



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 3, 2015

Sheila Bugalecki  
Senior Research Scientist  
S.C. Johnson and Son, Inc.  
1525 Howe Street  
Racine, WI 53403-2236

Subject: Notification per PRN 98-10 – Add alternate brand name and indoor/outdoor graphic  
Product Name: Bugtron  
EPA Registration Number: 4822-561  
Application Date: March 19, 2015  
Decision Number: 502568

Dear Ms. Bugalecki:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

The alternate brand name Raid Ant & Roach Barrier has been added to the product record.

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 in a large, hand-drawn oval.

Kable Bo Davis, Product Manager 3  
Invertebrate and Vertebrate Branch 1 (IVB1)  
Registration Division (7505P)  
Office of Pesticide Programs

**BUGTRON**

Alternate Brand Names:

- Raid Max Bug Barrier
- Raid Max Home Insect Killer
- Raid Ant & Roach Barrier**

**NOTIFICATION**

4822-561

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

04/03/2015

Active Ingredient:

Deltamethrin.....0.03%  
 Other Ingredients..... 99.97%  
 Total.....100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See (back) (inside) (bottom) (side) panel for additional precautionary statements (and complete use instructions)

Net Contents:

DIRECTIONS FOR USE

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

[Assembly instructions for Gallon and Half Gallon]

Assembly Instructions

Remove cap and trigger (sprayer) hanger (holster). (Remove band holding trigger (sprayer) to hanger (holster).) Replace hanger (holster) on bottle for future trigger (sprayer) storage. Uncoil hose, drop (weighted) (flexible) dip tube into container and tighten cap. (Move (unfold) the wand (extension) to the upright (90 degree) (extended) position.) (Slide (move) (set) the (reusable auto) (automatic) trigger (sprayer) to the on (unlocked) ([insert applicable icon]) position.) (Turn (move) (set) the nozzle to the fan ([insert applicable icon]) or stream ([insert applicable icon]) position.) (After use, slide (move) (set) the (reusable auto) (automatic) trigger (sprayer) to the off (locked) ([insert applicable icon]) position (and hang (place) upside down on the hanger (holster) for storage.) (Turn (move) (set) the nozzle to the off (stop) ([insert applicable icon]) position.) Keep the (reusable auto) (automatic) trigger (sprayer), hose, dip tube and hanger (holster) for use on compatible refills.

[Optional usage instructions by form]

(Manual Trigger)

Turn (move) (set) the nozzle to the fan (spray) ([insert applicable icon]) or stream ([insert applicable icon]) position. Squeeze trigger to apply (spray) product. Return to off (stop) ([insert applicable icon]) position after use.

(Auto) (Trigger)(Sprayer)

(Move (unfold) the wand (extension) to the upright (90 degrees) (extended) position.) (Slide (move) (set) the (reusable auto) (automatic) trigger (sprayer) to the on (unlocked) ([insert applicable icon]) position.) (Turn (move) (set) the nozzle to the fan ([insert applicable icon]) or stream ([insert applicable icon]) position.) Squeeze (press) and hold the (reusable auto) (automatic) trigger (sprayer) to apply product. (After use, slide (move) (set) the (reusable auto) (automatic) trigger (sprayer) to the off

(locked) ([insert applicable icon]) position (and hang (place) upside down on the hanger (holster) for storage.) (Turn (move) (set) the nozzle to off (stop) ([insert applicable icon]) position after use.)

