of water to the spray or mixing tank, and begin agitation. Pour the entire contents both chambers of this container into the tank at the same time, maintaining constant agitation, to form a suspension in water. Slowly add the remaining required amount of water to the tank. Continue agitating the spray suspension before and during application.

Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to a previously treated area of the same crop.

If using in a tank mixture of this product with other materials or pesticides registered for peanuts, observe all directions for use, use rates, dilution ratios, precautions, and limitations required by the label of the tank mix product. When tank mixing this product with other pesticides observe the more restrictive label limitations and precautions. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing. When an adjuvant is to be used with this product, Sipcam Agro USA recommends the use of a Chemical Producers and Distributors Association (CPDA) certified adjuvant.

## **Directions For Use on Peanuts**

Apply the entire contents of this co-pack container together for the control of the following diseases of peanuts caused by fungi:

- Early leafspot (Cercospora arachidicola)
- Late leafspot (Cercosporidium personatum)

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• Web blotch (Phoma arachidis)

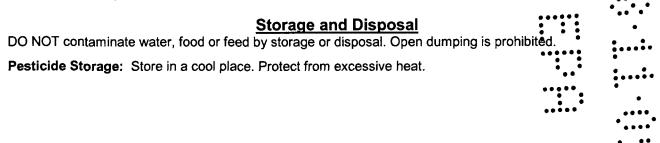
• Rust (Puccinia arachidicola)

Apply when conditions favor disease, generally when leaf wetness first occurs, or 30 to 40 days after planting. Repeat applications of this product at 14 day intervals if conditions remain favorable for disease. Do not make more than seven (7) applications of this product per growing season. Do not apply within 14 days before harvest (digging) of peanuts. Do not allow livestock to graze in treated areas. Do not feed hay or threshings from treated fields to livestock.

## **Rotational Crops**

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To avoid possible illegal residues, crops other than peanuts must not be grown within 120 days following the last application of this product.



## Echo 720 - Eminent125SL Fungicide Co-Pack For control of certain diseases in peanuts

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**Container Disposal:** <u>Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) 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 ½ 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. Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.</u>

# WARRANTY AND LIMITATION OF DAMAGES

CONDITIONS OF SALE: To the extent consistent with applicable law, Sipcam Agro USA, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Sipcam Agro USA, Inc. SIPCAM AGRO USA, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SIPCAM AGRO USA, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SIPCAM AGRO USA, INC.'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. SIPCAM AGRO USA, INC. DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.

