

498-174

07/17/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON D C 20460 0001

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

July 17 2012

Ms Laura E Radevski  
Technical & Regulatory Compliance Manager  
CHASE PRODUCTS COMPANY  
P O Box 70  
Maywood IL 60153 0070

**Subject**            **Acceptance of Amended Reregistration Label**  
**Product Name**   **SPRAYPAK® INSTITUTIONAL CRAWLING INSECT KILLER FORMULA 3**  
**EPA Registration Number**   **498 174**  
**EPA Decision Number(s)**   **D411323 D411986 & D413248**  
**Your E Submission Dated**   **July 17 2012**

Dear Ms Radevski

The Agency in accordance with the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) as amended has completed reviewing all of the information submitted with your application to support the reregistration of the referenced product in connection with the **REDs for Pyrethrins, Permethrin, and Piperonyl Butoxide** and has concluded that your submission is acceptable

**PLEASE NOTE** This product is not being reregistered under sections 3(r)5 and 4(g) of FIFRA at this time

Please note that the record for this product currently contains the Confidential Statement of Formulation (CSF) listed below Any previously dated CSFs are superseded

Alternate CSFs #8 #11 dated September 10 2009

A copy of your label stamped Accepted is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first must bear the new revised label Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions If these conditions are not complied with the registration will be subject to cancellation in accordance with section 6(e) of FIFRA

If you have any questions about this letter please contact Mr Carmen J Rodia Jr at (703) 306 0327 or via e mail at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov) or Mr Richard J Gebken at (703) 305 6701 or via e mail at [Gebken.Richard@epa.gov](mailto:Gebken.Richard@epa.gov) during the hours of 9 00 A M to 5 30 P M EST

Sincerely Yours

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

Enclosures            *Label stamped Accepted*  
*Acute toxicity review dated January 5 2010*  
*Product chemistry review dated February 24 2011*

498 174 with corrections per EPA letter dated June 26 2012 and letter on June 29 2012

FRONT PANEL

**SPRAYPAK**

**INSTITUTIONAL  
CRAWLING  
INSECT KILLER  
FORMULA 3**

**SEEKS OUT BUGS WHERE THEY HIDE KILLS ON CONTACT  
KILLS INDUSTRIAL INSECTS**

**• A BROAD-SPECTRUM INSECTICIDE HIGHLY EFFECTIVE AGAINST ANTS (INCLUDING CARPENTER ANTS), BEES, BEETLES (INCLUDING CARPET, FLOUR, GRAIN AND GROUND BEETLES), CENTIPEDES, CLOVER MITES, COCKROACHES, CRICKETS (INCLUDING MOLE CRICKETS), EARWIGS, FIREBRATS, FLEAS, MILLIPEDES, MOTHS, PILL BUGS, SCORPIONS, SILVERFISH, SOW BUGS, SPIDERS, TICKS (INCLUDING TICKS WHICH MAY CAUSE LYME DISEASE), WASPS AND OTHER PESTS LISTED ON THE LABEL**

**KILLS LICE AND THEIR EGGS**

**FOR USE ON BEDDING (SPOT TREATMENT TO MATTRESS SEAMS, EDGES, AND TUFTS OF BED ONLY) AND OTHER FURNITURE THAT IS INFESTED WITH LICE**

**NONSTAINING NO UNPLEASANT ODOR WATER-BASED FORMULA**

**FOR USE ON DOGS AND ON PREMISES TO KILL FLEAS AND TICKS**

**KILLS FLEAS AND TICKS ON DOGS FOR 14 DAYS DO NOT USE ON CATS**

**PROTECTS FOR UP TO 12 WEEKS/3 MONTHS AGAINST ANTS, COCKROACHES AND HOUSEFLIES**

**ACTIVE INGREDIENTS**

Pyrethrins	0 20%
*Piperonyl butoxide	1 00%
**Permethrin	0 40%

<b>OTHER INGREDIENTS</b>	98 40%
Total	100 00%

**ACCEPTED**  
*July 17, 2012*  
**Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under**

**EPA Reg No** 498-174

\* (butylcarbityl)(6 propylpiperonyl) ether and related compounds

\*\* (3 Phenoxyphenyl) methyl (+/ ) cis/trans 3 (2 2 dichloroethenyl) 2 2  
dimethylcyclopropanecarboxylate Cis/trans ratio min 35% (+/ ) cis and max 65% (+/ ) trans