#### Product Information

Remove or cover exposed food and utensils. Cover exposed countertops and other food related surfaces. Do not spray into the air. Test in an inconspicuous area before applying. Do not allow children or pets to touch the treated surface until it has dried. Wash thoroughly after spraying. Do not use in commercial food handling establishments, restaurants or other places where food is commercially prepared or processed. (Slide (move) (set) the (reusable auto) (automatic) trigger (sprayer) to the on (unlocked) ([insert applicable icon]) position.) (Turn (move) (set) the nozzle to the fan ([insert applicable icon]) or stream ([insert applicable icon]) position.) Spray until surface is moist but not dripping. (Approximately [insert number(s)] pulls (seconds) per square foot.) (Approximately [insert number(s)] pulls (seconds) per square foot for the fan spray and [insert number(s)] pulls (seconds) per square foot for the stream spray.) [Number(s) will vary depending on trigger chosen.] Over application may cause damage. Repeat spraying as necessary but not more than once per week. (Keep the Reusable Auto Trigger (Sprayer) for use on compatible refills.)

#### Indoors

Hold container upright and spray away from face. (Slide (move) (set) the (reusable auto) (automatic) trigger (sprayer) to the on (unlocked) ([insert applicable icon]) position.) (Turn (move) (set) the nozzle to the fan ([insert applicable icon]) or stream ([insert applicable icon]) position.) (Spray (one to two) (one to three) (one to four) (two to three) (two to four) (three to four) feet from the surface.) (Return trigger (sprayer) to off (locked) ([insert applicable icon]) position after use.) (Return nozzle to off (stop) ([insert applicable icon]) position after use.)

Ants, Boxelder Bugs, Cockroaches (Including Adult and Immature Stages of Both Non-Resistant and Organophosphate and Carbamate Resistant Strains of German cockroaches), Firebrats, Ground Beetles, Palmetto Bugs, Pillbugs, Roaches, Silverfish, Sowbugs, and Waterbugs: Apply as a spot and crack and crevice treatment to areas where these pests crawl and hide, paying special attention to ant trails, hidden areas around sinks and storage areas, behind baseboards, around doors and windows, behind and under refrigerators, cabinets, sinks and stoves, the underside of shelves, drawers, bookcases, and similar areas. Can also be used in basements.

Centipedes, Crickets, Scorpions, Spiders and Stink Bugs: Spray directly.

Carpenter Ants: For effective control, locate and treat nests and surrounding areas. Apply around doors and windows and other places where ants enter premises and where they crawl and hide. Spray into infested wood through existing openings.

Ticks (Including Deer Ticks which May Transmit Lyme Disease) and Fleas on Pet Surfaces: Remove pet bedding and destroy or clean thoroughly. Spray pet resting quarters. Adult Fleas and Larvae contacted by spray will be killed. Put fresh bedding down once spray has dried. Do not spray animals directly. For best results, pets should be treated with an appropriate flea and/or tick control product registered for use on pets before allowing them to return to the treated area. Spray rugs and carpets where infestations are bad. Delicate fabrics should be tested for staining in an inconspicuous area prior to use.

Gnats, Houseflies, Mosquitoes and Small Flying Moths: Spray resting areas. Insects coming to rest on treated surfaces will be killed.

Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Drugstore Beetles, Flour Beetles (Red and Confused), Grain Beetles (Rusty, Merchant and Saw-Toothed), Lesser Grain Borer, Rice Weevils, Spider Beetles and Tobacco Moths: Spray insects directly. Remove all food-stuffs, utensils and shelf paper from area to be treated. Discard used shelf paper and any infested foodstuffs. Apply spray to shelves and in cracks and crevices behind and under cupboards and cabinets. Allow to dry prior to replacement with new shelf paper, food and utensils. Wash any exposed food handling surfaces and utensils before use.

Webbing Clothes Moths: Use this product as a crack and crevice treatment in closets and other storage areas where these pests are found. This treatment will not control moth larvae already on clothes. Do not apply to clothing.

To control Aphids, Elmleaf Beetles, Japanese Beetles, Lace Bugs, Leafminers, Mealy Bugs, Mites and Spider Mites on house plants: (Use (fan) ([insert applicable icon]) setting.) Prior to spraying, remove plants from living and eating areas. Put in an area not likely to come in contact with pets, children or food. Plants can be returned to original location when leaves are dry. If plants cannot be moved, cover or remove exposed food and food handling surfaces. Apply spray to upper and lower surfaces of foliage. Avoid wetting blossoms if possible. Avoid spraying surrounding areas.

