



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 18, 2017

Sherry Hutcheson  
Sr. Regulatory Manager  
United Phosphorus, Inc.  
630 Freedom Business Center, Suite 402  
King of Prussia, PA 19406

Subject: Label and CSF Amendment – Revised label to update nominal concentration and Revised CSFs (Basic & Alternate 1)  
Product Name: PERMETHRIN TECHNICAL  
EPA Registration Number: 70506-4  
Application Date: 12/28/2016  
Decision Number: 525063

Dear Ms. Hutcheson:

The amended label and CSF(s) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are 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.

Please note that the record for this product currently contains the following CSF(s):

- Basic CSF dated 09/08/2017
- Alternate CSF 1 dated 09/12/2017

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.

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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.

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 Matthew Aubuchon by phone at 703 347-0477, or via email at [Aubuchon.Matthew@epa.gov](mailto:Aubuchon.Matthew@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Elizabeth Fertich". The signature is cursive and somewhat stylized.

Elizabeth Fertich  
Acting Product Manager 03  
Invertebrate & Vertebrate Branch 1  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

**ACCEPTED**

09/18/2017

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 70506-4

Permethrin Technical Label  
Clean  
September 12, 2017

### PERMETHRIN TECHNICAL

For Formulation Use only in the production of insecticide/termite products

Active Ingredient:

Permethrin*	97.0%
Inert Ingredients	3.0%
TOTAL	100.0 %

\*cis/trans ratio: Max 42% (±) cis and min 58% (±) trans

#### KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact Rocky Mountain Poison and Drug Center at 1-866-673-6671 for emergency medical treatment information.	

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call CHEMTREC at 1-800-424-9300.**

EPA Reg. No. 70506-4  
EPA Est. No.

United Phosphorus, Inc.  
630 Freedom Business Center  
King of Prussia, PA 19406  
1-800-438-6071

Net Contents:

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

Caution. Harmful if swallowed or absorbed through the 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, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

**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 bodies of water 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 the Regional Office of the Environmental Protection Agency.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not use or store near open heat or open flame.  
Incompatible with strong oxidizing agents.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label. Use strictly in accordance with precautionary statements and directions, and with applicable state and federal regulations.

Not for formulation into wettable powder formulations unless they are packaged in water soluble bags. 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." Total release foggers labeled for indoor use at residential sites must be formulated to contain no more than 0.58% permethrin active ingredient.

Not for formulation into products to be used in foggers (thermal and cold foggers) for indoor use handheld foggers.

For impregnated fabric applications: Do not exceed an application rate equivalent to 1.25 grams of ai per square meter of fabric.

Only for formulation of Insecticide/Termiticide products intended for the following uses:

**Indoors:** Wood and wood structure protection (against termites, beetles, etc.) and general insect pest control in buildings, structures, transports and their immediate surroundings, including but not limited to: agricultural (exterior surfaces of non-poultry facilities, interior and exterior surfaces of poultry houses), industrial and commercial buildings, houses, apartment buildings, laboratories, buses, greenhouses (non-food crops) and the non-food/feed areas of stores, warehouses, vessels, railcars, trucks, trailers, aircraft (other than occupied cabins), schools, nursing homes, hospitals, (non-patient areas), restaurants, hotels, food manufacturing, processing and serving establishments, and plantscapes in interior gardens.

**Terrestrial Outdoor (Non-Food) Uses:** Ornamentals including non-bearing fruit and nut trees grown for ornamental purposes, evergreens, ornamental trees, shrubs, vines, ground covers, lawn and turfgrass grown around industrial and commercial buildings, private homes, duplexes, townhouses, condominiums, house trailers, apartment complexes, carports, garages, sport fields and complexes, tennis courts, fence lines, storage sheds, barns, and their structures (fences, slabs, crawlspaces, foundations, porches, window frames, eaves, patios, garages) and refuse dumps.

**Greenhouses:** Indoor and outdoor (shade house) grown floral and foliage plants (non-food uses).

**Domestic Indoor/Outdoor (noncommercial homeowner uses):** Yards, lawns, turf, domestic ornamental plantings (trees, shrubs, flowers), ornamental fruit and nut trees around residential sites, porches, patios, foundations, steps, eaves, buildings (for termites, beetles, ticks, including ticks which carry Lyme disease and Rocky Mountain Spotted Fever, and directed pesticide control for ants, cockroaches, spiders and nuisance insect pests).

**Non-Crop:** Non-food producing areas such as farmyards, fuel storage areas, fence rows, rights-of-way (highway, railroad, utility), airports, recreation areas (fairgrounds, race tracks, tennis courts, fence rows, hedgerows, non-agricultural areas for directed pest control to pests (beehives, ant mounds, termite hills/nests).

**Terrestrial Food:** Alfalfa, Almond, Apple, Artichoke, Avocado, Broccoli, Cabbage, Cauliflower, Celery, Celtnice, Cherry, Chervil, Chinese Amaranth, Chinese Broccoli, Collards (only in AR, AZ, GA, IL, NC, OK, SC, and TX), Corn (Field, Pop and Sweet), Cucurbit Vegetable Group, Dandelion, Dock (sorrel), Eggplant, Endive (escarole), Fennel, Filbert, (hazelnut), Garden Purslane, Garden Cress, Garlic, Garland Chrysanthemum, Head Lettuce, Horseradish, Leafy Vegetables, Melons (Cantaloupe), Mushrooms, Onion, Orach (mountain spinach), Papaya (FL only), Parsley, Peach, Pear, Peppers (bell), Pistachio, Potato, Pumpkin, Range Grasses (NM only), Rhubarb, Roquette (arrugula), Soybeans, Spinach, Spinach (New Zealand), Squash (winter), Swiss Chard, Tomato, Turnips (only in FL, GA, IL, IN, OK, SC, TX, and WA), Upland Cress, Walnut, Water Cress, Winter Purslane.

**Domestic Farm Animals:** Cattle, Horses, Swine, Poultry.

**Companion Animals**

**General Outdoor Insect Control**

**Domestic Outdoor-Wood or Wood Structure Protection Treatments**

**Mosquito Control**

**Fiber Product Protection**

**Human Articles and Materials**

**Other Uses**

1. Uses for which U.S. EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registrations.

2. Uses for experimental purposes that are in compliance with US EPA requirements.

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

In warehouses where raw or cured tobacco is stored.

In warehouses where raw agricultural commodities for food or feed are stored.

In greenhouses where crops for food or feed are grown.

Not for use in aircraft cabins.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited.

**PESTICIDE STORAGE**

Keep pesticide in original container. Store in cool, dry place. Protect from excessive heat. Do not use or store near heat or open flame. Do not contaminate foods or foodstuffs. Do not store or transport near food or feed.

**PESTICIDE DISPOSAL**

Wastes resulting from the use of this product may be disposed on site or at an approved waste disposal facility.

**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 application equipment or a mix tank. Fill the container  $\frac{1}{4}$  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 back on its end and tip it 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 and disposal. Repeat this procedure two more times. Then offer for recycling or reconditioning if available, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Pressure rinse: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment 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 40 PSI for at least 30 seconds. Drain for 10 seconds after flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

**LIMITED WARRANTY**

United Phosphorus, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. United Phosphorus does not make or authorize any agent or representative to make any other warranty guarantee or representations, express or implied, concerning this product. Specifically, "NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE."

Critical and unforeseeable factors beyond United Phosphorus' control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the use stated on the labeling and even though label directions are assumed by United Phosphorus, Inc. as stated above, resulting from handling, storage, and use of the product. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

Rev 09/12/2017