

40391-3

09-29-2009

1/6



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

September 29, 2009

Mr. Robert G. Drudge, President
ENTECH Systems Corporation
607 Maria Street
Kenner, LA 70062-7443

**Subject: Amended Labeling, Updates for Compliance with Pyrethrins RED & PR Notice 20007-4
ENTECH FOG-5, EPA Reg. No. 40391-3
Your Submission Dated March 19, 2009**

Dear Mr. Drudge:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable with the following provision(s):

General Statement:

1. Delete all text throughout the label marked with "strikethrough."

Precautionary Statements, Hazards to Humans & Domestic Animals section comment(s):

2. Revise this section to read: "Contains petroleum distillate. Harmful if swallowed or absorbed through the skin. 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. Remove and wash contaminated clothing before reuse."

First Aid Statement section comment(s):

3. Replace the 2nd sentence within the last row of this section (table) with: "For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-xxx-xxxx."¹

Environmental Hazards section comment(s):

4. To facilitate inclusion of language from the REDs for pyrethrins, piperonyl butoxide and MGK® insecticide synergist, revise this section to read:

"This product is toxic to aquatic organisms, including fish and invertebrates. 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 water has a potential for run-off for several weeks after application. Poorly draining soils and soils with shallow water tables are more prone to produce run-off that contains this 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.

Do not apply to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash-waters or rinsate. See Directions for Use for additional precautions and restrictions."

¹ Please note that the "1-800-xxx-xxxx" must be substituted with a valid phone number that is available twenty-four (24) hours per day, seven (7) days per week for answering and responding to any medical emergencies or health concerns.

Environmental Hazards section comment(s), continued:

5. For products packaged in containers \geq 5 gallons, include the following additional statement:

"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 his product to sewer systems without previously notifying the local sewer treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA."

Directions for Use section comment(s):

6. To facilitate inclusion of language from the REDs for pyrethrins, piperonyl butoxide and MGK® 264 insecticide synergist, add the following new subsection in its own text box immediately following the statement "It is a violation of Federal law ..." as follows:

<p>USE RESTRICTIONS & PRECAUTIONS</p> <ul style="list-style-type: none"> • Apply this product only as specified on this label. • Do not contaminate of food or feedstuffs. • Not for use in outdoor residential misting systems. • Do not enter or allow others to enter until vapors, mists and aerosols have dispersed, and the area has been thoroughly ventilated. • 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 directly to or near water, storm drains or drainage ditches. Do not apply when windy. To prevent product run-off, do not over water the treated area(s) or apply prior to heavy rainfall. • Remove or cover exposed food and drinking water before application. • Remove or cover dishes, utensils, food processing equipment and food preparation surfaces, or wash them before use. • For food stored in bags: Direct application to food contact surfaces is prohibited. • For indoor food handling/processing facilities: Do not make space spray applications when facility is in operation. During space spray applications, cover or remove exposed food. During space spray applications, cover food processing surfaces or clean after treatment with a suitable detergent, rinse with potable water before use. Do not apply more than 1 time per day. • For indoor agricultural premises: Do not apply more than 1 time per day. • Remove pets, birds and cover fish aquariums before application.

7. Revise the existing subsection heading "**General:**" to read "**Use Directions:**"
8. Within the subsection starting with "**In Fogging Equipment and ...**," insert the following text immediately following the last sentence: "Do not remain in treated areas. Leave the treated area closed off for at least 10 minutes. Thoroughly ventilated treated areas before re-occupying."
9. Within the subsection starting with "**To Kill the Adult and Accessible Forms ...**," insert the word "**Listed**" immediately preceding the word "**Insect**" in the subsection title, replace the 5th sentence with "Leave the treated area closed off for at least 10 minutes. Thoroughly ventilated treated areas before re-occupying." and replace the word "control" with the word "kill" in the 6th sentence.
10. Within the subsection starting with "**On Peanuts, Nuts, Beans, ...**," replace the words "For the control" with the words "To kill" in the 1st sentence.
11. Replace the 3rd, 4th, 5th, 6th and 7th sentences within the subsection starting with "**To Kill Flies, Mosquitoes and Gnats:**" with: "Do not remain in treated areas. Leave the treated area closed off for at least 10 minutes. Thoroughly ventilated treated areas before re-occupying. Sweep up and destroy fallen insects."

