

6218-43

10/31/2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OCT 31 2008

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Jonathan S. Cohen
Summit Chemical Company
235 South Kresson Street
Baltimore, MD 21224

Dear Mr. Cohen:

Subject: Mistocide-B
EPA Reg. No. 6218-43
Submission dated 7/11/08

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. One copy of the finished labeling must be submitted prior to releasing the product for shipment.

Because there is no tolerance for residues of esbiol in food, you must delete the following label statements:

✓ Do not apply directly to food. Cover or remove all food and food processing equipment during application. Do not apply space spray while food processing is underway. Food processing operations do not have to be stopped while applying a wet spray with care and in accordance with the directions and cautions above in those establishments which do not operated und federal meat poultry shell egg grading and egg products inspection programs. After spraying in meat packing plants, bakeries and other food processing plans, all equipment, benches, shelving etc. where exposed food will be handled must be washed with an effective cleaning compound and rinsed with potable water.

Insecticides for the food industry.

Add to the Directions for Use a subsection entitled "Use Restrictions" and add to this subsection the following:

✓ For surface spray, do not enter or allow unprotected persons to enter until treated areas have dried. For space spray, do not allow unprotected persons to enter until 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



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

workers or other persons either directly or through drift Only protected handlers may be in the area during application

In residential settings, do not allow adults children or pets to enter the treated area until sprays and surfaces have dried and area has been thoroughly ventilated Do not apply this product in a way that will contact adults children or pets either directly or through drift Remove food and animals from premises prior to treatment

In food handling establishments use only in nonfood areas Non food areas of food handling establishments include garbage rooms lavatories floor drains to sewers, entries and vestibules offices locker rooms machine rooms boiler rooms garages map closets and storage (after canning or bottling)

Do not use in food/feed areas of food/feed handling establishments restaurants or other areas where food is commercially prepared or processed

Do not apply in schools daycare centers or other locations where children are present

Move the statement Remove pets birds and cover fish aquariums before spraying to the Use Restrictions

Delete the statement Contains petroleum distillate from the Precautionary Statements as this is properly placed in the ingredient statement and first aid statements

In the ingredient statement delete 2 128% This percentage is not supported by the attached product chemistry review

In accordance with the attached product chemistry review, consolidate the following active ingredients

d trans chrysanthemum monocarboxylic acid ester of 2 d allyl 4 hydroxy 3 methyl 2 cyclopenten 1 one 0 325% other isomers 0 025% and present them in the ingredient statement as follows s bioallethrin 0 35%

All percentages in the ingredient statement must be aligned by the decimal

Delete highly concentrated from the marketing claims This is an enhanced efficacy statement

Delete Roussel Uclaf from the footnotes to the ingredient statement This company no longer exists

- ✓ Correct the spelling of piperonyl butoxide
- ✓ On the first page correct the spelling of Precautionary

Add to the Note to physician the following, in accordance with PR Notice 2001 1
Contains petroleum distillate

Revise the 'If Swallowed' First Aid statement as follows

- ✓ If swallowed Immediately call a poison control center or doctor Do not induce vomiting unless told to do so by a poison control center or doctor Do not give any liquid to the person Do not give anything by mouth to an unconscious person

- ✓ Revise 'If on skin' to read 'If on skin or clothing'

- ✓ Revise the Precautionary Statements as follows
Harmful if swallowed Wash thoroughly with soap and water after handling and before eating drinking chewing gum using tobacco or using the toilet

Revise the first paragraph of the Environmental Hazards statements to read as follows

- ✓ This product is toxic to fish and aquatic invertebrates Do not contaminate water when disposing of equipment washwater or rinsate Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas See Directions for Use for additional precautions and requirements

- ✓ Revised the Container Disposal statements in accordance with PR Notice 2007 4

Add to the Physical and Chemical Hazards statements the following


- ✓ Do not apply this product around electrical equipment due to the possibility of shock hazard
- ✓ In the directions for use to kill bedbugs revise the statement about drying to read as follows
Dry mattress thoroughly before use

The new basic confidential statement of formula (CSF) dated 8/28/08 is acceptable A copy has been placed in the file jacket for this registration and it supersedes all previous basic CSFs

Please note that a notice of availability of EPA's reregistration eligibility document (RED) for products containing piperonyl butoxide and n octyl bicycloheptene dicarboxamide was published in the Federal Register on July 26 2006 In addition the allethrin RED was published in the Federal Register on December 27 2006 Additional data and/or labeling changes may be required for products containing allethrin piperonyl butoxide and n octyl bicycloheptene dicarboxamide For more information see the following website
<http://www.epa.gov/pesticides/reregistration/status.htm>

