

1270-255

6/7/2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

1270-255

Date of Issuance:

June 7, 2001

Term of Issuance: Conditional

Name of Pesticide Product:

ZEP Flush 'N Kill DM

NOTICE OF PESTICIDE:

Registration

Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

ZEP Manufacturing Company
P.O. Box 2015
Atlanta, GA 30301

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A), provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. **Make the following labeling changes:**
 - a) Revise the EPA Registration Number to read "EPA Reg. No. 1270-ELL"
 - b) On page 4 under "Pests on Outside Surfaces of Buildings" please rewrite "Spray areas including (but are not limited to) screens, window frames, eaves, porches, patios, garages and refuse dumps" to read "Spray areas include screens, window frames, eaves, porches, patios, garages and refuse dumps". We regret that we did not note this in our earlier correspondence.

Signature of Approving Official:

Macy Lynn Keigwin
for GEORGE T. LAROCCA

Date:

June 7, 2001

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3. Please submit two (2) copies of your final printed label for before your release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Tracy Keigwin of my team at (703) 305-6605.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)

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BEFORE USING THIS PRODUCT, PLEASE READ THIS ENTIRE LABEL.

PROD. #

301A

ZEP FLUSH 'N KILL DM

For Household and Domestic Use

Contains DeltaGard™ Insecticide and Esbiol® Insecticide

Contains Deltamethrin and S-bioallethrin

Water-Based

Quick Killing Action and Residual Control

Rapid Knockdown Formula

Long-Lasting Control

For Indoor/Outdoor Use

Kills Fleas, Roaches, Ants, Spiders

Kills on Contact

Kills Hidden Bugs

Kills Bugs You See and Even the Ones You Don't See

Broad Spectrum Insect Control

Highly Effective Against Ants, Bees, Carpenter Ants, Carpet Beetles, Centipedes, Cockroaches, Crickets, Firebrats, Fleas, Flour Beetles, Grain Beetles, Ground Beetles, Mole Crickets, Moths, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders, Ticks, and other listed insects.

Recreational Vehicles, Cabins, Tents, And Similar Recreational Structures

No Oily Residue – No Unpleasant Odor

No Greasy Residue – Non-Staining

Won't Stain Carpets and Floors

Protects For Up to 4 Weeks

Keeps on killing for up to 4 weeks

Keeps on Killing

Not for use in commercial greenhouses, nurseries, on sod farms or grass grown for seed. Not for use in commercial food/feed handling establishments, restaurants or other sites where food is commercially prepared, processed or served.

ACTIVE INGREDIENTS:

S-Bioallethrin – 0.10%

Deltamethrin – 0.02%

OTHER INGREDIENTS: 99.88%

100.00%

DeltaGard is a trademark of AgrEvo Environmental Health, Inc.

Esbiol is a registered trademark of AgrEvo S. A.

EPA Reg. No. 1270-255

EPA Est. No. 1270-GA-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for First Aid and Additional Precautions

FIRST AID:

IF SWALLOWED: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor.

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUN - 7 2001

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

1270-255

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 IN EYES: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center 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.

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 contact 1-877-541-2016 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Harmful if inhaled. Avoid contact with eyes, skin, or clothing. Avoid breathing spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Remove pets, birds, and cover fish aquariums before spraying.

Environmental Hazards

This product is toxic to fish. Do not apply directly to water. This product is highly toxic to bees exposed 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 if bees are visiting the treatment area.

Physical or Chemical Hazards

Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not apply this product in or on electrical equipment due to the possibility of shock hazard.

DIRECTIONS FOR USE

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

This product works in two ways: 1) it kills bugs fast on contact; and 2) its residual action keeps on killing for up to 4 weeks after you spray. Contact kill gives you immediate results when spraying insects directly, while residual activity kills insects when they return to treated areas.

SHAKE WELL BEFORE EACH USE. Hold container upright. Do not spray up into air. Apply to surfaces only. Remove protective cap and direct spray away from face. Hold can 12 – 15 inches from surface being sprayed. Press button down and spray as directed. Spray surface until slightly wet.

This product will not stain surfaces or fabrics where water alone causes no damage.

This product is intended for use in and around residential structures and their immediate surroundings. Permitted areas for use include: apartments, atriums, attics, automobiles, basements, bathrooms, boats, cabins, campers, carports, cat sleeping quarters, clothes storage, condominiums, decks, dens, driveways, garages, gazebos, homes, kitchens, lanais, living rooms, parlors, patios, pet sleeping areas, play rooms, porches, recreational vehicles, rooms, solariums, storage areas, sun rooms, utility rooms, and verandahs.

INDOORS:

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For all indoor treatments, cover all food handling surfaces and remove all food and cooking utensils before application.

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Cockroaches (including adult and immature stages of both non-resistant and organophosphate and carbamate resistant strains), ants, booklice, boxelder bugs, centipedes, crickets, dermestids, firebrats, fleas, palmetto bugs, silverfish, sowbugs, ticks, and waterbugs: Apply thoroughly to all areas where these pests crawl and hide, especially in cracks and crevices, and hidden areas around sinks and storage areas, behind baseboards, around doors and windows, behind and under refrigerators, cabinets, sinks and stoves, the undersides of shelves, drawers, bookcases, and similar areas. Spray until the surface is just damp, but not to the point of run-off. Avoid excess application. When pests are driven out, spray directly.

[ROACHES: Spray in cracks and crevices, around baseboards and other hiding places until wet. Spray until the surface is just damp, but not to the point of run-off. Avoid excess application. When driven out, spray bugs directly.]

Ants: Spray around ant trails, doors and windows and other places where ants enter the house.

Carpenter Ants: For effective control, locate and treat nests and surrounding areas. Apply around doors and windows and other places where ants enter premises and where they crawl and hide. Spray into infested wood through existing openings.