#### Outdoors

Hold container upright and spray away from face. Spray with wind if breeze is blowing. Do not contaminate fish ponds or apply directly to water. Do not use on edible crops. (Slide (move) (set) the (reusable auto) (automatic) trigger (sprayer) to the on (unlocked) ([insert applicable icon]) position.) (Turn (move) (set) the nozzle to the fan ([insert applicable icon]) or stream ([insert applicable icon]) position.) (Spray (one to two) (one to three) (one to four) (two to three) (two to four) (three to four) feet from the surface.) .) (Return trigger (sprayer) to off (locked) ([insert applicable icon]) position after use.) (Return nozzle to off (stop) ([insert applicable icon]) position after use.)

Ants, Clover Mites, Cockroaches (roaches) (including (Asian) (and) (German) Cockroaches), Crickets, (Mole Crickets,) (Pillbugs,) Silverfish, Sowbugs, (and) (Waterbugs): Spray foundation of building up to a height of 2 to 3 feet where insects are active and may find entrance. Apply to outside surfaces of buildings where insects tend to congregate. Spray areas include (but are not limited to) screens, window frames, eaves, porches, patios, garages and refuse dumps. Spray to slightly moisten the surface of infested patio or picnic areas, hitting as many insects as possible. Also spray legs of tables and chairs.

Ants: Spray freely around ant trails and hills. Spray around nests hidden under steps, brickwork, concrete, etc. Break apart accessible nests and spray freely on and around debris.

Crickets, Fleas, Dog Ticks and Lone Star Ticks: Apply thoroughly to infestation in bushes, grass or weeds.

Gnats, Houseflies, Mosquitoes and Small Flying Moths: Spray resting areas. Insects coming to rest on treated surfaces will be killed.

For control of ornamental garden insects: For use on asters, dahlias, roses, and other ornamentals. Spray directly to kill Aphids, Armyworms, Clover Mites, Japanese Beetles, Lace Bugs, Leafminers, Mealy Bugs, Pavement Ants, Spiders, Spider and Red Mites, Exposed Thrips and Whiteflies.

Also for use as a multi-purpose spray in small ornamental gardens and for spot treatments to prevent insects from spreading into large garden areas.

May be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, delphiniums, dogwood, English ivy, euonymus, fuschia, geraniums, crassula, grape vine, Kentia palm, laurel, marigolds, rhododendrons, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

When spraying plants, use a sweeping motion. Spray insects directly whenever possible. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Over application may cause damage. Repeat treatment as necessary but not more than once per week. DO NOT apply to vegetable plants or other plants used for food. Not for use on plants grown for sale or other commercial use.

#### **STORAGE AND DISPOSAL**

**Storage:** Store in a cool, dry area (away from) (inaccessible to) children and pets and away from heat, sparks and open flame. (Protect from freezing.) (Store above 32°F.) (Do not transport or store below 32°F (0°C).) If freezing occurs, allow product to thaw and shake well before (using) (use). (Some product separation may occur on freezing which is reversible on shaking). Freezing does not adversely affect (the performance of) this product.

**Disposal:** ((Battery Powered) (Electronic) (Power) (Reusable) (Auto) (Automatic) (Trigger) (Sprayer): Do not discard. (Keep) (Save) the (Battery Powered) (Electronic) (Power) (Reusable) (Auto) (Automatic) (Trigger) (Sprayer) for use (on) (with) (Bugtron) refills of equal size.) Container: Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 800-529-3394 for disposal instructions. Never place unused product down any indoor or outdoor drain.

#### **PRECAUTIONARY STATEMENTS**

##### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

##### **CAUTION**

Contact with product may result in transient tingling and reddening of the skin. Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

##### **ENVIRONMENTAL HAZARDS**

This product is extremely toxic to fish and aquatic invertebrates. 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. 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 or weeds if bees are visiting the treatment area.

