

45385-48

06/20/2013

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

6-20-13

Sharon Johnston
RegGuide
509 Tower Valley Drive
Hillsboro, MO 63050

Subject: Amended Reregistration Label
Product Name: Pyronox Oil Concentrate #1-2-3
EPA Registration Number: 45385-48

Dear Ms. Johnston:

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 above referenced product in connection with the pyrethrin, mgk 264, and pbo RED(s), and has concluded that your submission is acceptable.

NOTE: This product is not being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

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 Any previously dated CSFs are superseded.

- Basic CSF, dated 10-8-12

A copy of your label stamped "Accepted" is enclosed 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 FIFRA sec. 6(e).

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If you have any questions about this letter, please contact either Erik Kraft at (703-308-9358) or via email at Kraft.Erik@epa.gov or Richard J. Gebken at (703) 305-6701 or via e-mail at Gebken.Richard@epa.gov.

Sincerely yours,



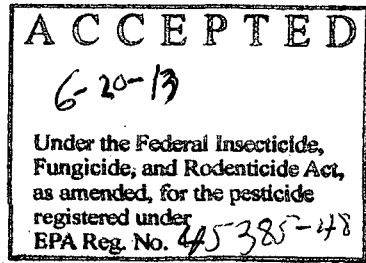
Richard J. Gebken
Product Manager (10)
Insecticide Branch
Registration Division (7504P)

PYRONOX OIL CONCENTRATE #1-2-3

- "Ready-To-Use" and Spray Directions "For Dilution"
- Controls: Angoumois Grain Moth, Ants, Boxelder Bugs, Cadelles, Cheese Mites, Cheese Skippers, Cigarette Beetles, Clover Mites, Confused Flour Beetles, Dark Mealworms, Deer Flies, Dried Fruit Beetles, Drugstore Beetles, Earwigs, Fruit Flies, Fungus Gnats, Grain Mites, Granary Weevils, Horn Flies, Hornets, Horse Flies, Indian Meal Moths, Lice, Mediterranean Flour Moths, Mosquitoes, Mushroom Flies, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Small Flying Moths, Spider Beetles, Stable Flies, Tobacco Moths, Wasps, Yellow Mealworms.

ACTIVE INGREDIENTS:

Pyrethrins [CAS# 8003-34-7]	1.00%
Piperonyl Butoxide* [CAS# 51-03-6]	2.00%
N-Octyl bicycloheptene dicarboximide.....	2.94%
OTHER INGREDIENTS**:	94.06%
	100.0%



* (butyl carbityl)(6-propylpiperonyl) ether and related compounds.
**Contains petroleum distillates.

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EPA Est. No.:

KEEP OUT OF REACH OF CHILDREN
CAUTION
Stop: Read Label Before Use
See Side Panels for Additional Precautionary Statements

FIRST AID	
If Swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • 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 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.
If on Skin or Clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
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 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. You may also call 1-800-858-7378 for emergency medical treatment advice.	
NOTE TO PHYSICIAN	
Contains petroleum distillate – vomiting may cause aspiration pneumonia.	

NET CONTENTS:

PRECAUTIONARY STATEMENTS
Hazards To Humans & Domestic Animals

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators and other handlers, must wear the following:

- Long-sleeved shirt
- Long pants
- Shoes and socks
- Chemical-resistant gloves (such as barrier laminate, nitrile or neoprene rubber or viton, selection category E).

In addition to the above PPE, applicators using a high-pressure wand in an enclosed area must wear at least a NIOSH-approved respirator with:

- a dust/mist filter with MSHA/NIOSH approval prefix TC-21C or
- any R, P, or HE filter.

In addition to the above PPE, applicators using hand-held foggers in an enclosed area must wear a half-face or full face or hood style NIOSH approved respirator with:

- a dust/mist filtering cartridge with MSHA/NIOSH approval number prefix TC-21C, or
- a cartridge or 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 materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations:

- User should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- User 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.

Environmental Hazards

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff 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 this product.

This pesticide 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.

