6720-404 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

7 1991

Mr. Andrew A. Ferrigno c/o Mr. H.R. McLane H.R. McLane, Inc. 7210 Red Road, Suite 212A Miami, FL 33143

Dear Mr. McLane:

Subject: Amendment - Revised Label and Product Name Change

Dursban Plus Dichlorvos

EPA Registration No. 6720-404

Your Submission Dated July 30, 1990

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

o As indicated in item i. of our letter of July 18, 1990, verify in writing that this product will not be marketed to residential users and that therefore the 1 gallon sized container is not subject to child resistant packaging.

A stamped copy of the labeling is enclosed for your records.

Sincerely,

George T. LaRocca Product Manager (15) Insecticide-Rodenticide Branch Registration Division (H7505C)

Enclosure

CONCURRENCES									
SYMBOL									
SURHAME)	m				************				
DATE)	3/7/91								
EDA Form	1920 14 (100)		Seleted on Broad & B				OFFICIAL FILE COPY		

EPA Form 1320-1A (1/90)

Printed on Recyclus Paper

NOTE TO PHYSICIAN - POISONING SYMPTOMS

me include weakness, headache, agistress in chest, blurred vision, non-reactive pin-point pupils, n, sweating, neuroes, vomiting, disvrhes, and abdominal cramps: <u>TREATMENT</u> - Atropine is the specific utic antagonist of choice against parasympathetic rervous stimulation. If there are signs of parasympac stimulation aeropine autate should be injected at 10 minute intervals, in doses of 1 to 2 millionans until m stropinization has occurred. 2 PAM is also antidotal and may be administered in conjunction with Atropine Morphine is contraindicated. Clear cheet by postural drainage.

Repeated exposure to cholinesterase inhibitors may without warning cause prolonged succeptibility to very

peterage inhibitors. Allow no further exposure until time for cholinecterage reg has been allowed as determined by a blood test. This product contains an aromabic petroleum solvent. Vomiting

ny cause expiration preumonie.

ENVIRONMENTAL HAZARDS

This product is topic to fish, birds, and aquetic involvebrates. Do not apply directly to water or wetlands (swamps bons, marshes and potholes). Difft and runoff may be hazardous to aquatic organisms in neighboring areas. Do or when disposing of equipment washwaters. This product is highly touc to be to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while be

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame DIRECTIONS FOR USE

R is a violation of Faderal law to use this product in a manner inconsistent with its label.

Do not apply this product through any type of irrigation system.

STORAGE AND DISPOSAL

Do not contaminate water, food, or leed by storage or desposal STORAGE: Store product in its original container in a cool, dry, locked place out for reach of children PESTICIDE DISPOSAL Pesticide wastes are acutely hazardous improper disposal of excess particide, spray muture or misate it a violation of Federal law if these wastes cannot be disposed of by use according to label instructions, contact your nearest State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA regional Office for guidence. <u>CONTAINER DISPOSAL</u> Triple nine (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration, or it allowed by State and local authorities, by burning ill burned stay out of smoke

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions manufacturer and/or seller, and buyer assumes the risk of any such use

PESTS OUT-OF-DOORS

eral information - Use this product for control of certain perts on outside surfaces of buildings and on lawns omanientale plants, and for area control of Chipgers. Consult the following directions for dosage and lot fon details to control the perts listed.

PESTS ON OUTSIDE SURFACES OF BUILDINGS. Use this product at the rate of 2 3/4 ounces per gallon of water to control Aria. Clover Mines, Cockroaches, Crickets, Earwigs, Fites, Files, Millipedes, Mosquitoes, Sowbugs, Spiders, and Ticks by application as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps, and other areas where these pasts congregate or have been seen. Do not treat or allow the spray to contact plants (lawns, flowering plants, shrubs, trees, evergreen, etc.) because of possible injury. Repeat treatment as needed to maintain effectiveness

NOTE: To help prevent Infestations of buildings by Ants, Crickets, Eurwigs, Millipedes, and Sowbugs , (Pilibugs) treat a band of soil 6 to 10 feet wide around and adjacent to buildings, also building foundations to a height of et, where pests are active and may find entrance. Use 16 ounces (1 Pint) in 100 gations of water and apply as a coarse spray at the rate of about 10 gallons of spray militure per 1,000 sq. ft. to thoroughly and uniformly

PESTS OF LAWNS, OTHER ORNAMENTAL AND RECREATIONAL TURF AREAS AND PERENNIAL TURF GRASSES GROWN FOR SFED.

