



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 12, 2015

Christine M. Keating  
Product Registration Manager  
Regulatory Affairs  
BASF Corporation  
26 Davis Drive, P.O. Box 13528  
Research Triangle Park, NC 27709-3528

Subject: Label Amendment – Convert label to BASF format and other minor changes  
Product Name: TC-327  
EPA Registration Number: 499-569  
Application Date: March 17, 2015  
Decision Number: 502528

Dear Ms. Keating:

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.

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

Page 2 of 2  
EPA Reg. No. 499-569  
Decision No. 502528

with FIFRA section 6. If you have any questions, you may contact Elizabeth Fertich at 703-347-8560 or via email at [fertich.elizabeth@epa.gov](mailto:fertich.elizabeth@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Kable Bo Davis', enclosed within a large, hand-drawn oval.

Kable Bo Davis, Product Manager 3  
Invertebrate & Vertebrate Branch 1  
Registration Division  
Office of Pesticides Program

**ACCEPTED**  
06/12/2015  
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 499-569

# TC-327

**Alternate Brand Names:** PT® Fendona™ Pressurized Insecticide  
PT® Cy-Kick® AC Pressurized Insecticide

### Smart Solutions Facts

**Facts on this product include:**

- Quick knockdown of listed pests (see list of pests in **Product Information** section)
- Next generation pressurized formulation with minimal odor
- Labeled for use in food handling establishments (including those operating under the Federal meat, poultry, shell egg grading, and egg products inspection program)
- Broad use sites on label
- Tested on a broad range of surfaces to ensure minimal chance of any staining
- Ideally suited for both maintenance and clean-out spray programs
- Label flexibility for both indoor and outdoor applications

**KILLS:** Ants, Asian Lady Beetles, Bed Bugs, Bed Bug Eggs, Bees, Beetles, Booklice, Boxelder Bugs, Brown Marmorated Stinkbugs, Cadelles, Carpenter Ants, Carpenter Bees, Carpet Beetles, Cheese Mites, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cluster Flies, Cockroaches, Crickets, Darkling Beetles, Dermestids, Drugstore Beetles, Drywood Termites\*, Elm Leaf Beetles, Firebrats, Flour Beetles, Fruit Flies (*Drosophila*), Grain Weevils, Harvester Ants (foragers), Hide Beetles, House Flies, Indianmeal Moths, Kudzu Bugs, Larder Beetles, Lesser Grain Borers, Lesser Mealworms, Litter Beetles, Mediterranean Flour Moths, Merchant Grain Beetles, Mealworms, Millipedes, Pharaoh Ants (foragers), Pillbugs, Psocids, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Southern Fire Ants (foragers), Sowbugs, Spiders (including Black Widow and Brown Recluse), Springtails, Tent Caterpillars, Ticks, Warehouse Beetles, Wasps, Wood-infesting Beetles and Borers, and Wood Wasps.

\*Not a substitute for mechanical alteration, soil treatment, or foundation treatment.

**FOR USE IN AND AROUND:** Commercial, Industrial, and Residential Areas and Buildings [Agricultural Buildings, Airports, Animal Confinement Buildings and Pens, Apartments, Cafeterias, Calf Hutches, Calving Pens and Parlors, Campgrounds, Chicken Houses (empty), Churches, Convenience Stores, Cruise Ships, Dairy Areas, Dairy Parlors, Day Care Centers, Dog Kennels, Egg Laying Facilities, Food Handling Facilities, Food Processing Areas and Plants, Food Storage Areas, Food Vendors, Garbage Receptacles and Corrals, Golf Courses, Grain Mills, Granaries, Health Care Facilities, Hog Barns, Homes, Horse Barns and Arenas, Hospitals, Hotels, Libraries, Malls, Meat Packing Plants, Milkrooms, Motels, Museums, Nursing Homes, Poultry Houses, Rabbit Hutches, Recreational Areas, Resorts, Restaurants and other Food Handling Establishments, Schools, Supermarkets, Terminals, Theme Parks, Trailers, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, and Planes – cargo areas only), Utilities, Warehouses, and Washrooms]

**ACTIVE INGREDIENT:**

alpha-Cypermethrin: mixture of

(S)-α-cyano-3-phenoxybenzyl (1R,3R)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate and

(R)-α-cyano-3-phenoxybenzyl (1S,3S)-3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate . . . . . 0.05%

**OTHER INGREDIENTS\*\*:** . . . . . 99.95%

**TOTAL:** . . . . . 100.00%

\*\*Contains petroleum distillate.

