

45385-48

3/25/2009

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

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

March 25, 2009

Mr. H.R. McLane,
Authorized Agent for Mr. Bart Baker, Vice-President
CTX Cenol Corporation
c/o H.R. McLane, Inc.
7210 Red Road, Suite 206A
Miami, FL 33143-5321

Dear Mr. McLane:

**Subject: Revised Labeling, Updated for PR Notice 2007-4
CHEM•tox™ PYRONOX OIL CONCENTRATE #1-2-3, EPA Reg. No. 45385-48
Your Submission Dated November 21, 2008**

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):

Storage and Disposal Statement section comment(s):

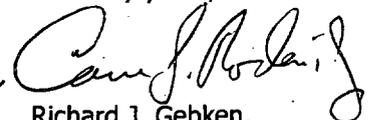
1. To facilitate inclusion of language from PR Notice 2007-4, replace the "**Container Disposal:**" section with: "**Container Disposal: If empty:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain."

CTX Cenol Corporation should note that a notice of availability of EPA's RED for products containing pyrethrins was published in the *Federal Register* on July 26, 2006 (Volume 71, Number 143, Pages 42387-42389). In addition, EPA's RED for products containing piperonyl butoxide was published in the *Federal Register* on July 26, 2006 (Volume 71, Number 143, Pages 42385-42386). Further, EPA's RED for products containing MGK® 264 insecticide synergist was published in the *Federal Register* on July 26, 2006 (Volume 71, Number 143, Pages 42381-42383). As a result, additional data and/or labeling changes may be required for products containing pyrethrins, piperonyl butoxide and MGK® 264 insecticide synergist.

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,


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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS.

CAUTION: Harmful if swallowed. Avoid breathing vapor. Avoid contact with skin, eyes, or clothing. Wear mask or respirator of type recommended by NIOSH to give adequate protection against this material. Wear protective clothing and gloves. Wash exposed skin with soap and water after handling and before eating. Wash all contaminated clothing with soap and water, separately from other clothing, before reuse. Do not apply directly to food in commercial food handling facilities. Cover or remove any food and food processing equipment during application. Do not apply while food processing is underway. After space spraying in meat packaging plants, bakeries and other food processing plants, wash all equipment, benches, shelving, etc., where exposed food will be handled, and rinse with potable water. In the home, all food processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Remove pets, birds and cover fish aquariums before spraying.

FIRST AID

IF SWALLOWED - * Call a Poison Control Center or doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing.* Call a poison control center or doctor for treatment advice.

IF ON SKIN OR CLOTHING: 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: 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.

Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment.

You may also*call 1-800-858-7378 for emergency medical treatment advise.

NOTE TO PHYSICIAN: Solvent presents aspiration hazard. Gastric Lavage is indicated if taken internally.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of waste.

PHYSICAL and CHEMICAL HAZARDS

Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

STORAGE: Store this product in its original container in a dry, cool, secured area. Do not contaminate water, foodstuffs, feed, or seed by storage or disposal.

PRODUCT 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 DISPOSAL: IF EMPTY: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

IF PARTLY FILLED: Call your local waste agency or 1-800 CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

SPILL: In case of spill, absorb liquid with absorbent material such as soil or clay etc. sweep up and dispose of material according to PRODUCT DISPOSAL - IF PARTLY FILLED - directions above.

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.

Product Batch Code No. _____

CHEM-tox™

**PYRONOX
OIL CONCENTRATE #1-2-3**

For Use by Trained Personnel Only

"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.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

STOP: Read Label Before Use

See side panels for additional Precautionary Statements.

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%
	Total 100.00%

**** Contains Petroleum Distillate**

*Consists of 1.60% (butylcarbityl) (6-propylpiperonyl) ether and 0.40% related compounds

**EPA REG. NO. 45385-48
EPA EST. NO. 45385-OH-01**

Net Contents: 1 Gallon / 3.785 Liters

ACCEPTED
With COMMENTS
In EPA Letter Dated:
March 25, 2009
Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:
45385-48

Reorder Code 0-518



**CENOL
INCORPORATED
P.O. Box 472
Twinsburg, OH 44087**

PR NOTICE 2007-4 NOTIFICATION VERSION

PYRANOX OIL CONCENTRATE #1-2-3



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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in manner inconsistent with its labeling. This product will not mix or dilute with water.