EPA Reg No 498 174 XXXXX

EPA Est No 498 IL 1

**NET WT XX oz (XXX g)  
KEEP OUT OF REACH OF CHILDREN  
CAUTION**

Read precautions on back of can

BACK PANEL

**READ ENTIRE LABEL BEFORE EACH USE**  
**USE ONLY ON DOGS**

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

**HAZARDS TO HUMANS** Harmful if inhaled Avoid breathing vapor or spray mist Avoid contact with skin or clothing Wash hands thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Remove and wash contaminated clothing before reuse

**HAZARDS TO DOMESTIC ANIMALS** For use on dogs and puppies (over 12 weeks of age) **DO NOT USE ON PUPPIES LESS THAN TWELVE (12) WEEKS OLD** Consult a veterinarian before using this product on medicated debilitated aged pregnant or nursing animals Sensitivities may occur after using ANY pesticide products for pets If signs of sensitivity occur bathe your pet with mild soap and rinse with large amounts of water If signs continue consult a veterinarian immediately

(PAGE MUST BE DISPLAYED IN "PAGE LAYOUT" VIEW TO SEE TEXT BOX )

(Cat in Symbol)



**DO NOT USE ON CATS. May be toxic or potentially fatal if applied to or ingested by cats. Accidental application to cats and/or grooming a recently treated dog may result in tremors and/or uncoordinated muscle movements. If this occurs, immediate veterinary care should be provided.**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear the following Long sleeved shirt and long pants shoes plus socks and chemical resistant gloves made of any waterproof material

**USER SAFETY REQUIREMENTS** Follow manufacturer's instructions for cleaning/maintaining PPE If such instructions for washables exist use detergent and hot water Keep and wash PPE separately from other laundry Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate Do not reuse them

**USER SAFETY RECOMMENDATIONS** Users should wash hands before eating drinking chewing gum using tobacco or using the toilet Remove clothing/PPE immediately if pesticide gets inside Then wash thoroughly and put on clean clothing Remove PPE immediately after

handling this product Wash the outside of gloves before removing As soon as possible wash thoroughly and change into clean clothing

TOP OF BOX

**FIRST AID**

**IF ON SKIN OR CLOTHING** 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 INHALED** Move person to fresh air If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth to mouth if possible Call a poison control center or doctor for further treatment advice

**HOT LINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor or going for treatment For additional information on this pesticide product (including health concerns medical emergencies or pesticide concerns) you may call 1 800 255 3924 twenty four (24) hours per day seven (7) days per week

END OF BOX

**ENVIRONMENTAL HAZARDS**

This product is extremely toxic to aquatic organisms including fish and invertebrates Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean water mark Do not apply when weather conditions favor drift from treated areas Drift and run off may be hazardous to aquatic organisms in water adjacent to treated areas This product may contaminate water through runoff This product has a potential for runoff for several weeks after application Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains product

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting 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 (54°C) 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 contaminate food or feedstuffs

Not for broadcast use on indoor residential surfaces

No for use in outdoor residential misting systems (indoor or outdoor)

**DO NOT USE THIS PRODUCT ON PUPPIES LESS THAN TWELVE (12) WEEKS OLD**

**DO NOT USE THIS PRODUCT ON CATS OR KITTENS**

Do not use in aircraft cabins

Do not apply this product to classrooms when in use

Do not apply this product to rooms/areas in hospitals and nursing homes while occupied by patients the elderly or infirmed

Do not use this product in or on electrical equipment due to the possibility of shock hazard

For space spray use Except when applying directly to dogs and/or puppies (over 12 weeks old) do not enter or allow others to enter treated areas until sprays have dried

For spray space or fog use Do not enter or allow others to enter until vapors mists and aerosols have dispersed and the treated area has been thoroughly ventilated

Except when applying directly to dogs and/or puppies (over 12 weeks old) do not apply this product in a way that will contact workers or other persons either directly or through drift

Except when applying directly to dogs and/or puppies (over 12 weeks old) only protected handlers may be in the treated area during application

Do not remain in the treated area Exit area immediately and remain outside the treated area until aerosols vapors and/or mists have dispersed and the treated area has been thoroughly ventilated

Do not wet articles to the point of runoff or drip Do not use treated article until spray has dried Dry clean treated clothes before wearing

Do not make applications during rain

Do not water the treated area to the point of runoff Do not water plants to the point of run off or drip

Do not apply when food is present 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 food is 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 cover during treatment or thoroughly washed before use Exposed food and drinking water should be covered or removed