DIRECTIONS FOR USE

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

Use Restrictions

- For use as a surface spray: Do not enter or allow others to enter until sprays have dried.
- For use as a space spray: 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 to pets, 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 area during application.
- For use as a space spray: 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 wet articles to point of runoff or drip. Do not use treated article until spray has dried.
- 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.
- When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.
- For use in feed/food handling and processing facilities: Do not make space spray applications when facility is in operation. Prior to space spray applications, cover or remove food. Prior to space spray applications, cover food processing surfaces or clean after treatment and before use.
- Do not apply 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.
- Not for use in outdoor residential misting systems.
- Remove pets, birds and cover any water inhabited by fish (such as aquariums and ornamental fish ponds) before application. Turn off aquarium filtering systems before spraying and wait approximately 15 minutes after application before turning the filter back on.
- Do not wet plants to point of runoff or drip.

INDOOR USE AS A SPACE SPRAY UNDILUTED:

Close windows and doors and shut off ventilating systems. Use a fogger or vaporizer adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns). Apply at a rate of ½ ounce per 1000 cubic feet of space. Direct the spray toward the ceiling and upper corners of the area behind obstructions. Keep area closed at least 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat treatment as necessary. Sweep up and destroy fallen insects.

This method of application will control exposed, accessible stages of FLIES (including FRUIT FLIES), MOSQUITOES, SMALL FLYING MOTHS, GNATS, WASPS, HORNETS, CLOVER MITES, CHEES MITES, CHEES SKIPPERS, BOXELDER BUGS, EARWIGS, ANTS and the following common stored products pests: GRANARY WEEVILS, RICE WEEVILS, CONFUSED FLOUR BEETLES, SAWTOOTHED GRAIN BEETLES, SPIDER BEETLES, CIGARETTE BEETLES, DRUGSTORE BEETLES, ANGOUMOIS GRIN MOTHS, MEDITERRANEAN FLOUR MOTHS, INDIAN MEAL MOTHS, TOBACCO MOTHS, YELLOW MEALWORMS, DARK MEALWORMS, GRAIN MITES, CADELLES and RED FLOUR BEETLES.

STORAGE AREAS CONTAINING DRIED FRUIT: For dried fruit in storage or being processed, apply this product undiluted for control of CONFUSED FLOUR BEETLES, DRIED FRUIT BEETLES, INDIAN MEAL MOTHS and SAWTOOTHED GRAIN BEETLES: Remove and destroy infested products. As noted above, disperse this product as a fine mist in the air above the trays and shelves. Do not apply to fruit directly. Use one half ounce per 1000 cubic feet of space. Repeat application at this dosage in any given month. Leave the room closed for one hour. Do not remain in treated areas and ventilate the area before re-entry. Sweep up and destroy fallen insects.

FOOD STORAGE AREAS: (For food stored in multi-wall bags or cloth bags) in warehouses, storage rooms, flour mills, grain elevators or granaries, apply this product undiluted for control of all of the same insects as listed above. Remove and destroy infested products. As noted above, disperse this product first by directing spray into corners, under pallets and around stacks of packaged foods hitting as many insects as possible and then treat as a space spray. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of one-half fluid ounce per 1000 cubic feet of space. This application will kill accessible, exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects.

INDOOR USE AS A SPACE SPRAY, DILUTED: Use in any suitable conventional mechanical fogging equipment to kill FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS and GNATS: Close room and shut off air conditioning or ventilating system equipment. Dilute 1 part concentrate plus 29 parts of a 60-100 second mineral oil or refined kerosene and mix well. Apply at the rate of 1 to 2 fluid ounces of the diluted mixture per 1000 cubic feet, filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying. Repeat treatment if reinfestation occurs.

SURFACE SPRAY: to insure maximum control of crawling insects such as ANTS, BOXELDER BUGS, CLOVER MITES, DRUGSTORE BEETLES, EARWIGS and SPIDER BEETLES, dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply as a sparse wetting spray using approximately 1 gallon of spray mixture for 1000 square feet of surface. Spray walls, floor and other surfaces of bins and storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Treat loading, handling and processing areas and inside conveying processing and handling equipment. Spray thoroughly around base of heavy machinery and equipment. Spray insects directly when possible. For in transit protection, clean and spray truck beds, boxcars and ships hold before loading. Thoroughly treat walls and floors and spray each layer of cartons or containers lightly as they are stacked.