If you have any questions you may contact Ann Sibold at (703) 305 6502

Sincerely

for 
Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505P)

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MISTOCIDE® - B

HIGHLY CONCENTRATED, DEODORIZED NON-STAINING INSECTICIDE FOR RESIDENTIAL, INDUSTRIAL AND INSTITUTIONAL USE

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

Active Ingredients	2 218%
*d-trans-Chrysanthemum monocarboxylic acid ester of d-2-allyl-4-hydroxy-3-methyl-2-cyclopenten-1-one	0 325%
other isomers	0 025%
**Piperonyl butoxide technical	0 700%
***N-Octyl bicycloheptene dicarboximide	1 168%

INERT INGREDIENTS	97 782%
Contains Petroleum Distillate	
*S-bioallethrin from ESBIOL Roussel-Uclaf	
**Equivalent to 0 56% (butylcarbityl) (6-propylpiperonyl) ether and 0 14% related compounds	
***MGK 264 Insecticide Synergist	

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

IF SWALLOWED	Call a poison control center or doctor immediately for treatment advice Have a person sip a glass of water if able to swallow Do not induce vomiting unless told to do so by the poison control center or doctor Do not give anything by mouth to an unconscious person
IF ON SKIN	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 IN EYES	Hold eye open and rinse slowly and gently with water for 15 20 minutes Remove contact lenses if present after the first 15 minutes then continue rinsing eye 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 by mouth to mouth if possible Call a poison control center or doctor for treatment advice

ACCEPTED
with COMMENTS
In EPA Logo D. 1
OCT 31 2008
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for more pesticide regulation under EPA Reg 12
6218-43

Have the product container of label with you when calling a poison control center or doctor or going for treatment You may also contact 1 800 227 8664 for emergency medical treatment information Note to physician May pose an aspiration pneumonia hazard

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONAL STATEMENTS

EPA REGISTRATION NO 6218-43

EPA ESTABLISHMENT NO 6218-MD-2

BALTIMORE

SUMMIT

MARYLAND

CHEMICAL CO

6/18

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND
DOMESTIC ANIMALS
CAUTION

Harmful if swallowed. Contains petroleum distillate. Do not induce vomiting because of aspiration hazard. Do not apply directly to food. Cover or remove all food and food processing equipment during application. Do not apply space spray while food processing is underway. Food processing operations do not have to be stopped while applying a wet spray with care and in accordance with the directions and cautions above in those establishments which do NOT operate under Federal meat, poultry, shell egg grading and egg products inspection programs. After spraying in meat packing plants, bakeries and other food processing plants, all equipment, benches, shelving, etc., where exposed food will be handled must be washed with an effective cleaning compound and rinsed with potable water. Remove pets, birds and cover fish aquariums before spraying.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

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 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 Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not store near heat or open flame.

NET CONTENTS

Insecticides for the Food Industry

Summit MISTOCIDE®-B

DIRECTIONS FOR USE

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

NOTE When used in hospitals patients should be removed prior to treatment. Ventilate for two hours after treatment. Do not return patients to room until after ventilation.

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. Sweep up and destroy fallen insects. Repeat as necessary.

Contact or Surface Spray to Kill Cockroaches, Ants and Crickets Apply with a sprayer that will give coarse wet droplets. Force 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. Use one gallon of spray per 1,000 sq. ft. of surface to be treated. For ants, spray trails and all points of entry into building. Spray ant nests directly with a soaking application. In all cases contact as many insects as possible with the spray. Repeat application as necessary for control.

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, areas under furniture and wherever these insects are seen or suspected. Repeat as necessary.

To Kill Bedbugs Spray mattresses thoroughly, especially around seams and tufts. Spray bedstead, baseboards, floor boards and wall cracks and crevices. Allow spray to dry before contact. Repeat frequently.

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 named insects present. Place clean paper on the shelves and return packages after shelves have dried. Repeat as necessary.

To Kill Fleas Remove and destroy animals, bedding and spray sleeping quarters freely. 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.

Space Spray to Kill Flying Insects Outside Apply fog only in unoccupied areas. Stay out of treated area until no visible fog or residue remains. Fog should be directed downwind, using the prevailing wind to carry the fog into areas to be treated. Walk crosswind to cover the entire area. Use approximately 1 fluid ounce to each 250 square feet of area to be treated. Allow sufficient fogging time for each area so that the fog will remain in the area for a minimum of 10 seconds.

MISTOCIDE® Registered trademark of Summit Chemical Co

STORAGE AND DISPOSAL

STORAGE Store in a cool, dry place. Do not store near heat or open flame.

PESTICIDE DISPOSAL Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Metal Containers Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a landfill, or by other procedures approved by State and local authorities.



Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerator, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.