EPA Reg. No. 499-569

EPA Est. No.

## KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

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.)

Refer to full label for **First Aid, Precautionary Statements, Directions For Use, and Conditions of Sale and Warranty.**

**In case of an emergency endangering life or property involving this product,  
call day or night 1-800-832-HELP (4357).**

### NET CONTENTS:

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709



<b>FIRST AID</b>	
<b>If on skin</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>HOTLINE NUMBER</b>	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information: 1-800-832-HELP (4357).	
<b>NOTE TO PHYSICIAN:</b> Contains petroleum distillate. May pose an aspiration pneumonia hazard.	

## Precautionary Statements

### Hazards to Humans and Domestic Animals

**CAUTION.** Contains petroleum distillate.

Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Wear long-sleeved shirt and long pants, socks, shoes, and gloves.

### Environmental Hazards

This product is extremely toxic to fish and aquatic invertebrates, oysters, and shrimp. **DO NOT** apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. **DO NOT** apply this product or allow it to drift to blooming crops if bees are visiting the treatment area.

To protect the environment, **DO NOT** allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

### Physical or Chemical Hazards

**Contents under pressure. DO NOT** use or store near heat or open flame. **DO NOT** puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

## Directions For Use

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

### Use Restrictions

- **DO NOT** apply this product in patient rooms while occupied or in any rooms while occupied by the elderly or infirm.
- **DO NOT** apply to classrooms when in use.
- Cover or remove exposed food or water in the treatment area prior to application. Cover any food/feed contact

surfaces and cooking utensils in the treatment area during treatment or thoroughly clean before using.

- **DO NOT** spray on plastic, painted, or varnished surfaces.
- **DO NOT** spray directly into any electronic equipment such as radios, televisions, computers, etc.
- **DO NOT** make outdoor applications during rain.
- **DO NOT** water the treated area to the point of runoff.
- **DO NOT** apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or **Crack & Crevice**® treatment. During application, **DO NOT** allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters.
- All outdoor applications, if permitted elsewhere on this label, must be limited to spot or **Crack & Crevice** treatments only, except for the following permitted uses, if allowed elsewhere on this label:
  1. Applications to soil or vegetation, as listed on this label, around structures;
  2. Applications to lawns, turf, and other vegetation, as listed on this label;
  3. Applications to the side of a building, up to a maximum height of 3 feet above grade;
  4. Applications to the underside of eaves, soffits, doors or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
  5. Applications around potential pest entry points into buildings, when limited to a surface band not to exceed 1 inch in width;
  6. Applications made through the use of a coarse, low pressure spray to only those portions of surfaces that are directly above bare soil, lawn, turf, mulch or other vegetation, as listed on this label, and not over an impervious surface, drainage or other condition that could result in runoff into storm drains, drainage ditches, gutters or surface waters, in order to control occasional invaders or aggregating pests.

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food, or feed by storage or disposal.

### Pesticide Storage

Store in a cool, dry area away from heat or open flame, in an area that is inaccessible to children and animals.

### Pesticide Disposal

Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.

### Container Disposal

**DO NOT** puncture or incinerate! **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

## Product Information

This product is a ready-to-use, pressurized insecticide and contains 0.05% alpha-cypermethrin. Apply as a **Crack & Crevice**<sup>®</sup>, void, spot, or general surface application. Heavy applications may leave a visible deposit. On some surfaces this deposit can be removed with a damp cloth or sponge. Dispose of cloth or sponge in trash. Test for staining or other issues before applying to a new surface.

### Crack & Crevice Application

Use with the supplied actuator and injection tubes [or other BASF equipment](#). Apply into cracks, crevices, or void spaces where insects may be harboring, living, and breeding. Place injector tip into cracks, crevices, holes, and other small openings. Release approximately 1 second of product. For light infestations, move injector tip along cracks while treating at the rate of 3 feet per second. For heavy infestations, move injector tip along at 1 foot per second. For closed voids, calculate the void's cubic area and treat at the rate of 1 to 5 seconds per 3 cubic feet. Several holes may be required in long-running voids.

### Spot Application

Use with the supplied actuator and injection tubes [or other BASF equipment](#). Apply 1 second per 2 square feet. Hold container upright while spraying. Direct nozzle approximately 12 inches from surface to be treated. Apply directly on insects in these locations when possible. Limit individual spot treatments to 2 cubic feet.

### Reapplication Interval

Reapply as necessary, but not more than twice per week. Applications must be at least 3 days apart.