Storage and Disposal section comment(s):

- 12. Revise the existing "Storage:" subsection with "Pesticide Storage: Store in a cool, dry place away from heat or open flame in an area that is inaccessible to children and animals."
- 13. To facilitate inclusion of language from PR Notice 2007-4, make the following changes within the "Container Disposal:" subsection:

"Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying.

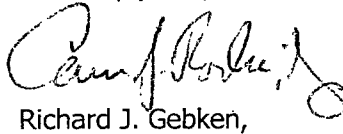
{For containers with capacities equal to or less than 5 gallons} Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with kerosene and recap. Shake for 10 seconds. Pour rinsate into application equipment or a rinse tank or 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.

{For containers with capacities greater than 5 gallons} Triple rinse as follows: Empty the remaining contents into the application equipment or a mix tank. Fill the container ¼ full with kerosene. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. 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."

A copy of your label stamped "Accepted with Comments" is enclosed for your records. Please submit two (2) copies of the final printed labeling, incorporating the above changes, before releasing the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with section 6(e) of FIFRA. Your release for shipment of the product bearing amended labeling constitutes accepting of these conditions.

If you have any questions about this label review, please contact Mr. Carmen Rodia at (703) 306-0327 or via e-mail at Rodia.Carmen@epa.gov.

Sincerely yours,

For


Richard J. Gebken,
Product Manager (10)
Insecticide Branch,
Registration Division (7505P)

Enclosure: Label stamped "Accepted with Comments"
040391-00003 D419222

4
6

ENTECH FOG-5

Active Ingredients:

Pyrethrins	0.50%
*Piperonyl butoxide, technical	1.00%
**N-octyl bicycloheptene dicarboximide	1.67%
Other Ingredients***	96.83%
Total	100.00%

*Equivalent to 0.80% (butylcarbityl)(6-propylpiperonyl) ether and 0.20% related compounds.

**MGK® 264, Insecticide Synergist.

***Contains petroleum distillate.

MGK® - Registered trademark of McLaughlin Gormley King Co.

EPA Reg. No. 40391-3

EPA Est. No. 40391-LA-1

Keep Out of Reach of Children

CAUTION

See side [back] panel for additional precautionary statements.

Manufactured by

Entech Systems Corporation

607 Maria Street Kenner, LA 70062

(504) 469-6541

www.entech.cc

Net Contents: Gallons
 1 5 20 55

{Side/Back Panel(s)}

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes or clothing. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II. Wear protective clothing. Thoroughly wash with soap and water after handling. Remove contaminated clothing and wash before reuse. Avoid contamination of food or feedstuffs.

~~Remove pets and birds and cover fish aquariums before spraying.~~

ACCEPTED
 With COMMENTS
 In EPA Letter Dated:
September 29, 2009
 Under the Federal Insecticide, Fungicide
 and Rodenticide Act, As amended, for the
 pesticide Registered under EPA Reg. No:

40391-3

First Aid

If Swallowed	<ul style="list-style-type: none"> • 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.
If Inhaled	<ul style="list-style-type: none"> • 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 further treatment advice.
If on Skin or Clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Immediately rinse skin with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in Eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
Note to Physician: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. [You may also contact 1-800-{appropriate number} for emergency medical treatment information.]	

{Note: The first aid statements' grid format will be used if market label space allows; otherwise a paragraph format will be used.}

Environmental Hazards

This product is toxic to fish and other wildlife. Do not apply directly to any body of water. Do not contaminate water when 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 use or store near heat or open flame. 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.

Apply this product only as specified on this label.

General: This product is designed for use undiluted in mechanical sprayers that give particles of aerosol size. It may be diluted with kerosenes (that meet Food Additive Regulations as defined by CFR Title 21, 172.884) and applied in fogging equipment that give larger than aerosol particle size.

~~Do not apply directly to food. Do not apply space spray while food processing is underway. Cover food processing surfaces or clean after treatment with suitable detergent and rinse with potable water before use.~~

In Fogging Equipment and Hand Sprayers to kill accessible stages of insects* infesting dried fruit products in storage or being processed: Close room or warehouse and shut off all ventilating systems. Dispense this product as a fine mist in the air above trays or shelves of dried fruit. Use a spraying device similar to the Microsol machine, or use fixed ceiling sprayers that produce a very fine spray. Do not apply directly to fruit. If overhead sprayers are used, be sure that the spray is discharged from a position of at least 6 feet over the top trays of fruit. Use a dosage of 1 gallon of this spray per 50,000 cubic feet of room space. ~~Repeat applications at this dosage in any given month. More than ten applications may also be made if this spray is diluted with more petroleum distillate, so that the pyrethrins and synergists in the final spray are reduced proportionately. Do not remain in treated areas. Ventilate the area after treatment is completed.~~ Maximum dilution is 1 part Fog-5 plus 5.6 parts oil.

