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Systems Integration Group, Inc.

PM 04

1812-429

6-18-99

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

JUN 18 1999

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Darryl Brock
Griffin LLC
PO Box 1847
2509 Rocky Ford Rd.
Valdosta, GA 31601

Subject: Questor MUP Insecticide
EPA Reg. # 279-3134 transferred 6/11/99 to # 1812-429
label amendment submitted 11/26/97
accepted with comments

Dear Mr. Brock:

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 following comments:

1) The following sentence must be added to the section that begins "This product may NOT be used for" Place this sentence at the end of the section after the list of sites.

"All manufacturing-use products produced from this product must bear a statement prohibiting formulation of such products for the uses identified above."

2) A word is missing in the list of sites under "only for formulation into ..." in the section labeled "pest control indoors." Add the word "not" as indicated below (underlining below not needed, it's just used here for emphasis). I would also recommend the minor punctuation changes indicated to help clarify the text. Revise this section so that it begins with:

"Crack and crevice, spot, and bait treatments in an around residential and non-residential buildings and structures (including food-handling establishments) including but not limited to apartment buildings, bakeries,"

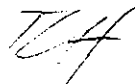
Please submit three (3) copies of your final printed labeling incorporating the above changes prior to releasing your product for shipment. If the above provisions are not complied with the registration will be subject to cancellation in accordance with FIFRA

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Section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A copy of your label stamped "accepted with comments" is enclosed for your records.

Sincerely yours,



Thomas C. Harris
Insecticide / Rodenticide Branch
Registration Division (7505C)
Office of Pesticide Programs

enclosure

Code 1354



Insecticide

An Insecticide for formulating use only.

EPA Reg. No. 279-3134

EPA Est. No.

Active Ingredient:

Chlorpyrifos: 0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl)-phosphorothioate	62.5%
Inert Ingredients:	37.5%
Total	100.0%

*Contains aromatic petroleum distillate

KEEP OUT OF REACH OF CHILDREN

WARNING

AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center immediately. Do not induce vomiting. Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not give anything by mouth to an unconscious person.

If on skin: Wash with plenty of soap and water. Get medical attention.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If in eyes: Immediately flush with plenty of water. Obtain medical attention if irritation occurs and persists.

See other Panels for additional Precautionary Statements.

Note To Physician

Chlorpyrifos is a reversible cholinesterase inhibitor. Atropine sulfate is antidotal. Start treatment by giving 2 mg atropine by injection after cyanosis is overcome and repeat atropine at 0.4 to 2 mg every 15 minutes until atropinization is achieved (tachycardia, flushing, dry mouth and mydriasis). Oximes, such as 2-PAM/protopam, are also antidotal, but only in conjunction with atropine. Observe to insure symptoms do not recur as atropinization wears off. Morphine, theophylline, phenothiazines and reserpine are probably contraindicated. This product also contains lightweight aromatic hydrocarbons that can produce a severe pneumonitis if aspirated during emesis. Consideration should be given to gastric lavage with endotracheal tube in place. Treatment is controlled removal of exposure followed by antidotal, symptomatic and supportive care.

For Emergency Assistance Call (800) 331-3148



FMC Corporation
Agricultural Products Group
Philadelphia PA 19103

11/97

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Net Contents:

ACCEPTED
with COMMENTS
In EPA Letter Dated:
JUN 18 1999

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

279-3134
Transferred 6/11/99 to 1812-429

PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

Warning

May be fatal if swallowed. Harmful if inhaled or if absorbed through the skin. Avoid contact with eyes, skin or clothing. Avoid breathing vapor or spray mist. This product is a mild skin sensitizer. Repeated exposure may cause allergic reaction in sensitive individuals. Discontinue use and consult a Physician. Handle concentrate in a ventilated area. When handling concentrate wear protective clothing such as long-sleeved shirt, long-legged pants, hat, gloves and boots resistant to petroleum solvent. Wash thoroughly with soap and water after handling and before eating or using tobacco. Remove contaminated clothing and wash before reuse.

Environmental Hazards

This pesticide is toxic to birds and wildlife, and extremely toxic to fish and aquatic organisms. 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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

Storage

Avoid storage above 122°F (50°C) for extended periods of time. Protect from moisture. Avoid contamination with water, acids, or alkalis. Keep container closed.

Do not use or store near heat, open flame or hot surfaces.

Keep out of reach of children and animals. Store in original containers only in a locked storage area. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call FMC: (800) 331-3148.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter, commercial clay or gel absorbents. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Disposal

Metal Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Do not cut or weld container.

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

Returnable/Refillable Sealed Container: Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase or location authorized by distributor.

DIRECTIONS FOR USE

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

Only for formulation into end-use insecticide products intended only for:

Uses for which USEPA has accepted the required data and/or citations of data that the Formulator has submitted in support of registration.

Uses for Experimental Purposes that are in compliance with USEPA requirements.

