



SIPCAM AGRO USA, INC.

A co-pack of
Echo® 720 (EPA Reg. No. 60063-7)

With

Muscle® 3.6F (EPA Reg. No. 60063-29)

For Control of Certain Diseases
in Peanuts



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	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.
IF ON SKIN OR CLOTHING	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 IN EYES	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	Call a poison control center or doctor immediately for treatment advice. Have affected person sip a glass of water if able to swallow. Do not induce vomiting unless told by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

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

Emergency phone numbers	(800) 424-9300 CHEMTREC (transportation and spills) (800) 900-4044 Poison Control Center (human health) (800) 345-4735 ASPCA (animal health)
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NOTES TO PHYSICIAN:

For the Echo 720 (chlorothalonil) portion of this product- Probable mucosal damage may contraindicate the use of gastric lavage. Persons having a temporary allergic reaction respond to treatment with antihistamines or steroid creams and/or systemic steroids.

For the Muscle (tebuconazole) portion of this product- No specific antidote. Treat symptomatically.

Muscle® 3.6F

EPA Reg. No. 60063-29

Active Ingredient: Tebuconazole

(Alpha-[2-(4-chlorophenyl)ethyl])-alpha-(1,1-dimethyl)-
1H-1,2,4-triazole-1-ethanol)

38.7%

Inert Ingredients 61.3%

Total 100.0%

Contains 3.6 pounds tebuconazole per gallon

Net Contents 72 fl.oz. U.S. Standard Measure

Hazards to Humans and Domestic Animals

Harmful if swallowed, inhaled or absorbed through skin.

Avoid contact with skin, eyes, and clothing. Avoid

breathing vapor or spray mist. Prolonged or

frequently repeated skin contact may cause

allergic reactions in some individuals.

Muscle is a trademark of

Sipcam Agro USA, Inc.

PEEL BACK BOOK HERE AND RESEAL AFTER OPENING

ECHO® 720

Active Ingredient: Chlorothalonil

(tetrachloroisophthalonitrile) 54.0%

Other Ingredients: 46.0%

Total: 100.0%

Contains 6.0 pounds chlorothalonil per gallon

EPA Reg. No. 60063-7

EPA Est. No. 37429-GA-01

Precautionary Statements

Hazards to Humans and Domestic Animals

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.

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

Net Contents: 160 fl.oz. U.S. Standard Measure

MANUFACTURED FOR

SIPCAM AGRO USA, INC.

300 COLONIAL CENTER PKWY, SUITE 230 • ROSWELL, GA 30076

Personal Protective Equipment (PPE)

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

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

- Long-sleeved shirt and long pants;
- 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);
- Shoes plus socks;
- Protective eyewear;
- 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 thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.
- 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

This product is toxic to aquatic or estuarine and marine invertebrates and fish. 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 waters with vegetated filter strips, and areas overlaying tile drainage systems that drain to 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.

Read all Directions for Use carefully before applying.

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 waterproof material, such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyethylene, polyvinyl chloride, or viton
- 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 6½ 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 Muscle 3.6F 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.

OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS AND ESTUARIES.

Apply only during alternate years in fields adjacent to aquatic areas listed above.

Do not apply by ground or air within 100 feet of aquatic areas listed above.

Do not cultivate within 10 feet of an aquatic area to allow growth of a vegetative filter strip.

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 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.

Aerial Application: Apply by aircraft in a **minimum of 5 gals of water per acre.**

Ground Application: Apply by ground equipment in a **minimum of 10 gals of water per acre.**

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

Mixing Instructions

Note: Slowly invert container several times 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 $\frac{1}{2}$ to $\frac{2}{3}$ 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.

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. No label dosage rate should be exceeded, and the most restrictive label precautions and limitations should be followed. This product must not be tank mixed with any product that prohibits such mixing.

Compatibility:

- To determine the physical compatibility of this Echo 720 Muscle 3.6F co-pack with other products, the following procedure should be followed: Pour the recommended proportions of the products into a suitable container of water, mix thoroughly and allow to stand at least five (5) minutes. If the combination remains uniformly mixed or can be re-mixed readily, the mixture is considered physically compatible.
- Biological compatibility, i.e. effectiveness for disease control or lack of phytotoxicity, must be determined on a case-by-case basis. Do not mix this product with any other pesticide, fertilizer, adjuvant or any other materials except water unless you know that such mixtures will be effective and non-injurious to your crop under your conditions of use.

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

White mold, Southern blight, Southern stem rot (*Sclerotium rolfsii*)

Rhizoctonia limb rot (*Rhizoctonia solani*)

Rhizoctonia pod rot (Virginia and South Carolina only) (*Rhizoctonia solani*)

Early leafspot (*Cercospora arachidicola*)

Late leafspot (*Cercosporidium personatum*)

Web blotch (*Phoma arachidicola*)

Rust (*Puccinia arachidis*)

Pepper spot (*Leptosphaerulina crassiasca*)

Four-application spray program:

Applications of a chlorothalonil fungicide product alone should be made to the crop prior to and following applications of this co-pack product in order to maintain proper control of foliage diseases. For control of soilborne diseases in a typical preventive fungicide program for peanuts, apply this product approximately 45 to 60 days after planting (early pegging). Repeat applications at 14-day intervals consecutively four times.

Leaf spot advisory schedule: For control of soilborne diseases in an advisory schedule, apply this product in the first advisory spray, usually occurring in July, and continue applications at 14-day intervals.

The Muscle 3.6F component of this product must be carried by rainfall or irrigation into the root and pod zone for control of root rot and pod rots caused by *Sclerotium rolfsii* and *Rhizoctonia solani*. Drought conditions will decrease the effectiveness of Muscle 3.6F against the root and pod rots.

Use this product in conjunction with cultural practices that are known to reduce the severity of soilborne diseases, such as proper crop rotation practices.

Do not make more than four (4) 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

Treated areas may be replanted with any crop specified on this label as soon as practical after last application. Any crop not specified on this label may be planted into treated areas 120 days after last application.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

Pesticide Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Protect from excessive heat.

Handle and open container in a manner as to prevent spillage. If container is leaking, invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away. You may contact CHEMTREC [phone: 800-424-9300] for decontamination procedures or any other assistance that may be necessary.

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: DO NOT reuse empty container. Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND LIMITATION OF DAMAGES

CONDITIONS OF SALE: 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 allowed by State 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** to the extent allowed by State law, **ASSUME ALL RISKS AND LIA-**

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11/6/2006