Ticks and Fleas on Surfaces: Remove pet bedding and destroy or clean thoroughly. Spray pet resting quarters. Adult fleas and larvae contacted by spray will be killed. Put fresh bedding down once spray has dried. Do not spray animals directly. For best results, pets should be treated with an appropriate product before allowing them to return to the treated area. Spray rugs and carpets where infestations are bad. Delicate fabrics should be tested for staining in an inconspicuous area prior to use.

Spiders: Apply along and behind baseboards, to window and door frames, corners, pipes, storage localities, attics, crawl spaces and other areas over which these pests may crawl.

Centipedes, Ground Beetles, Pillbugs, Sowbugs, Scorpions, and Ticks: Apply around doors and windows and other places where these pests may enter premises. Treat baseboards, storage areas and other locations where these pests are found.

[SILVERFISH, CRICKETS, SPIDERS, EARWIGS; apply to areas infested by these pests or spray pests directly. Spray surfaces until wet.]

PANTRY PESTS: Grain Beetles (rusty, Merchant and Saw-toothed), Flour Beetles (Red and Confused), Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Files, Drugstore Beetles, Elmleaf Beetles, Rice Weevils, Lesser Grain Borers, Spider Beetles, and Tobacco Moths: Treat exposed states. Remove all foodstuffs, utensils and shelf paper from area to be treated. Discard used shelf paper and any infested foodstuffs. Apply spray to shelves and in cracks and crevices behind and under cupboard and cabinets. Spray until the surface is just damp, but not to the point of run-off. Avoid excess application. Allow spray to dry prior to replacement of shelf paper, food, and utensils.

Carpet Beetles (Black, Furniture, and Varied): Spray on and under edges of floor coverings, under rugs and furniture and in closets or other localities where these insects are found.

Webbing Clothes Moths: Use this product as a crack and crevice treatment in closets and other storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on clothes. Do not apply to clothing.

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OUTDOORS:

Point nozzle away from face. Hold can on a slight downward angle, approximately 12 – 15 inches from surface to be sprayed. For best results, spray when air is calm. Spray with wind if breeze is blowing.

PESTS ON OUTSIDE SURFACES OF BUILDINGS: For control of building infestation to ants, clover mites, crickets, and sowbugs (pillbugs). Spray foundation of building where insects are active and may find entrance up to a height of 2 to 3 feet. Apply as a residual spray to outside surfaces of buildings where insects tend to congregate. Spray areas including (but are not limited to) screens, window frames, eaves, porches, patios, garages and refuse dumps.

CRAWLING INSECTS: Ants, cockroaches (including Asian cockroaches), centipedes, crickets, mole crickets, water bugs, and silverfish. Spray infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs to repel ants. Spray anthills for best control.

ANTS: Spray around ant trails and hills. Spray around nests hidden under steps, brickwork, concrete, etc. Break apart accessible nests and spray on and around debris.

[ANTS: Spray ant trails and hills. If nest can be located, spray surface of nest until wet.]

Fire Ants: To treat mounds, use soil injector. To maximize distribution, insert injector into the mound full length, if possible. Inject the mound at 3 – 6 sites at a rate of 5 – 10 seconds of spray per site. For very large mounds (over 36 inches in diameter), increase the number of injection sites. Space injection sites in a circular pattern on the mound surface with one site in the center. To quiet active ants on the surface, sweep surface with spray from a distance of 18 inches. For best results, apply in cool weather or in early morning or late evening hours. Treat new mounds as they appear.

Lone Star Ticks, Dog Ticks, Crickets, Fleas, and Earwigs: Apply thoroughly to infestation in bushes, grass, or weeds.

Wasps, Mud Daubers, Hornets, and Bees: Spray nests and bees directly.

FLYING INSECTS: Houseflies, gnats, mosquitoes, and small flying moths: Use only on outdoor surfaces. Spray outside surfaces of window and door frames and other areas where these pests may enter the home. Also spray localized resting areas, such as under eaves, porches, surfaces around light fixtures and cords, railings, etc., where these insects may rest. Insects coming to rest on treated surfaces will be killed.

FOR THE CONTROL OF ORNAMENTAL GARDEN INSECTS: For use on roses, dahlias, asters, and other ornamentals to kill Japanese beetles hit by spray, as well as whiteflies, aphids, army worms, lace bugs, mealy bugs, exposed thrips, pavement ants, spiders, spider and red mites, clover mites, and leafminers.

May be used on plants, as well as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, delphiniums, dogwood, English ivy, euonymus, fuschia, geraniums, crassula, grape vine, Kentia palm, laurel, marigolds, rhododendrons, rubber plants, snapdragons, stocks, wandering Jews, and zinnias.

When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Spray in one-second bursts. Be cautious about wetting tender foliage, young plants, and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly whenever possible.

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STORAGE AND DISPOSAL:

Storage: Do not store near heat or open flame. Store in a cool, dry area away from children.

Container Disposal: Replace cap, wrap container in several layers of newspaper and discard in trash. Do not incinerate or puncture. Can may be disposed of with other recyclables where local law permits.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

NET CONTENTS: _____

ZEP MANUFACTURING COMPANY

Division of National Service Industries, Inc.

ATLANTA, GEORGIA 30301

CLEAN ACROSS AMERICA AND THROUGHOUT THE WORLD

This product is designed exclusively for industrial and institutional use by trained, professional maintenance personnel. Label directions and precautions must be followed exactly. Zep Manufacturing Company will not be responsible for any injury, loss, or damage, if product is used in any manner not in compliance with label directions, or, if precautions are not observed.

PRECAUCION

AL USARIO: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ámpliamente.

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)