## Quick Knockdown

This product provides quick knockdown of the following pests: Bees, Carpenter Ants, Cockroaches (American, German, Oriental), Firebrats, Harvester Ants (foragers), House Flies, Pharaoh Ants (foragers), Silverfish, Spiders (including Black Widow and Brown Recluse), and Wasps.

## Residual Control

- 90 days for house flies on ceramic tile (non-porous surfaces)
- 30 days for bed bugs on wood surfaces at 7 seconds per square meter (0.65 second square feet)

## Indoor Applications

### Crawling Insects [including Cockroaches, Crickets, Dermestids, Earwigs, Millipedes, Sowbugs, and Spiders (including Black Widow and Brown Recluse)]

Apply as a **Crack & Crevice** treatment using the prescribed dosage into cracks, crevices, and void spaces where insects may be harboring, such as openings around pipes and sinks; under refrigerators; and behind baseboards, washing machines, stoves, cabinets, sewers, floor drains, and meter boxes. Spot treatments may also be made to areas such as storage areas; closets; around water pipes, doors, and windows; around refrigerators, cabinets, sinks, stoves, and other equipment; shelves, drawers, and similar areas.

### Ticks

Apply as a **Crack & Crevice** or spot treatment into infested and egg laying sites near pet resting areas such as cracks and crevices of baseboards, and around door and window frames.

### Booklice and Silverfish

Apply as a **Crack & Crevice** treatment into cracks and crevices of baseboards, door frames, bookcases, and other harborage sites. Spot treatments may also be made to storage areas; closets; around water pipes, doors, and windows; around refrigerators, cabinets, sinks, stoves, and other equipment; shelves, drawers, and similar areas.

### Ants

Apply as a **Crack & Crevice** treatment into cracks, crevices, and voids where ants may be traveling and/or harboring, such as around doors, window frames, wall voids, and other structural cracks and crevices. Spot treatments may also be made to storage areas; closets; around water pipes, doors, and windows; around refrigerators, cabinets, sinks, stoves, and other equipment; shelves, drawers, and similar areas.

### Bed Bugs and Bed Bug Eggs

Apply where bed bugs harbor or are suspected of traveling. Treat the perimeter of the room at the wall/floor junction, behind and/or inside furniture, upholstered furniture, headboards, wall coverings, and box springs. Allow furniture and box springs to dry before use. When treating furniture (i.e. sofas and chairs), **DO NOT** apply to areas with prolonged human contact. When treating luggage, apply only to empty luggage. Direct product into pockets,

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seams, folds, and around wheels. Treat the perimeter of the area or room where items are stored. Allow surfaces to dry before use. Check for staining issues before treating by testing a small, inconspicuous area of the item to be treated. Reapply as necessary, but not more than twice per week. Applications must be at least 3 days apart. **DO NOT** use this product on mattresses, pillows, bed linens, or clothes. Not recommended for use as sole protection against bed bugs. If evidence of bed bugs is found in/on mattresses, use products approved for this use.

### **Stored Product Pests (Exposed Adult and Immature Stages) and Hibernating Stages of Boxelder Bugs, Clover Mites, Cluster Flies, and Elm Leaf Beetles.**

Apply as a **Crack & Crevice**<sup>®</sup> treatment into cracks, crevices, and/or voids where these insects may be harboring or hibernating. Infested areas may include cracks and crevices in cabinets and pantries, wall voids, around window and door frames, under siding, and in machinery. Spot treatments may also be made to areas such as storage areas; closets; around water pipes, doors, and windows; around refrigerators, cabinets, sinks, stoves, and other equipment; shelves, drawers, and similar areas.

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## **Food/Feed Handling Establishments**

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Food/Feed handling establishments are places other than private residences in which food is held, processed, prepared, or served, including those operating under the Federal meat, poultry, shell egg grading, and egg products inspection programs. **APPLICATIONS OF THIS PRODUCT IN FOOD/FEED AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS MAY BE MADE AS A CRACK & CREVICE, VOID, SPOT, OR GENERAL SURFACE APPLICATION.** General surface application may be used only when the facility is not in operation, provided exposed food/feed has been covered or removed from the area prior to application.

### **Food/Feed Areas**

Include areas for receiving, serving, storing (dry, cold, frozen, raw), packing (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups).

### **Non-Food/Feed Areas**

Include areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage areas (after packaging, canning, or bottling).

Avoid contamination of food/feed or food/feed contact surfaces. Remove or cover food/feed, dishes, utensils, food processing equipment, and food preparation surfaces in the treatment area or wash them before use. Apply as a **Crack & Crevice**, void, spot, or general surface application to selective surfaces such as baseboards, under elements of construction, stainless steel equipment, shelving, machinery, storage areas, pallets, tables, chairs, and

other areas where listed pests may be harboring, traveling, breeding, or entering the structure.