As an aid in controlling MOSQUITOES, GNATS, WASPS and SKIPPERS: Treat walls, ceilings, moldings, screens, doors and window frames, beams, light cords and similar insect resting places.

ANIMAL QUARTER USE: Vacate animals before use. (Cattle barns, horse barns, poultry houses, swine houses, zoos) As a space spray diluted for use in conventional mechanical fogging equipment to kill FLIES, MOSQUITOES, SMALL FLYING MOTHS and GNATS, dilute 1 part concentrate in 29 parts 60-100 second mineral oil or refined kerosene and mix well. Apply at the rate of 2 fluid ounces per 1000 cubic feet of space. Direct spray toward the upper portions of the enclosure, filling the room with mist. Keep area closed for at least 15 minutes. Repeat treatment when reinfestation occurs.

FOR USE IN FEDERALLY-INSPECTED MEAT AND POULTRY PLANTS: Use with a ULV spraying device at the rate of one ounce per 1000 cubic feet of room space. Apply the spray into all cracks and crevices in woodwork, walls, floors, underneath sinks, behind pipes and in all places where these insects shelter. Contact as many insects as possible. Repeat as necessary for control of exposed or accessible stages of ROACHES, SILVERFISH, WATER BUGS, EARWIGS, ANTS, SPIDERS, FLIES, FRUIT FLIES, MOSQUITOES, SMALL FLYING MOTHS and GNATS.

FOR USE ONLY ON DOGS OR CATS: Protects dogs and cats from FLEAS, TICKS, MOSQUITOES, GNATS and BITING FLIES. Do not use on dogs (puppies) or cats (kittens) under 12 weeks of age. While wearing household latex gloves, dilute 1 ounce (2 tablespoons) of this concentrate with 29 ounces of a commonly available mineral oil of the type for human use. Thoroughly blend the mixture before each use. Apply with a suitable hand trigger sprayer with nozzle adjusted to a fine mist. Keep the spray nozzle 10 to 12 inches away from the pet. Direct the spray mist over the animal, beginning at the tail, continuing over the animal until the coat is slightly moist up to the back of neck. On longhaired dogs and cats, ruffle the coat and spray mist against the lay of hair, spraying directly behind the "gloved" hand to that spray penetrates to pet's skin. For best results in controlling tick infestations, locate ticks and spray directly on them. Avoid spraying pet face and genitals. An application of 20 to 30 seconds is usually sufficient for an average size dog. For cats, about 10 seconds is adequate. Allow a few minutes after application and lightly wipe the spray mist off with a paper towel to cleanse and shine the coat. Dispose of the towel in trash bag. Repeat treatment every week.

Consult a veterinarian before applying this product on medicated debilitated, aged, pregnant or nursing animals. Sensitivities may occur after using any pesticide product 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.

KENNELS AND PET SLEEPING QUARTERS: Use the same dilution rate as above to control infestation in kennels and sleeping quarters after treating animals as directed. Spray mist bedding, walls, cracks, crevices and flooring. Always remove infested bedding before spraying in kennels or sleeping quarters. Old bedding should be sprayed and replaced with clean, fresh bedding after treatment of areas.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store this product in its original container in a dry, cool, secured area.

Pesticide Disposal: As a responsible environmental practice, where possible, it is recommended that all of the contents of the container be used, carefully following label directions and precautions. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Handling: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. 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 1/4 full with solvent used to dilute the product 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.

For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents, call the National Pesticide Telecommunications Network at 1-800-858-7578.

NOTICE: To the extent consistent with applicable law, seller makes no warranty, expressed implied concerning the use of this product other than indicated on the label. To the extent consistent with applicable law, buyer assumes all risks of use and/or handling of this material when such use or handling is contrary to label instructions, Precautionary Statements and Directions for Use.

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