Use this product to control the following pests as listed by application at the recommended desages and in accordance with the direction given below. Difute in enough water to obtain complete and uniform coverage of pest infested areas and apply as a course, low pressure spray using suitable spray equipment. Thoroughly water after treatment to wash the insecticide into the turf, except as noted. For best results, the lawn should be most at the time of treatment.

PEST OF ORNAMENTALS

Use this product to treat flowers, shrubs, whes, shade trees and flowering trees and evergreens found to be infested with the following parts as finled. Dilute with water according to directions given in the lable and apply using suitable hand or power spray equipment in a manner to provide complete coverage. For best results, apply ng sprey to both upper and lower leaf surfaces and infested limb and trunk area. Attempt to penetral dange foliage but avoid overspraying. Treat when pasts appear and repeat at 7 to 10 day intervals, if needed IMPORTANT: Do not use on Azaleas, Camellias, Pointerbas, Rose Bushes, or Variegated by because of possible

DOSAGES AND DIRECTIONS FOR USE ON ORNAMENTAL PLANTS

DOSAGES AND DIRECTIONS FOR USE ON ORNAMENTAL PLANTS
For control of Aphids, Mites, Bagworms, Drangestriped Oakworm, Eastern Tent caterpiler: Spittlebug, Falt
Webworm, Whiteflees, Grasshoppers, Velownecked Caterpiliar use 0.5 FLOZ/3 gals - 1.6 FLOZ/10 gals

TPL/100 gals

for control of Cutworms, Leethoppers, Mealybugs, Mimosa Webworms, Red Humped Caterpillar,
Intiga(Exposed Stars): Use 1.0 FLOZ/3 gals, -3.2 FLOZ/10 gals -1.0 UHT/100 gals

For control of Ash Bur. Use Borer, "Dogwood Borer, (Scale Crawters, Oak Lecanium, Pine Neadle, Tes, and
White Peach): Scale Insects, use 2.0 FLOZ/3 gals -6.4 FLOZ/10 gals -2.0 UARTS/100 gals

For control of **Peach Tree Borer use 5.75 FLOZ/3 gals -18.2 FLOZ/10 gals -1.5 GALLON/100 gals



DURSBAN PLUS DICHLORVOS (DDVP)

INDOOR / OUTDOOR PEST CONTROL FOR COMMERCIAL / INDUSTRIAL USE ONLY

Controls Aria, Chinch Bugs, Sod Webworns, White Grub Laives, Chippers, Fleas Mosqueoss, Spiders, Ticlis, Millipedes, Sowbugs, Aphide, Bagworns, Whitefles. Leathoppers, Miss, and Borers as List

FOR INSECT CONTROL IN FOOD AND NON-FOOD AREAS For Cockroaches-Ants-Crickets-Silverfish-Fishe-Brown Dog Ticks

ACTIVE INGREDIENTS:

Chlorpyrlfos [O,O-Diethyl O-(3,5,6-trichloro-

2-pyridyl) phosphorothicate)

Dichlorvoe [2,2-Dichlorovinyl dimetryl phosphate] Related Compounds

0 48% **INERT INGREDIENTS:*** TOTAL 100 00%

Contains 2 lb. Chiorpyrifos & 0.50 lbs of Dichlorvos(DOVP) per Gallon *Contains a Petroleum Distrillate DURSBAN Registered Trademark Dow Chemical Company U.S.A.



KEEP OUT OF REACH OF CHILDREN DANGER - POISON PELIGRO



6 04%

PRECAUCION AL USUARIO: Si usted no fee ingles, no use este producto hasta que la e haya sido explicado ampliamente

STATEMENTS OF PRACTICAL TREATMENT.

IF SWALLOWED: Call a physician or Poison Control Center Immediately if possible vomiting should be induced under medical supervision, Have victim drink 1 or 2 glasses of water and induce verniting by touching the back of # . throat. Do not induce verniting or give anything by mouth to an unconscious or convulsing person.