INDOOR USE AS A SPACE SPRAY UNDILUTED: The use of this product in the home, food processing, or food handling establishments and food storage areas as below, should be confined to the periods when the facilities are not in operation. Foods should be removed or covered during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. 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 1/2 ounce per 1,000 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, CHEESE MITES, CHEESE SKIPPERS, BOXELDER BUGS, EARWIGS, ANTS and the following common stored product pests: GRANARY WEEVILS, RICE WEEVILS, CONFUSED FLOUR BEETLES, SAWTOOTHED GRAIN BEETLES, SPIDER BEETLES, CIGARETTE BEETLES, DRUGSTORE BEETLES, ANGIOUMOIS GRAIN MOTHS, MEDITERRANEAN FLOUR MOTHS, INDIAN MEAL MOTHS, TOBACCO MOTHS, YELLOW MEAL WORMS, 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 1,000 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 1,000 Cubic feet of space. Do not remain in treated areas and ventilate area before re-entry. 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: Foods and food handling surfaces must be covered or removed during treatment. 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 1,000 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 and apply as a sparse wetting spray using approximately 1 gallon of spray mixture for 1,000 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 the 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, mouldings, screens, doors and window frames, beams, light cords and similar insect resting places.

ANIMAL QUARTERS USE: Vacate Animals before use. (Cattle barns, horse barns, poultry houses, swine houses, zoos.): As a space spray diluted for use in conventional mechanical logging 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 1,000 cubic feet of space. Direct spray towards the upper portions of the closure filling the room with mist. Keep area closed for at least 15 minutes. Vacate the treated area and thoroughly ventilate before reoccupying. 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 1,000 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. Before using, exposed food products and packaging materials must be covered or removed. After use, all equipment and utensils must be thoroughly washed and rinsed with potable water before operations are resumed. Use as a space spray only when plant is vacated and not in operation.

OUTDOOR GROUND APPLICATION, UNDILUTED: Use for control of ADULT MOSQUITOES, GNATS AND SMALL FLYING MOTHS. For best results, apply when there is a light breeze of approximately, and no more than 5 mph and temperature is cool (75°F or less), with a ULV spraying device "fog" a dosage rate of 5 ounces per minute upwind of the area to be controlled. If the equipment is truck mounted, keep the speed to approximately 5 mph with a swath width of no more than 300 feet. To control MOSQUITO LARVAE, dilute at the rate of 15 ounces per 50 gallons of non-phytotoxic 60-100 sec. mineral oil and spray at the rate of 20 to 25 gallons per acre. Apply as a coarse wetting spray to the border or on shallow water of wet lands, swamps and marshes where mosquito larvae are known to breed.

TEMPORARY REDUCTION OF ANNOYANCE from FLIES, MOSQUITOES and SMALL FLYING MOTHS OUTDOORS: The aforementioned application for outdoor ground application will afford temporary reduction of annoyance from these pests in public gathering places; (drive-in restaurants, drive-in theaters, golf courses, municipalities, parks, play grounds and recreational areas). Direct application into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while air is still. Avoid wetting foliage. Application should be made prior to attendance. Repeat as necessary. In additional outdoor areas (corrals, feed lots, swine lots, and zoos), cover water, drinking fountains and animal feed before use. Fill area with mist, directing application into tall grass, shrubbery and around lawns where these pests may hover or rest, apply while air is still. Avoid wetting foliage in zoos, avoid exposure of reptiles to this product. Repeat as necessary.

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 so 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 using this product on debilitated, aged, pregnant, nursing, or medicated animals. Sensitivities may occur after using AN 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. (09-10-03)

NOTICE: Sellers makes not warranty, expressed or implied concerning the use of this product other than indicated the label. 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