Application is prohibited directly into sewers or drains or to any area like a gutter where drainage to sewers, storm drains water bodies or aquatic habitat can occur Do not allow the product to enter any drain during or after application

Remove pets birds and cover fish aquariums before spraying

Nonfood areas are 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 (after canning or bottling)

Commercial food/feed areas where the product cannot be used include areas for receiving serving storage (dry cold frozen raw) packaging (cleaning slicing cooking grinding) edible waste storage enclosed processing systems (mills dairies edible oils syrups) [If the original formula that is not VOC compliant in California is being used the label text may include Authorized for use in nonfood/feed areas of food/feed processing plants and official establishments operating under the

TOP OF BOX  
**STORAGE & DISPOSAL**

**PESTICIDE STORAGE** Do not store near heat or open flame Do not contaminate water food or feed by the use storage or disposal of this product Store in a cool dry (preferably locked) area that is inaccessible to children and animals

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

**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

BOTTOM OF BOX

**SHAKE WELL BEFORE USING**

Hold container upright and spray from a distance of 12 to 15 inches

**INDOORS**

**CLUSTER FLIES, HOUSEFLIES, FRUIT FLIES, MOSQUITOES, GNATS, WASPS, HORNETS, BEES, BLACKFLIES, SKIPPER FLIES, BLOWFLIES AND SMALL FLYING MOTHS** Close all doors and windows and direct spray upward into center of room with a slow sweeping motion Spray 5 to 10 seconds for average room moving toward the door Direct spray to all parts of the room especially windows and other light sources which attract these insects Keep nozzle in constant motion Leave room and keep area closed for 15 minutes after spraying Thoroughly ventilate room before reentry Sweep up and discard fallen insects

**COCKROACHES, WATER BUGS, PALMETTO BUGS, SILVERFISH, FIREBRATS, CRICKETS, SCORPIONS, SPIDERS, MILLIPEDES, CENTIPEDES, SOW BUGS AND PILL BUGS** Spray into hiding places such as cracks and crevices behind sinks cabinets along baseboards and floors around drains and plumbing hitting insects with spray whenever possible

**ANTS** Spray trails nests and points of entry Spray on ants where possible

**INDIAN MEAL MOTHS, ANGOUMOIS GRAIN MOTHS** Close doors and windows direct spray into all parts of room especially around stored food product containers pallets and darkened areas Spray 7 to 10 seconds for each 1 000 cubic feet of space moving toward the door Leave room and keep area closed for 15 minutes following treatment Thoroughly ventilate room before reentry

**EXPOSED STAGES OF CONFUSED FLOUR BEETLES, CIGARETTE BEETLES, DRUGSTORE BEETLES, SAW-TOOTHED GRAIN BEETLES, RED FLOUR BEETLES, RICE WEEVILS, GRANARY WEEVILS, GRAIN MITES IN EXPOSED ADULT AND**

**LARVAE STAGES** Spray into cracks and crevices processing and handling equipment around cartons or containers or other areas where these insects tend to congregate Contact as many insects as possible Spray 30 seconds for each 100 square feet of surface Keep area closed for 45 minutes to 1 hour after treatment Space spray Spray 20 seconds per 1 000 cubic feet of space moving toward the door Leave room and keep area closed for 15 minutes following treatment Thoroughly ventilate room before reentry Repeat application weekly or as necessary Infested stored food products should be disposed of or treated using an approved product intended for this purpose

**CARPET BEETLES** Spray directly on beetles floors baseboards shelves and carpets

**BEDBUGS** Thoroughly inspect area of suspected bed bug infestation and note potential harborage sites or actual infestations Remove and/or pick up clothing and other obstacles that may prevent thorough inspection or treatment Remove and sanitize infested bedding (pillows and linens) clothing or other items

Apply on mattresses as a spot treatment to mattress seams edges and tufts of bed only Do not use directly on mattresses pillows bed linens or clothes Do not saturate the mattress and do not treat entire surface area of mattress Allow mattress to dry thoroughly before replacing pillows and/or bed linens

Bed bugs may also harbor in areas of the room away from the bed Apply as a crack & crevice or spot application where evidence of bed bugs occurs This includes bed frames box springs inside empty drawers and clothes closets night stands and other furniture in the room carpet edges high and low wall moldings (such as floor molding or window casings) wall voids behind wall hangings and mirrors wallpaper edges and popcorn ceilings Remove all clothes and other articles from dressers or closets before application Take bed apart Treat joints and channels if hollow such as square or round tubing and see that interior framework is treated Apply as a surface application to carpeting drapes and flooring Allow all treated areas to dry thoroughly before use This product is 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