IF INHALED. Remove victim to fresh air. Apply artificial respiration if indicated. Call a physician

and get medical attention immediately IF IN EYES: Flush eyes with plenty of water. Get medical attention immediately

FON SKIN. Plemove contaminated clothing and wash affected area with soap and water. Get

NOTE TO PHYSICIAN It signs of cholinesterase inhibition (weakness, headache, chestoghtness blumed vision, salivation, sweating, nausea, vomiting or abdominal cismps) occur, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine "Solvent presents an aspiration hazard. Gastric lavage is Indicated if material was taken

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC APPRAIS

DANGER. Polsonous If swallowed, Inhales, or at Jorbed th ough the skin or eyes. Do not get in eyes or on skin, Do not breathe fumes. Regionly autoribud birough the skin. We'ar natural subber gloves, water-proof protective clothing and goggles when handling, mixing or spraying. View a pesticide respirator jointly approved by the Afring Safrit, and "fire"th Administration and by the National Institute of Occupational Safety and Health unger the provision of 30 CFR Part 11 for protection against chlorpyrifos and dichlorvos(DDVP). Don hot apply this product in patient rooms or in any rooms white occupied by the elderly or infirm. Do not apply to classrooms when in use Precautionary Statement, Lie combined on Side Panel (this label)

EPA REG. NO. 6720-504 EP1 EST. NO. 6720-FL-1 HET CONTENTS J GALLON

SOUTHERN MILL CREEK PRODUCTS COMPANY, INC. 5414 North 56 th Street TAMPA, FLORIDA 33610

SYMPTOMS

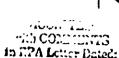
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vision, non-reactive pin-point pupils, TREATMENT - Arapine is the specific altion. If there are signs of parasympaels, in doses of 1 to 2 milligrams until / be administered in conjunction with

euse prolonged eusceptibility fo very Il time for cholinesterass regeneration I azomatic patroleum solvent. Vomiting



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6720-401

ed by State and local authorities, by

nably fit for, the purpose stated on the fuee eleminacturer is not responsible introductions, or under conditions, in manufactures the risk of any such use 300.

de surfaces of buildings & dion lawns infollowing directions for dosage and

rate of 2 3/4 ounces per gallon of water is, Millipedes, Mosquitors, Sowbugs, icas of buildings, including porches, ir areas where these pests congregate lewis, flowering plants, shrubs, trees, if to maintain effectiveness.

i, Millipedes, and Sowbugs, (Pillt. ugs) to building foundations to a height of Pint) in 100 gallons of water and apply 300 sq. ft. to thoroughly and uniformly.

CREATIONAL TURF AREAS VN FOR SEED.

at the recommended dosages and in ain complete and uniform coverage of its spray equipment. Thoroughly water best results, the lawn should be most

LS

ng trees and evergreens found to be firections given in the table and apply plete coverage. For best results, apply and trunk area. Attempt to penetrate let at 7 to 10 day intervals, if needed or Variegated by because of possible

NAMENTAL PLANTS pm Tent caterpillar Spinlebug, Fall FI.Oz/3 pals - 1 & FI Oz/10 pals -

Rorms, Red Humped Caterpillar, XUART/100 gala

ik Lecanium, Pine Needle, Tea, and -2 QUARTS/100 galls

- 2 QUARTS/100 gan Digals - 1 5 GALLON/100 gals



DURSBAN PLUS DICHLORVOS (DDVP)

OR / OUTDOOR PEST CONTROL COMMERCIAL / INDUSTRIAL USE ONLY

 Chinch Bugs, Sod Webworms, White Grub Larvee, Chiggers, Fleas, Spiders, Ticle, Millipsdes, Sowbugs, Aphide, Bagworms, Whitefles, Leafhoppers, Milter, and Bower as Usted

ECT CONTROL IN FOOD AND NON-FOOD AREAS Cockroaches-Ants-Crickets-Silverflah-Fleas-Brown Dog Ticks

rpyrfos & 0.50 lbs of Dichloryos (DOVP) per Gallon *Contains an Arometric Couperly U.S.A.