##### **PHYSICAL OR CHEMICAL HAZARDS**

Do not apply this product in or on electrical equipment due to possibility of shock hazard.

[Raidkillsbugs.com]

[Killsbugsdead.com]

Questions? Comments?

Call 800-558-5252 or write Helen Johnson

Sold by: © [year] S.C. Johnson & Son, Inc., Racine, WI 53403-2236

U.S.A. All Rights Reserved

[Information in brackets is notes to Reviewer]  
(Information in parentheses is optional language)

EPA Reg. No.: 4822-561  
EPA Est. No.

[Optional Marketing Claims]  
(Spanish directions (inside) (on back))  
For Indoor and Outdoor Use  
Indoor/Outdoor



Ready-To-Use  
Easy-To-Use  
Water-Based  
Kills on Contact  
Kills Fast  
Long-Lasting  
Kills Bugs Dead!  
Longest Lasting Raid (Ever!)  
(Also) (Kills) (Controls) (Brown Marmorated) Stink Bug(s)  
Keeps Killing Carpenter Ants For Up To (1 Month) (4 Weeks) When Applied To Non-Porous Surfaces  
Keeps Killing Pharaoh Ants, Crazy Ants and Fire Ants For Up To 1 Week  
Keeps Killing (Kills) German Cockroaches for up to (12 Months) (1 Year) (52 Weeks) on non-porous surfaces  
Up to 12-month control (protection) from German Cockroaches on non-porous surfaces  
Season Long Protection from German Cockroaches on non-porous surfaces  
Keeps Killing Flies For Up To (5 Months) (20 Weeks)  
Keeps listed (Insects) (Bugs) Out!  
The easy way (effortless way) (quick way) to apply year-long (season-long) protection from German  
Cockroaches on non-porous surfaces  
Leaves No Odor  
No Oily (Greasy) Residue  
For Use on House Plants  
For Use on Ornamental Plants  
Kills listed Home Invading Pests  
Kills (listed Insects) (listed Bugs)  
Kills (Ants) (Aphids) (Boxelder Bugs) (Carpenter Ants) (Centipedes) (Cockroaches) (Crazy Ants) (Crickets)(Fire  
Ants) (Fleas) (Flies) (Firebrats) (German Cockroaches) (Gnats) (Ground Beetles) (House flies) (Japanese  
Beetles) (Lace Bugs) (Leafminers) (Mealy Bugs) (Mites) (Mosquitoes) (Palmetto Bugs) (Pharaoh Ants)  
(Pillbugs) (Roaches) (Scorpions) (Silverfish) (Small Flying Moths) (Sowbugs) (Spider Mites) (Spiders)  
((Brown Marmorated)Stink Bugs) (Thrips) (Ticks) (Waterbugs) (and other listed insects) (on contact)  
Kills Plant Pests  
Also Controls Carpenter Ants  
Controls Ticks That May Transmit Lyme Disease  
Does Not Stain Most Surfaces\* (\* Test in an inconspicuous area before applying)  
Does Not Stain Most Fabrics\* (\* Test in an inconspicuous area before applying)  
No Shaking Required  
No Shake Formula  
Refills Available  
Refill  
Refill for reusable auto trigger (sprayer)

Starter (Unit) (Pack)

With reusable auto trigger (sprayer)

(Includes)(2)(AA) Batteries (Included)

Reusable Auto (Battery Powered) (Electronic) (Automatic) (Power) trigger (sprayer)

The reusable auto (Battery Powered) (Electronic) (Power) (Automatic) trigger (sprayer) helps reduce (reduces)  
(prevents) (eliminates) trigger (sprayer) (hand) fatigue

Reduces Hand Fatigue

The reusable auto (Battery Powered) (Electronic) (Power) (Automatic) trigger (sprayer) creates (forms) a  
consistent bug barrier (layer of coverage)

(The)(Reusable) Auto (Battery Powered) (Automatic) (Power) (Electronic) trigger (sprayer) is reusable with  
bottles (refills) of equal size.