Agricultural Crops (Terrestrial Food Crop)(Greenhouse Food Crop): Any use for which U.S. EPA has accepted the required data and/or citations of data that the formulator, user group, or grower has submitted in support of registration, excluding any use strictly prohibited by the label: alfalfa, apple, asparagus, banana, bean (snap, lima), beet (sugar, table, including seed), blueberry, brassica (cole) leafy vegetables (bok choy, broccoli, broccoli raab, Brussel sprouts, cabbage, Chinese cabbage, cauliflower, collard, kale, kohlrabi), caneberry, cherimoya, cherry (sour, sweet), citrus (lemon, orange, grapefruit and citrus, other) citrus orchard floor, corn (field, sweet, seed), cotton, cranberry, cucumber, date, feijoa, figs, grapes, kiwifruit, leek, legume vegetables, mint, nectarine, onion, pears, peaches, plums/prunes, radish, rutabagas, sapote, seed and pod vegetables, sorghum (grain, milo), soybean, strawberries, sugarcane, sunflower, sweet potato, turnips, tobacco, tomato (except cherry tomato), tree nuts (almond, filbert, pecan, walnut, other), turnip, wheat and seed treatment.

Ornamentals (Outdoor and Nursery)(Terrestrial Nonfood Crop)(Greenhouse Non-food Crop)(Indoor): Outdoor and field grown ornamentals (including, but not limited to flowers, shrubs, evergreens, vines, shade and flowering trees, and non-bearing fruit, nut, and citrus trees); perennial grass seed crops, potted, containerized or balled and burlapped nursery stock plants, annual and perennial plants, houseplants.

Tree and Forest Pests (Forestry)(Domestic Outdoor): Nurseries, plantations, felled trees, shade and flowering trees and Christmas trees, plantations; cut stumps.

Turf and Other Outdoor Areas (Domestic Outdoor)(Terrestrial Nonfood Crop): Including, but not limited to golf courses, lawns and other ornamental and recreational turf grass areas and non-crop areas such as roadsides, footpaths and trails, picnic and camping sites, parks and other recreational areas, sod farms and commercial turfgrass areas, and ant mounds.

Pest Control on Outside Surfaces and Around Buildings (Domestic Outdoor): Perimeter Treatments (applied to and around outside surfaces of residential and nonresidential buildings and structures, including but not limited to) crawl spaces, decks, driveways, eaves, fences, foundations, garages, patios, refuse dumps, walkways, walls, window and door frames, wide area and general outdoor treatment (for flying insects), baits, and soil treatments.

Wood or Wood Structure Protection Treatments (Domestic Indoor or Outdoor): General Surface, localized injection, and barrier soil treatments to residential and nonresidential buildings and structures including, but not limited to pre and post construction termiticide, barrier soil application, wood surfaces, voids and channels in damaged wood, gaps between wooden members, wall voids, junctions between wood and foundation, underground utility cables and conduit, fence posts and utility poles, and wood treatment (dip, spray, or pressure treatment of lumber, logs, pallets, poles, posts, wooden containers, and processed wood products).

Pest Control Indoors (Indoor): Crack and crevice, spot and bait treatments in and around residential and nonresidential buildings and structures including food-handling establishments, including but limited to apartment buildings, bakeries, bottling facilities, breweries, cafeterias, food manufacturing plants, food processing plants, food service establishments, granaries and grain mills, hospitals, hotels, houses (including crawl spaces), industrial buildings, kitchens, laboratories, mausoleums, mobile and motor homes, offices, restaurants, schools, stores, warehouses, wineries, and vehicles.

Pets and Domestic Animals (Indoor): Pet Collars, cattle ear tags, animal housing including, but not limited to pet kennels, poultry houses, and livestock housing (corrals, stockyards, holding pens, and other outdoor livestock holding areas).

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This product may NOT be used for formulation into manufacturing-use or end-use products for the following uses:

Pest Control Indoors (Indoor): Indoor broadcast use, total release foggers for indoor residential and nonresidential (except greenhouse) use, coating products intended for large surface areas such as floors, walls, and ceilings inside residential dwellings, offices, schools, or health care institutions including, but not limited to houses, apartments, nursing homes and patient rooms in hospitals.

Pets and Domestic Animals (Indoor): Animal dips, sprays, shampoos, dusts.

Aquatic Uses (Aquatic Food Crop)(Aquatic Non-Food): Any aquatic use including mosquito larvicide.

Pest Control Indoors or Outdoors (Domestic Indoor or Outdoor): Paint additives, application in sewer manholes.

This material requires further mixing before use.

Formulators using this product are responsible for obtaining EPA registration of their product.

Refer to attached Technical Bulletin for formulating and other information.

NOTICE

Seller warrants that the product in this container conforms to its chemical description contained hereon and is reasonably fit for its intended purpose when used in accordance with proper manufacturing practices and procedures and under normal conditions of use. Neither this warranty nor any other warranty of MERCHANTABILITY or of FITNESS for a particular purpose, expressed or implied, extend to use or handling of this product contrary to proper manufacturing practices and procedures, or under abnormal conditions or conditions not reasonably foreseeable to Seller, or to use by mixture, chemical reaction or formulation with other substances not specifically recommended in writing by Seller, and Buyer assumes all risk of any such use. Any damages arising from breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid for this product by Buyer, and shall not include incidental or consequential damages such as, but not limited to, loss of profits or values.

FMC and Questor — FMC Trademarks (1354-6/19/96)