



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 9, 2016

Matthew Brooks, Ph.D.
Regulatory Consultant
LG Life Sciences, Ltd.
c/o Ag-Chem Consulting
12208 Quinque Ln.
Clifton, VA 20124

Subject: Label Amendment – Addition of new use sites and revision to Storage and Disposal section.
Product Name: LG Permethrin Technical
EPA Registration Number: 71532-1
Application Date: January 12, 2016
Decision Number: 513035

Dear Dr. Brooks:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

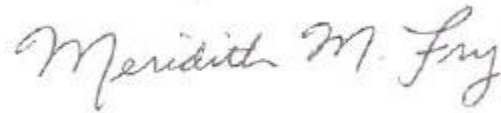
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Page 2 of 2
EPA Reg. No. 71532-1
Decision No. 513035

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Jennifer Gaines at 703-305-5967 or via email at gaines.jennifer@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Meredith M. Fry".

Meridith M. Fry, Ph.D., Product Manager 4
Invertebrate & Vertebrate Branch 1 (IVB1)
Registration Division (7505P)
Office of Pesticide Programs

Enclosure

LG PERMETHRIN TECHNICAL INSECTICIDE

AN INSECTICIDE FOR FORMULATING USE ONLY

ACTIVE INGREDIENT:

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

*(3-Phenoxyphenyl)methyl(+) cis,trans-3-(2,2dichloroethenyl)- 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

ACCEPTED

Jun 09, 2016

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 71532-1

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.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the poison Control Center at 1-800-222-1222.</p>	

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. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

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.

DIRECTIONS

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

ONLY FOR FORMULATION INTO AN INSECTICIDE FOR THE FOLLOWING USES:

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 Claus melon, and snake melon); **Pumpkin** (*Cucurbita sm*): **Squash, summer** (*Cucurbita pepo* var. *meloepo*) (includes crookneck squash, scallop squash, straightneck 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, tampala): **Arugula** (*Rocouette*); **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** (finocchio); **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
Mosquito and Biting Fly Control

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.

Outdoor Residential Misting Systems:

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 (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 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.

This product may be used to formulate products for specific use(s) not listed on the MP label if the formulator, user group, or grower has complied with US EPA submission requirement regarding support of such use(s).

This product may be used to formulate mosquito control products that are labeled for application over growing crops and range grasses that have established tolerances for permethrin.

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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in original container only. Keep container close 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: 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 at the nearest EPA Regional Office for guidance.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or pressure rinse) as follows:

Triple Rinse: Empty the remaining contents into a storage container or a mix tank. Fill the container ¼ full with appropriate solvent (1). Replace and tighten closure. 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 it back and forth several times. Empty the rinsate into a storage container for later use or disposal or into a mix tank for product formulation. Repeat this procedure two more times.

Pressure Rinse:

Empty the containing contents into a storage container a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over storage container or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

(1) An appropriate solvent would be including a solvent that will dissolve technical material. The rinsate may be used later to formulate a product or may be disposed of accordance with local, state and national environmental laws, rules, standards and regulations.

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 must 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 and 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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