**TO KILL CLOTHES MOTHS AND CARPET BEETLES** on wool and other proteinaceous fibers Remove infested articles from storage brush thoroughly and air for several hours in sunlight if possible Apply spray liberally to empty chests closets bureaus and other storages directing the spray into cracks joints and crevices After airing infested articles may be treated by spraying lightly keeping nozzle at least 3 feet from fabric to avoid staining

**FLEAS** in buildings Space spray Hold can 36 inches above floor and direct spray toward floor and lower walls at a rate of 10 seconds per 100 square feet making sure that all floor sofa and chair surfaces are contacted Leave room and keep area closed for 15 minutes Thoroughly ventilate room before reentry Repeat treatment after 7 days or as needed

**FLEAS AND TICKS, INCLUDING TICKS WHICH MAY CAUSE LYME DISEASE (ADULTS AND LARVAE)** Remove and thoroughly clean or destroy pet bedding Spray pet sleeping quarters bed entire floor and floor covering with special attention to cracks and crevices around baseboards and window and door frames Infested upholstered furniture and mattresses may also be treated with this product A test application should be made to upholstery or drapery fabrics in an inconspicuous place before use

**TO KILL FLEAS, TICKS AND LICE** on dogs Starting at the head stroke against the lay of the hair spraying the parted fur in short bursts directly behind the hand to insure penetrating the coat Dampen the fur back to the tail Repeat application weekly if necessary to control infestations

**DO NOT USE** on puppies under 12 weeks old

**TO KILL LOUSE EGGS AND LICE** Spray in an inconspicuous area to test for possible staining or discoloration Inspect again after drying then proceed to spray entire area to be treated Hold container upright with nozzle away from you Depress valve and spray from a distance of 8 to 10 inches Spray each square foot for 3 seconds Spray only those garments and parts of bedding including mattresses and furniture that cannot be either laundered or dry cleaned Apply on mattresses as a spot treatment to mattress seams edges and tufts of bed only Do not use directly on mattresses pillows bed linens clothes or other articles Allow mattresses and other sprayed articles to dry thoroughly before reuse

**OUTDOORS** When used as a residential general outdoor surface spray all outdoor applications must be limited to spot or crack and crevice treatments only except for the following permitted uses

- (1) Treatment to soil or vegetation around structures
- (2) Applications to building foundations up to a maximum height of 3 feet Other than applications to building foundations all outdoor applications to impervious surfaces such as sidewalks driveways patios porches and structural surfaces (such as windows doors and eaves) are limited to spot and crack and crevice applications only Do not use edible crops and do not make applications during rain

Point spray nozzle away from face Hold can on slight downward angle For best results, spray when air is calm Allow a few minutes for product to take effect Spray with wind if breeze is blowing

**FLYING INSECTS FLIES, MOSQUITOES, GNATS, SMALL FLYING MOTHS, HORNETS AND YELLOW JACKETS** Allow fog to drift over area Direct spray toward bushes or grass from at least 4 to 6 feet away Give special attention to breeding areas such as garbage cans and compost piles

**MUD DAUBERS AND WASP NESTS** Spray mist directly on insects and their nests from approximately 2 feet away Contacted insects will fly away from fog Applications should be made in late evening when insects are at rest Spray into hiding and breeding places contacting as many insects as possible

**CRAWLING INSECTS ANTS, COCKROACHES, INCLUDING ASIAN COCKROACHES, CRICKETS, MOLE CRICKETS, CENTIPEDES AND SILVERFISH** Hold can two (2) to three (3) feet from surface to be treated and spray infested surface of patio or picnic area hitting as many insects as possible Spray to slightly moisten the surface Also spray legs of tables and chairs to repel ants Spray ant hills for best control



**THE USER OF THIS PRODUCT ASSUMES ALL RISKS OF USE, STORAGE AND HANDLING NOT IN ACCORDANCE WITH ITS DIRECTIONS AND CAUTIONS**

MEDICAL EMERGENCY INFORMATION ONLY  
ChemTel Inc (800) 255 3924

KEEP OUT OF REACH OF CHILDREN

[OPTIONAL NO-CFCs GRAPHIC]

[OPTIONAL MADE IN USA GRAPHIC]

[OPTIONAL UPC SYMBOL]

Chase Products Co  
Putting the best at your fingertips  
P O Box 70 – Maywood IL 60153  
[www.chaseproducts.com](http://www.chaseproducts.com)

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