*Indian Meal Moth, Dried Fruit Beetle, Confused Flour Beetle, Sawtoothed Grain Beetle and Roaches.

To Kill the Adult and Accessible Forms of Insect Pests* of Stored Food (stored in multiwall paper bags or in cloth bags) in warehouses, storage rooms and similar locations: Close room or warehouse and shut off all ventilating systems. Use a spraying device similar to the Microsol machine, or use fixed ceiling sprayers that produce a very fine spray. Use a dosage of one fluid ounce of this spray per 1000 cubic feet of room space. Do not remain in treated areas. Ventilate the area after treatment is completed. Repeat applications as necessary for insect control.

*Rice Weevil, Yellow Meal Worm, Cadelles, Confused Flour Beetle, Sawtoothed Grain Beetle, Angoumois Grain Moth, Mediterranean Flour Moth and Indian Meal Moth.

On Peanuts, Nuts, Beans (including Cocoa), Seeds and Copra (in bags or other packaging): For the control of accessible stages of Almond Moths, Angoumois Grain Moths, Ants, Cadelles, Cereal Beetles, Cheese Mites, Cheeses Skippers, Chocolate Moths, Cigarette Beetles, Cockroaches, Confused Flour Beetles, Crickets, Dark Mealworms, Drugstore Beetles, Earwigs, Firebrats, Flies, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Hide Beetles, Indian Meal Moths, Mediterranean Flour Moths, Mosquitoes, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Spiders, Spider Beetles, Yellow Mealworms, Dried Fruit Beetles, Warehouse Beetles, Rusty Grain Beetles, Lesser Grain Beetles, Coffee Bean Weevils, Khapra Beetles and other listed insects. Apply to the surfaces of stored or bagged products. Also thoroughly spray walls, floors and other surfaces, storage and handling areas, being especially careful to treat cracks, crevices and similar hiding places. Then apply as a space spray at the rate of 1/2 to 1 ounce per 1000 cubic feet of space by directing the spray toward the ceiling and upper corners of the area and behind any obstructions.

To Kill Flies, Mosquitoes and Gnats: Close room and discharge spray mist as described above. Use a dosage of 1/2 to 1 fluid ounce per 1000 cubic feet of room space. Leave room closed for at least ten minutes. Sweep up and destroy fallen insects. Repeat as necessary for control. Do not remain in treated areas. Ventilate the area after treatment is completed.

In Pressurized Tank Sprayers for Wetting Contact Sprays

As a Surface Spray to Kill the Accessible Stages of Granary Insects: Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Sawtoothed Grain Beetles, Cadelles, Meal Moth Larvae and Adults, Cigarette Beetles, Drug Store Beetles and Granary Weevils: Apply as a coarse wet spray to all areas infested by these insects. Use a dosage of 1 gallon per 10000 square feet. Pay particular attention to cracks and crevices in floors, walls and ceilings. Spray thoroughly around and into floor drains, conveyors and other areas where granary insects may be found. (For Flying Moths and Beetles, treat as for Flies, Mosquitoes and Gnats. See above.) Do not apply this spray to surfaces that may come in contact with food; excessive residues in food may result.

To Kill Roaches, Silverfish and Waterbugs in Sheltered Situations: Apply this spray with a sprayer that produces coarse, wetting droplets into all cracks and crevices in woodwork, floors, underneath sinks, areas behind pipes and in all places where these insects shelter. Contact as many insects as possible. ~~Repeat as necessary for control.~~ Do not allow spray to contact any stored food.

Storage and Disposal

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

Storage: Store in a cool, dry place. Keep container closed. **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. Offer for recycling, if available. Clean container promptly after emptying. {Containers 5 gallons or less} 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 1/4 full with kerosene and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. {Containers over 5 gallons} Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with kerosene. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

IMPORTANT: READ BEFORE USE

To the extent consistent with applicable law, buyer assumes all risks of use, storage or handling of this material not in strict accordance with the directions given herewith.

[] Denotes optional/alternate language.

{ } Denotes language that does not appear on market label.