KEEP OUT OF REACH OF CHILDREN DANGER - POISON PELIGRO

"PRECAUCION AL USUARIO" Si usted no lee Ingles, no use este producto hasta que la ebqueta haya sido explicado ampliamente"

F SWALLOWED Call a physician or Porson Control Center Immediately. If possible vomling should be induced under medical supervision. Have victor drink 1 or 2 glasses of water and induce vomling by touching the back of the throat. Do not induce vomling or give anything by mouth to an unconscious or convulsing person.

F INHALED Remove victim to fresh eir Apply artificial respiration if indicated Call a physician and get medical attention immediately

FIN EYES. Flush eyes with plenty of water. Get medical aftention immediately.

F ON SKIN. Remove contaminated clothing and wash affected area with soap and water. Get medical attention immediately.

NOTE TO PHYSICIAN If signs of cholinesterase inhibition (weakness, headache, chest tightness, blurred vision, salivation, sweating, nausea, withing or abdominal cramps) occur, atropine by injection is abdotal 2-PAM is also antidotal and may be administered in conjunction with atropine "Solvent presents an aspiration hazard. Gastric lavage is indicated if material was taken internally.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER. Poisonous if swallowed, inhaled or absorbed through the skin or eyes. Do not get in eyes or on skin, Do not breathe fumes. Ragicly ausorbed through this skin. Wear natural rubber gloves, water-proof protective clothing and poggers when bandling, inhiting or apraying. Wear a pesticide respirator jointly approved by the Mining Salety and Machine Administration and by the National Institute of Occupational Salety and Health unglar the provision of 30 CFR Part 11 for protection against chlorpyrios and dichloryos (DOVP). Don hot apply this product in patient rooms or in any rooms white occupied by the elderly or infirm. Do not apply to classrooms when in use preclationary Stotement. The combining of this product has seen as the provisionary Stotement.

EPA REG. NO. 6720-404 EPA EST. NO. 6720-FL-1

SOUTHERN MILL CREEK PRODUCTS COMPANY, INC. 5414 North 56 th Street TAMPA, FLORIDA 33610



*Dogwood Boner: Mkx 1/2 gallon in 100 gallons water (1 Quart in 50 galls.) & epray trunks and lower limbs of trees when adults begin to emerge. Consult your local Ag. Ext. Service for the proper finning **Peach Tree Boner: Dilute 5 3/4 fl. ox's. In 3 gallons of water. Apply to Flowering trees and shrubs of the Genus **Property for the first limbs. Apply as a coarse wet surey 3 times May 1st, June 1 st; and July 1st, Do not treat the fruit or upper portions of the tree. This treatment is for

DOSAGES AND DIRECTIONS FOR USE ON TURF.

omemental peach trees only

For control of Ants, Armyworms, Chiggens, Chirch Bugs. Cover Mitre, Crictetts, Cutvorms, Earwige, Fleas, Granshoppers Ticks, and Sod Webworms, Use 1.5 FLOz /1,000 Sq.Pt. of Turf. Use in a minimum of 5 to 10 gals. of trater /1,000 sq.Rt. Spray when peets first appear, retreat when necded. For Sod Webworm delay watering or moving for 12 to 24 hours after treatment. This rate is equivalent to 1/2 Gal of Concentrate per acre. For control of Turfgress hyperoides. Use: 3 FLOz/1,000 Sq.Pt. of Turf., Spray problem areas in field 3 pril and again in Mid-May or as recommended by Local Agricultural Extursion Service Specialists. For control of White Grubs of European Challer and Japanese Beetle (Only). Use: 3 to 8 FL. Oz/s/1,000 Sq.Pt. of turf. Spray when grubs are actively feeding near the soil surface in less July & August or as recommended by local Ag.Ext. Serv. Specialist. Water area after treatment with 1/2 to 1 inch water to wash insecticide into sulf. For Buegrass Brilloug use: 3 to 8 FL. Oz/s/1,000 Sq.Pt. of Turf. Spray sarry in the season when adults first appears. Remarks in reaction.

appear. Repetet as needed, Irrigate treated area as for grubs.

NCTE: Mosquitose, coming to rest on areas treated for control of Turf and Ornemental plant peets will be idlied for varying periods of time after treatment, depending on expusure of treated areas to weathering conditions.