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## **Indoor and Outdoor Applications**

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### **Wood Destroying Insects - Localized Treatment of Wood-Infesting Insects**

To treat Beetles and Borers (such as the following families: *Anobiidae*, *Bostrichidae*, *Buprestidae*, *Cerambycidae*, *Lyctidae*, *Oedemeridae*, and *Sesiidae*), Carpenter Ants, Carpenter Bees, and Wood Wasps, locate suspected infestation and/or insect tunnels and cavities. Drill pilot holes into insect tunnels, galleries, and inaccessible closed voids, or apply through pest-created openings. Drill holes 8 to 10 inches apart to ensure thorough coverage. Inject product at the rate of 5 to 10 seconds per hole. **DO NOT** contact electrical wiring, plumbing, etc. when drilling and never use metal wood injectors where electrical shock could occur. Use a standard plastic void injector if there is danger of electrical contact. For carpenter bees, seal bee entrances after application.

### **Drywood Termites**

This treatment is intended to kill drywood termites on contact only. The purpose of such applications is to kill workers or winged reproductive forms which may be present in the treated channels at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment, or foundation treatment.

### **Active and Hibernating Stages of Brown Marmorated Stinkbugs, Boxelder Bugs, Clover Mites, Cluster Flies, Elm Leaf Beetles, and Kudzu Bugs**

Apply as a **Crack & Crevice** treatment into cracks, crevices, and/or voids where these insects may be harboring or hibernating. Infested areas may include cracks and crevices, behind siding, wall voids, and around window and door frames.

### **Bees and Wasps**

Apply to exterior and/or interior of the nest and surrounding area, if possible. For treatment of nests inside wall voids, inject into the nest a sufficient quantity to treat the complete nest. More than one point of application may be required. **DO NOT** contact electrical wiring due to possible shock hazard.

THIS PRODUCT DOES NOT PROVIDE INSTANT KNOCKDOWN. THE BEST TIME TO TREAT IS LATE IN THE DAY. COLONY SHOULD BE DEAD IN TWO TO THREE DAYS. DEPENDING ON THE SITUATION, PROTECTIVE EQUIPMENT FOR THE APPLICATOR MAY BE REQUIRED.

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## **Outdoor Applications**

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### **Subterranean Ants such as Argentine Ants and Harvester Ants (foragers)**

Inject the nest at 3 to 6 sites at a rate of 5 to 10 seconds per site. For very large nests (over 36 inches in diameter), increase the number of injection sites. Space injection sites in a circular pattern on the nest's surface with one site in

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the center. To quiet active ants on the nest's surface, sweep surface with spray from a distance of 12 inches. Optimal application conditions are when the temperature is 65°F to 85°F or in early morning or late evening hours. Treat new nests as they appear.

### **Perimeter Treatment**

For crawling insects, apply as a **Crack & Crevice®** or spot treatment into cracks and crevices where insects may enter premises or harbor, such as weep holes; under siding; wall voids; soffits; around attic vents, cracks and crevices; and openings around windows, doors, and pipes. Treatment of infested fences and tree holes is permitted.

### **Carpenter Ants Living Inside Trees**

Determine the highest and lowest elevation of the colony. Drill holes into the colony at highest elevation and inject product for 5 to 10 seconds. Do the same for lowest elevation. Drill intermediate holes every 4 feet between the upper and lower elevations, if required.

### **Carpenter Ants in Stumps, Utility Poles, and Fences**

Treat open holes or drill horizontal holes in a circular pattern where insects are suspected. Inject 2 to 5 seconds of product per hole.

### **Treatment for In-ground Service Boxes**

Ants, Clover Mites, Cockroaches, Crickets, Earwigs, Millipedes, Silverfish, Sowbugs, Spiders (including Black Widow and Brown Recluse), and Springtails. Apply product using the injection tube to treat open boxes and exposed surfaces. **DO NOT** contact any electrical wiring or mechanical parts of meter.

### Conditions of Sale and Warranty

Follow the **Directions For Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. **TO THE**

**EXTENT CONSISTENT WITH APPLICABLE LAW: (A) BASF MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

BASF and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

PCS813

*Crack & Crevice, Cy-Kick, and PT are registered trademarks of BASF.*

*Fendona is a trademark of BASF.*

Contains no CFCs or other ozone depleting substances.

Federal regulations prohibit CFC propellants in aerosols.



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We create chemistry