

6218-43

8/2/2012

1/7



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON D C 20460 0001

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

August 2 2012

Mr Robert I Rose  
Regulatory Agent for  
Summit Chemical Company  
8322 Sharon Drive  
Frederick MD 21704 8011

**Subject Amended Reregistration Label**  
**Product Name SUMMIT MISTOCIDE® B**  
**EPA Registration Number 6218 43**  
**EPA Decision Number(s) D410529 D414086 & D425007**  
**Your E Submission Dated August 2 2012**

Dear Mr Rose

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 Allethrin, Piperonyl Butoxide, and MGK 264 Insecticide Synergist** and has concluded that your submission is acceptable

**PLEASE NOTE** This product is not being reregistered under sections 3(c)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product currently contains the Confidential Statement of Formulation (CSF) listed below Any previously dated CSFs are superseded

Basic CSF dated February 14 2010

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 November 8 2010*  
*Product Chemistry Review #1 dated November 30 2010*  
*Product Chemistry Review #2 dated April 18 2011*  
*Product Chemistry Review #3 dated September 9 2011*

006218 00043 D410529 D414086 & D425007

# SUMMIT MISTOCIDE® - B

For Use in and around the Home, and Non-Food Areas of Food Processing Plants, Schools, Warehouses, Office Buildings, Theaters, Garages, Hotels, Kennels, and Hospitals

## ACTIVE INGREDIENTS

- S Bioallethrin ([1R [1a(S) 3β]] 2 methyl 4 oxo 3 (2 propenyl) 2 cyclopenten 1 yl 2 2 dimethyl 3 (2 methyl 1 propenyl) cyclopropanecarboxylate) 0 400%
- \*Piperonyl butoxide 0 700%
- \*\*N Octyl bicycloheptene dicarboximide 1 168%

## OTHER INGREDIENTS

(butyl carbtyl)(6 propylpiperonyl) ether and related compounds \*\*MGK 264 Contains Petroleum Distillates 97 732%

## CAUTION

### KEEP OUT OF REACH OF CHILDREN

FIRST AID	
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor</li> <li>• Do not induce vomiting unless told to do a poison control center or doctor</li> <li>• Do not give any liquid to the person</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 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 20 minutes</li> <li>• Remove contact lenses if present after the first 5 minutes then continue rinsing</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air</li> <li>• If person is not breathing call 911 or an ambulance then give artificial respiration preferably by mouth to mouth if possible</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
<b>NOTE TO PHYSICIAN</b> Contains petroleum distillate Vomiting may cause aspiration pneumonia	
HOT LINE NUMBER	
For additional information on this pesticide product (including health concerns medical emergencies or pesticide incidents) you may call the National Pesticide Information Center at 1 800 858 7378 from 7 30 a m to 3 30 p m Pacific Time Monday through Friday After 3 30 p m Pacific Time on weekdays and on weekends call the poison control center at 1-800 222 1222	
<b>See side panel for additional precautionary statements</b>	

EPA Reg No 6218 43  
Contents X gallon quarts pints

EPA Est No 6218 MD 2  
Lot No \_\_\_\_\_

**ACCEPTED**  
*August 2, 2012*  
Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under

EPA Reg No 6218-43

# Summit®

235 South Kresson Street  
(410) 522-0661 Toll-Free: (800) 227-8664

Baltimore, MD 21224-2616 Phone:  
Fax: (410) 522-0833

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

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are: Nitrile rubber, Viton™, and Neoprene rubber. Mixer, loaders, applicators, and other handlers must wear the following: long-sleeved shirt, long pants, shoes and socks, and chemical-resistant gloves made of barrier laminate, nitrile rubber, neoprene rubber or Viton™.

In addition to the above PPE, applicators using hand-held foggers in an enclosed area must wear a half-face, full-face, or hood-style NIOSH-approved respirator with MSHA/NIOSH approval number prefix TC-21C, or a NIOSH-approved respirator with any R, P, or HE filter.

In addition to the above PPE, applicators using hand held foggers must wear a full-face, or helmet/hood-style NIOSH-approved respirator with:

- a dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC-21C, or
- a canister approved for pesticides (MSHA/NIOSH approval number prefix TC- 14G), or -- a cartridge or canister with any R,P or HE filter.

