

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

MAY 02 1997

Ms. Julie B. Schlekau
Registration Specialist
McLaughlin Gormley King Company
8810 Tenth Avenue North
Minneapolis, MN 55427

Dear Ms. Schlekau:

Subject: Amended Label to Clarify and Define Approved Uses.
Esbiol (R) Concentrate 2243
Reg. No. 1021-1457
Your Submission Dated April 7, 1997

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted subject to comments listed below. Two copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped label is enclosed for your records.

Revise your "Environmental Hazards" statement to read as follows:

This pesticide is extremely toxic to fish, birds, and other wildlife. Do not contaminate water when disposing of equipment washwaters.

If there are questions concerning the above, contact me.

Sincerely,

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Tina E. Levine, PhD
Acting Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (7505C)

CONCURRENCES

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

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

ACTIVE INGREDIENTS:

* d-trans chrysanthemum monocarboxylic acid ester of d-allyl-4-hydroxy-3-methyl-2-cyclopenten-1-one	0.85%
** Piperonyl butoxide, Technical	1.70%
*** N-Octyl bicycloheptene dicarboximide	2.84%
**** Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	8.50%
***** INERT INGREDIENTS	86.11%
	100.00%

* S-bioallethrin from ESBIOLO, Roussel-Uclaf; Paris, France
 ** Equivalent to 1.36% (butylcarbityl) (6-propylpiperonyl) ether and 0.34% related compounds.
 *** MGK® 264, Insecticide Synergist
 **** U.S. Patent No. 3,244,586
 ***** Contains Petroleum Distillate
 ESBIOLO - Registered trademark of Roussel-Uclaf; Paris, France
 MGK® - Registered trademark of McLaughlin Gormley King Co.

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 02 1997

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 1021-1457

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Do not induce vomiting because of aspiration pneumonia hazard.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF ON SKIN OR CLOTHING: Remove contaminated clothing and wash before re-use. Wash skin with soap and warm water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Contains petroleum distillate. Do not induce vomiting because of aspiration pneumonia hazard. Avoid breathing vapors or spray mist. Avoid contact with skin or eyes. In case of contact, flush with plenty of water. Wash with soap and warm water after use. Obtain medical attention if irritation persists. Avoid contamination of food or feedstuffs.

Do not apply while food processing is underway. Foods should be covered or removed during treatment. All food processing surfaces should be covered during treatment or thoroughly cleaned before using. After spraying in bakeries, meat packing plants, food processing plants, etc., all benches, shelving, equipment, etc. where exposed food will be handled must be washed with an effective cleaning compound followed by a potable water rinse to remove all traces of contamination.

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

NOTE TO PHYSICIAN: Solvent may present aspiration hazard. This product contains a cholinesterase inhibitor. Atropine, by injection, is antidotal and should be administered only if signs of cholinesterase inhibition have appeared. 2-PAM is also antidotal and may be used in conjunction with atropine.

ENVIRONMENTAL HAZARDS

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

FLAMMABLE. Keep away from 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.

DILUTION DIRECTIONS: This concentrate must be diluted with water or petroleum distillate before use. Dilute at the rate of 1 part concentrate to 16 parts water or oil. Mix well and apply as directed below. DO NOT STORE water dilutions for future use.

General: Apply this product as a crack and crevice or spot treatment with a compressed air sprayer to localized areas where the insects listed below are found.

APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A CRACK AND CREVICE AND SPOT TREATMENT ARE NOT PERMITTED

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To Kill Ants, Cockroaches, Crickets, Earwigs, Firebrats, Silverfish, Sowbugs and Spiders: 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. Pests driven out of hiding places should be sprayed directly. 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 spray. Repeat as necessary.

To Kill Fleas and Ticks: Remove and destroy animal's old bedding and apply this spray as a spot treatment to infested areas such as pet beds and resting quarters, nearby cracks and crevices, along and behind baseboards, window and door frames and localized areas of floor and floor coverings where these pests may be present. Allow spray to dry and replace clean bedding. Do not spray animals directly. Animals should be treated with a registered flea and tick control product prior to reentering treated areas. Repeat as necessary.

To Kill Black Carpet Beetles and Dermestids: Directly spray as many insects as possible. Spray both interior and exterior of upholstered furniture. Where possible, the bottom of rugs and carpets should be sprayed thoroughly. Apply as a spot application to rugs and carpets in areas such as under furniture, corners of rooms, and areas not subject to foot traffic, as these are where carpet beetle larvae are commonly found. Also treat shelves, closets, areas under furniture and wherever these insects are seen or suspected. Repeat as necessary.

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: Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill or by other procedures approved by State and Local authorities.

Net Contents _____

Manufactured by:
Mc LAUGHLIN GORMLEY KING COMPANY
8810 Tenth Avenue North
Minneapolis, MN 55427

EPA Reg. No. 1021-1457

EPA Est. No. 1021-MN-2