Area Control of Tictor and Chipgers: Use for non-crop areas such as readelines, footpaths, and traits, picnic and camping sites, parks and other recreational areas where these peets are present and creat a nulsance or possible public health problem. Apply 1 pint per acre in sufficient water to mist all areas including low underbrush, greatly areas, weeds, and ground surfaces and debris using enough spray volume to obtain thorough coverage, wealthy 40 to 100 gallons of water per arcs. ATTENTION: Do not allow public use of treated areas during application or until spray has dried See ENVIRONATENTAL HAZARIOS section.

INDOOR PEST CONTROL DIRECTIONS FOR APPLICATION IN NON-FOOD AREAS

Non-Lood areas Includes, Garbage Rooms, Levatones, Floor Drains (a server entries and vestibules) Offices, Locker Rooms, Machine Rooms, Boller Rooms, Garages, him Closets and storage (efter canning or bottling). Use the "Maintenance Sprey" rate (See Dilution Chart below) as a Spot Treatment by applying as a coarse spray or with a paint brush to areas where Cockroaches are normally found. Apply to baseboard areas, around water pipes, surfaces behind and beneath sinks, Lockers, Tables, Patiets, and similar areas where insects hide or through which they may enter. Do not let spray or mist contact food, feedebuffs and water supplies. Orshes and food handling equipment should be thoroughly weahed with soap and water if they have become contaminated with this product. Repeat treatment as needed for control Do not use in serving areas while food is exposed.

Use this product as a spot treatment for the control of Cockroaches, Arts, Crickets, Firebrats, Silverfish, Spiders, Fless, and Brown Dog Ticks in and around residential, institutional and commercial buildings, including homes, Aparthent Buildings, Hospitals, Riot to be used in the patient-occupied areas of hospitals), Stores, and Warehouses it may be used with water or a decidenced base off for a "Maintanance Spray" or Standard Strength Spray. Follow directions for control of peats listed and repeat as needed for control.

DILUTION CHART

To Make this amount of Spray

(Water or DecBase Oil)

1 Gallon

3 Gallons

5 Gallons

DILUTION CHART

Use this Amount of DURSBAN PLUS DICHLORVOS (DDVP)

For a Maintenance Spray

1 1/3 Fluid Ounces

2 2/3 Fluid Ounces

3 Gallons

1 3 1/3

1 3 1/3

The lower strength should be used as a maintenance spray white the standard strength spray should be used to quickly reduce heavy infestations of Cockrosches, Ants, Crickets, Firebrats, Silverfish and Spiders HOW TO APPLY: Apply as a coarse spray or with a paint brush to local areas where the above mentioned pests are found or normally occur, including dark comers of rooms, and closets, cracks and crevices in walls, along and other utility installations. For ANTS apply to ant traits, also around doors and windows, where these pests may find entry.

FOR BROWN DOG TICKS (DO NOT TREAT PETS WITH THIS PRODUCT). Apply as a spot treatment to infested areas such as pet's bedding and resting quarters, nearby cracks and crevices, along and behind baseboards, windows, and door feathers and other localized areas where pests may hide. Old pet, bedding should be removed and replaced with fresh clean bedding after treatment.

MAPORTANT Use as a SPOT TREATMENT ONLY FOR INDOOR PESTS. Do not use in poulby houses or other animal building. Do not allow children or pets to contact treated auritaces until spray has dried. Remove or cover fish bowls before spraying Test for damage to carpets & asphaltic bles first before applying to these surfaces.

FOR APPLICATION WITHIN FOOD AREAS.

FOOD AREAS APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY

Includes areas for receiving, storage, packing (canning, botting wrapping, boxing), adible waste storage and enclosed processing systems (mills, dafries, edible oits, syrups,) Serving areas (when food is exposed and facility is in operation) also would be considered a food area.

USE Standard Strength Spray and apply in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide directly into cracks and crevices, in points between different elements of construction, between equipment legs and bases where cock-paches hide. DO NOT use this product in conduits, motor housings and electrical switch boxes. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS
OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.
FLOZ = Fluid Ounces This is EPA corrected Version of 08-29-88 (. . 24 Accepts on 07-18-80