**User Safety Requirements**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent material that have been drenched or heavily contaminated with the 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. Users should remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing. Users should 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.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Contains petroleum distillates Harmful if swallowed inhaled or absorbed through the skin Causes moderate eye irritation Avoid breathing vapor or spray mist Avoid contact with skin eyes or clothing Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals Wash hands thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet Wear long sleeved shirt long pants shoes and socks chemical resistant gloves chemical resistant gloves (barrier laminate nitrile or neoprene rubber or Viton selection category E)

**ENVIRONMENTAL HAZARDS**

This product is toxic to aquatic organisms including fish and invertebrates Do not apply directly to water to areas where surface water is present or to intertidal areas below the mean high 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 run off This product has a potential for run off for several months or more after application Poorly draining soils and soils with shallow water tables are more prone to produce run off that contains this product 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 Do not contaminate water when disposing of equipment wash waters or rinsate See Directions for Use for additional precautions and requirements

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 Pollution 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 OR CHEMICAL HAZARDS**

Do not use or store near heat or open flame

**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 feedstuff

**Outdoor uses of this product are prohibited except for limited outdoor residential uses on building surfaces (perimeters) and spot treatment on structures only**

Broadcast application of this product on indoor residential surfaces is prohibited

This product is not for use in outdoor residential misting systems (indoor or outdoor), indoor metered release devices, or indoor misting systems

Do not mix or use oxidizing agents with this product

Do not make applications during rain

Do not apply this product directly to plants

Do not use in aircraft cabins

• Do not wet article to the point of run off or drip Do not use treated article until spray



has dried.

- For surface spray use: Do not enter or allow unprotected persons to enter the treated area until sprays have dried.
- For space spray use: Do not enter or allow unprotected persons to enter the treated area until sprays vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the treated area during application.
- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.
- 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 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 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 storm sewers, 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.

**Application Instructions**

Application rates for surface spray indoors in residential settings are limited to no greater than 0.1% active ingredient dilution strength. This can be achieved by diluting with three parts petroleum solvent, not gasoline or other highly inflammable petroleum products, to one part of this product. When applied as a surface spray indoors in residential settings, use is limited to no more than 0.5 gallons of the diluted spray per 1,000 square feet. Outdoor uses of this product are prohibited except for limited outdoor residential uses on building surfaces (perimeters) and spot treatment on structures only.

The maximum piperonyl butoxide (PBO) application rate for indoor crack-and-crevice spray is 0.56 lbs a.i. per 1,000 sq. feet, which is equivalent to 11.85 gallons of this product. If applied in residential areas with an aerosol sprayer, the maximum application rate of PBO is 0.00015 lbs a.i. per 1,000 sq. feet, which is equivalent to 0.0032 gallon or 0.41 oz. of this product.

**Space Spray to Kill Flies, Mosquitoes, Small Flying Moths and Gnats:** Close room and shut off all air conditioning and ventilating equipment. Apply with mechanical or compressed air sprayer or with fogger that gives small particle size. Direct spray upwards toward upper corners of room and ceiling. Apply at the rate of 0.5 to 1.0 fluid ounce per 1,000 cubic feet of space to be treated. Vacate room and leave closed for 10 to 15 minutes. Ventilate thoroughly prior to re-entry.

**Contact or Surface Spray to Kill Cockroaches, Ants, and Crickets:** Apply with a sprayer that will give coarse wet droplets. Direct spray into cracks and crevices in walls and floors, areas at

base of machinery behind cabinets, around pipes and openings along baseboards and other insect harborages For ants, spray all points of entry into building

**To Kill Carpet Beetles** Directly spray as many insects as possible Spray both interior and exterior of upholstered furniture Both top and bottom of rugs and carpets should be sprayed thoroughly Also treat shelves closets and areas under furniture and wherever these insects are seen or suspected

**To Kill 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 buttons and tufts of bed only Do not use directly on 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 pillow and/or bed linens

Bed bugs may also harbor in areas of the room away from the bed Apply as a crack and 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 wall paper edges and popcorn ceilings Remove all clothes and other articles from dressers and 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 Allow all treated areas to dry thoroughly before use

This product is not recommended for use as a sole protection against bed bugs If evidence of bed bugs is found in/on mattresses use this product as part of an integrated pest management program to control bed bugs

**To Kill Exposed Forms of Confused Flour Beetles, Sawtoothed Grain Beetles, Lesser Grain Borers and Rice Weevils** Find and destroy infested packaged goods Remove all other items from pantry Spray the shelves to kill any of the insects present Place clean paper on the shelves and return packages after shelves have dried

**To Kill Fleas** Remove and destroy animals bedding and spray sleeping quarters Direct spray into cracks and crevices Allow spray to dry and replace clean bedding Do not spray animals directly Repeat as necessary Also treat animals with a registered flea control product before allowing them to enter treated areas



7/7

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Do not store near heat or open flame. 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:** Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank for store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**Notice:** To the extent consistent with applicable law, the seller makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extends beyond the statements made on this label. To the extent consistent with applicable law, the seller shall not be liable for consequential, special or indirect damages resulting from the use, handling, application, storage or disposal of this product or for damages in the nature of penalties, and the buyer and the user waive any right that they may have to such damages.