

71532-1

05-26-2011

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

MAY 26 2011

Mr. Matthew Brooks, PhD
AG- Chem Consulting
Agent for LG Life Sciences
12208 Quinque Lane
Clifton, VA 20124

Dear Dr. Brooks:

Subject: Label amendment to list impregnation uses
LG Permethrin Technical
EPA Registration Number 71532-1
Your email dated May 25, 2011

The application referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable with the following comment:

1. On page 5 change "In UDSA meat and egg processing plants." to "In meat, poultry and egg processing facilities.".

A stamped copy is enclosed for your record.

If you have any questions regarding this action, please contact Linda A. DeLuise of my team at (703) 305-5428.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Richard Gebken".

Richard Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

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LG PERMETHRIN TECHNICAL INSECTICIDE **ACCEPTED**
AN INSECTICIDE FOR FORMULATING USE ONLY
FOR FORMULATION INTO END-USE INSECTICIDES **with COMMENTS**
FOR MANUFACTURING USE IN IMPREGNATING TEXTILES **In EPA Letter Dated**

MAY 26 2011
 Under the Fungicide, and Insecticide Act
 as amended, for the pesticide
 registered under EPA Reg. No
31532-1

ACTIVE INGREDIENT:

*Permethrin.....	95.2%
OTHER INGREDIENTS.....	4.8%
Total.....	100.0%

*(3-Phenoxyphenyl)methyl(+) cis,trans-3-(2,2dichloroethyl)- 2,2-dimethylcyclopropanecarboxylate
 *cis/trans ratio: min. 35% (±) cis and max. 65% (±) trans.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel For Additional Precautions

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center. • 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 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.

Manufactured by:
 LG Life Sciences, Ltd.
 910 Sylvan Avenue
 Englewood Cliffs, NJ 07632

EPA Reg.#71532-1
 EPA Est.#71532-KOR-1

Net Contents: 110 lbs.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION: Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly after handling.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame.

USER SAFETY RECOMMENDATIONS

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

ONLY FOR FORMULATION INTO AN INSECTICIDE FOR THE FOLLOWING USES:

(1).

General Outdoor Insect Control:

Do not apply more than 2 pounds active ingredient per acre per year.

Terrestrial Food:

- Alfalfa
- Almonds
- Apples
- Artichokes Asparagus Asparagus Fern
- Avocados Cherries
- Cole Crops¹ Collards
- Cucurbit vegetables² Eggplant
- Field corn/popcorn/seed corn Filberts
- Horseradish

- Leafy vegetables (except Brassicas)³ Mushrooms
- Onions (dry bulb & garlic)
- Papaya (FL only)
- Peaches, Nectarines

Pears
 Peppers, bell
 Pistachios Potatoes
 Range Grass (NM only)
 Soybeans Sweet Corn Tomatoes Turnips
 Walnuts

¹ Broccoli, Chinese broccoli, Brussels sprouts, cabbage, Chinese cabbage, cauliflower, Cavolo broccoli, and kohlrabi.

² **Chavote (fruit)** (*Sechium edule*): **Chinese waxgourd (Chinese preserving melon)** (*Bemincasa hispida*); **Citron melon** (*Citrullus lanatus* var. *citroides*): **Cucumber** (*Cucumis sativus*); **Gherkin** (*Cucumis ancuria*): **Gourd, edible** (*Lagenaria* spp.) (includes hvotan, cucuzza); (*Luffa* spp.) (includes hechima, Chinese okra); (*Momordica* spp.) (includes balsam apple, balsam pear, bitter melon, Chinese cucumber, **Muskmelon** (hybrids and/or cultivars of *Cucumis melo*) (includes true cantaloupe, cantaloupe, casaba, Crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Calus melon, and snake melon); **Pumpkin** (*Cucurbita sm*): **Squash, summer** (*Cucurbita DeDo* var. *melopepo*) (includes crookneck squash, scallop squash, straihtneck squash, vegetable marrow, zucchini); **Squash, winter** (*Cucurbita maxima*; *C. moshata*) (includes butternut squash, calabaza, hubbard squash) (*C. mixta*; *C. Pew*) (includes acorn squash, spaghetti squash); **Watermelon** (includes hybrids and/or varieties of *Citrullus* spp.).