Use only (on) with bottles (refills) of equal size.

Use (reusable auto) (automatic) trigger (sprayer) for (a) continuous line of protection

Press & Hold (power(ful)) (auto(matic)) (reusable) trigger (sprayer)

Pulsating (Pulsing) (auto) (reusable) (powerful) trigger (sprayer) for (a) continuous (line of) protection

Powerful (auto) (reusable) trigger (sprayer)

Create(s) a continuous line of protection

Reusable auto (automatic) trigger (sprayer)

Spray & Go (leave)

Ready to use

Precise (precision) application (spray)

Controlled application (spray)

Squeeze (trigger) (sprayer) and protect (prevent)

Easy Squeeze (trigger) (sprayer) (application)

Puts you in control (of) (spray) (application)

Dual Spray (patterns)

Sprays 2 (two) ways

Multiple spray(s) (patterns)

Wide (broad) and precise (precision) (controlled) (targeted) spray(s) (patterns)

Fan and stream spray(s) (patterns)

Gets (sprays) (reaches) tight (narrow) (small) spots (cracks) (crevices) and wide (big) (large) areas

Extends (your) reach

[x"] wand (for added control) [x to be defined by length of attached wand]

Easy application (of) (spray)

Precise (Precision) control (of) (application) (spray)

Precision applicator (trigger) (sprayer)

(Helps) Get(s) hard to reach spots (cracks) (crevices)

Spray(s) from a distance

Peel (remove) (tear) label (sticker) (coupon) (here) for complete use directions (and precautionary statements)  
(before use)

Read entire label before use.

Apply this product only as specified.

Visit [website] to identify your bug and best treatment plan.

Spray outdoors around doors, windows, and along your home's foundation



Spray indoors along floorboards, door and window frames.

Use this product ([brand name]) to help keep German roaches out of your home for up to 12 months on non-porous surfaces.

Use to help keep German roaches out (of your home) for up to 12 months on non-porous surfaces

Use this product ([brand name]) in hard-to-reach places where long-term control is needed.

Use in hard-to-reach places where long-term control is needed.

Read the label to find the right product for your bug problem.

*(Additional) Tips (Non-chemical Control Options) [one or more to be chosen from the following list]:*

Remove food spills and exposed food.

Store food in sealed containers.

Avoid leaving (accumulating) dirty dishes in sinks.

Keep food out of bedroom(s) and living room(s).

Caulk cracks and crevices where bugs enter (enter or escape) into walls, including entry points from outside or neighboring units.

Caulk hiding spots and points of entry (from outside or neighboring units).

*[Segmentation language, if used, to be used in its entirety]*

Raid Defense System (Defense System)

Attack(s) Bugs\*

Control(s) Bugs<sup>†</sup>

Prevent(s) Bugs<sup>‡</sup>

Raid Defense System (Raid Guided Support) helps you work smarter, not harder, to fight bugs. Visit [raidkillsbugs.com](http://raidkillsbugs.com) to identify your bug and best treatment plan.

Use this product to:

Prevent Bugs

Help keep bugs out (Keep bugs out)

<sup>‡</sup> Use (this product) to (help) keep listed bugs out (of your home). Spray outdoors, around doors, windows, and along your home's foundation. Spray indoors along floor boards, door and window frames. Use in hard-to-reach places where long term control is needed.

Use other Raid products to:

Attack Bugs

Kill bugs on contact (Kill the bugs you see)

\*Use a Raid Ant or Roach Killer spray product to kill listed bugs on contact. Read the label to find the right product for your bug problem.

Control Bugs

Kill bugs at the source (Kill the bugs you don't see)

<sup>†</sup> Use a Raid Ant or Roach Bait product to kill ants or roaches where they hide. For heavy infestations, first use a Raid Fogger or Fumigator product and then place baits to provide ongoing control. Read the label to find the right product for your bug problem.