³ **Amaranth** (leafy amaranth, Chinese spinach, tamoala): **Arucjula** (*Rocquette*); **Cardoon**; **Celery**; Celery, Chinese; **Celtuce**; **Chervil**; **Chrysanthemum, edible-leaved and garland**; **Corn salad** **Cress, garden**; **Cress, upland** (yellow rocket, winter cress); **Dandelion**; **Dock** (sorrel); Endive (escarole); **Fennel, Florence** (finochio); **Lettuce, head and leaf**; **Orach**; **Parsley***, **Purslane, garden**; **Purslane, winter**; **Radicchio** (red chicory); **Rhubarb**; **Swiss chard**.

Spinach (including New Zealand and vine, Malabar spinach, Indian spinach).

Terrestrial Non-Food Use Only:

- Christmas Trees (container & field-grown)
- Chrysanthemums
- Conifers (container & field-grown)
- Pine Seed Orchards
- Ornamentals / Nursery Stock (container & field grown)
- Non-Bearing Fruit Trees (container & field grown)
- Foliage / Flowering Plants (container & field grown)
- Trees, Shrubs & Groundcovers
- Ornamental Lawns & Turf Grasses (including golf courses)
- Ornamental Gardens & Parks
- Wood Treatment & Protection
- Roses (field-grown & greenhouse)

Greenhouse (Non-Food Use Only)

Termiticide Soil Contact Nonfumigation Treatment

Domestic Farm Animals

- Cattle
- Horses
- Hogs
- Poultry
- Sheep
- Goats

Agricultural Premises (Indoor & Outdoor) Companion Animals

General Indoor Insect Control

Food/Feed Handling Establishments: Places other than private residences in which food/feed is held, processed, prepared or served.

Nonfood/feed Areas: May be used to manufacture end-use products for use as a general spot or crack and crevice treatment in nonfood areas. Similar areas where insects hide or through which insects may enter can be treated. Examples of nonfood areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

Food/Feed Areas: May not be used to manufacture products for use in food/feed areas. Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed. Examples of food areas are areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible wastes storage and enclosed processing systems (mills, dairies, edible oils, syrups), serving areas (when food is exposed and facility is in operation) also would be considered a food area.

Domestic Indoor:

For manufacturing use in impregnating textiles. Incorporate into the coatings matrix of the fabrics at a rate not to exceed 1.25 grams Permethrin per square meter of fabric.

- Fiber Product Protection
- Human Articles and Materials
- Human Body Hair

Formulation into Wettable Powder:

Not for formulation into Wettable Powder formulations unless they are packaged in water soluble bags.

Not for formulation into an end use product for use in outdoor residential misting systems.

Formulation into Liquid and Ready to Use Products labeled or intended for use on residential indoor surfaces:

All liquid and RTU products labeled for use on indoor surfaces (broadcast, baseboard, spot, and crack and crevice) at residential sites must be formulated to contain no more than 0.5% of permethrin active ingredient.

All liquid products (excluding RTU aerosols) labeled for use on indoor surfaces must state the following: Not for Broadcast Use.

Formulations into Total Release Foggers labeled for use on residential indoor spaces:

Total release foggers labeled for indoor use at residential sites must be formulated to contain no more than 0.58% permethrin active ingredient.

Formulators using this product are responsible for obtaining EPA registration for their formulated product which may be labeled for the use patterns as found listed on this label.

- (1). Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and
- (2). Uses for experimental purposes that are In compliance with USEPA requirements.

NOTE: *Not for use to formulate products to be used:

- In warehouses where raw or cured tobacco is stored.
- In warehouses while raw agricultural commodities for food or feed are stored.
- In greenhouses where crops for food or feed are grown.
- In USDA meat and egg processing plants.
- For mosquito control (ULV) products.

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

Storage: Keep container closed when not in use. Do not store near food or feed. Protect from freezing. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

Pesticide Disposal: Nonrefillable Container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal.

Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture 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 of the nearest EPA Regional Office for guidance.

Container Disposal: Triple rinse (or equivalent); then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying and using this product. If the terms are not acceptable, return the product at once, unopened- and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions presence of other materials or other influencing factors in the use of the product, which are beyond the control of LG Life Sciences, Ltd. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold LG Life Sciences, Ltd. and Seller harmless for any claims relating to such factors.

LG Life Sciences, Ltd. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated *in* the Directions for Use, subject to the inherent risks referred to above. When used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or LG Life Sciences, Ltd. and Buyer and User assume the risk of any such use. To the extent permitted by law, LG Life Sciences, Ltd. **MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

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