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| US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75 767) WASHINGTON, DC 20460 | EPA REGISTRATION NUMBER | DATE OF ISSUANCE |
| | 34797-82 | 11-12-1990 |
| | TERM OF ISSUANCE | |
| NOTICE OF PESTICIDE REGISTRATION RENEWAL <i>Under the Federal Insecticide, Fungicide, and Rodenticide Act</i> | NAME OF PESTICIDE PRODUCT | |
| | | |

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Qualis, Inc.
 10000
 Dr. ...

166/1235001
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NOTE: Changes in labeling, formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 used by others.

At the end of the list of sites in ... areas of kennels" as a site.

1. ... handling establishments can imply use in U.S. ... of Agriculture (USDA) Meat and Poultry Plants. ... other add the statement "Not for Use in U.S. Meat and Poultry Plants," or submit an application to USDA requesting use in these areas. If granted, you can then indicate on the label that the product can be used in these areas.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL *[Signature]* DATE

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- e. Change the phrase "Active Ingredients" to the singular.
- f. Revise the paragraph beginning "Do not use in edible product areas . . ." as follows:

Do not use in food areas of food-handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.

- g. Under "Physical Hazards," add the statement "Do not use this product in or on electrical equipment due to the possibility of shock hazard."
- h. Under "bedbugs," add the statement "Allow all treated articles to thoroughly dry before use."
- i. The Environmental Hazards section does not include any statements regarding bees or cautions about spray drift or runoff. The Environmental Hazards statements should be changed to:

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

- j. Under "Treatment of Flying Insects' Resting Places, Mosquitoes, Gnats, etc." add:

Not to be used within 100 feet (30 meters) of water or wetlands.

- k. Add your company name and address to the product labels.

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- l. Change "Physical Hazards" to "Physical or Chemical Hazards."
- m. Expand the instructions for spraying/dipping dogs by adding the following statements:

Use rubber gloves. Wash in well ventilated area. Make sure hair is thoroughly wet to the skin. The area around the ears should be sponged thoroughly. Avoid contact of material with eyes and mouth of animal. Dipping should not exceed 30 seconds. Allow animal to dry in warm place without rinsing or toweling. Do not use on sick, old or debilitated animals.

- n. Add the following restrictions under "Directions for Use" for outdoor areas:

Do not allow spray treatment to drift on pasture land, cropland, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture.

- o. The Outdoor Use Areas heading plus a list of sites should precede the instructions for outdoor use. Currently they appear at the end of the instructions for indoor use which is correct.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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 constitutes acceptance of these conditions.

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

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

Enclosures

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**QUALIS INSECTICIDE
CONCENTRATE #4**

EPA Reg. No. 34797-
EPA Est. No. 34797-IA-3

For Use Outdoors and in Homes and Non-Food Areas of Kennels, Commercial Buildings, Institutions, Warehouses, Theaters, Office Buildings, Schools, Motels, Hotels, Restaurants and Food/Feed Processing Establishments.

Kills Gypsy Moth Caterpillars and Japanese Beetles.

ACTIVE INGREDIENTS:

| | |
|--|---------------|
| *Permethrin: (3-phenoxyphenyl) methyl (+/-) cis/trans 3-(2,2-dichloroethyl) 2,2-dimethyl cyclopropanecarboxylate | 10.0% |
| INERT INGREDIENTS | 90.0% |
| TOTAL: | 100.0% |

*Cis/trans ratio: Max. 85% (+/-) trans and min. 35% (+/-) cis.

Keep Out of Reach of Children
CAUTION
See rear panel for additional precautionary statements.

NET CONTENTS _____

BATCH _____

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DIRECTIONS FOR USE

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

To prepare dilutions, the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water and blend thoroughly. Do not hold dilutions for more than 24 hours.

For maximum effectiveness, a combination of localized application and space treatment is recommended. Remove pets, birds and cover fish aquariums before spraying.

Do not use in edible product areas of food/feed processing plants, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving area while food is exposed. **NON FOOD/FEED AREAS** including (but not limited to) garbage rooms, lavatories, floor drains (to sewers) entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage (after canning or bottling)

INDOOR USE AREAS

- BAKERIES
- BEVERAGE PLANTS
- CANNERIES
- FLOUR MILLS
- FOOD PROCESSING PLANTS
- GRAIN ELEVATORS
- GRANARIES
- HOMES
- HOSPITALS
- HOTELS
- INDUSTRIAL INSTALLATIONS

- KENNELS
- MEAT PACKING PLANTS
- MOTELS
- OFFICE BUILDINGS
- RAILROAD CARS
- RESTAURANTS
- SCHOOLS
- SHIPS' HOLDS
- SUPERMARKETS
- TRUCK TRAILERS
- WAREHOUSES

AS A SURFACE SPRAY: For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 10 parts water (13 fluid ounces per gallon).

For normal infestations dilute 1 part concentrate in 10 parts water (6.7 ounces per gallon).

TO CONTROL: Cockroaches, Waterbugs, Palmetto Bugs, Ants, Silverfish, Firebrats, Spiders, Crickets, Millipedes, Centipedes, Sowbugs, Pillbugs, Clover mites, Cheese mites, Granary weevils, Rice weevils, Confused flour beetles, Rust red flour beetles, Sawtoothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, mealworms, grain mites and cadellies: Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, and behind shelves and drawers. Spray bookcases for silverfish. Spray ant trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces applying at a rate of 1 gallon to 750 square feet of surface.

TREATMENT OF FLYING INSECTS' RESTING PLACES

To aid in control of:

- | | | | |
|------------|-------|-------|----------|
| Mosquitoes | Wasps | Gnats | Skippers |
|------------|-------|-------|----------|

Treat walls, ceilings, moldings, screens, door frames, window frames, beam, light cords and similar resting places using the above dilution of 1:10.

TO AID IN CONTROL OF: Mosquitoes, Wasps, Gnats, Skippers, treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places using the above dilution of 1:10.

TO CONTROL: Mosquitoes, Gnats, Small Flying Moths: For best results,

use truck mounted equipment and approximately 5 miles per hour. Spray will be carried across the area to be treated where employees may rest. Dilute and apply at a rate of 2.5 parts per acre. Truck mounted conventional misting 51C, 91 or 100 HT traveling at 5 m.p.h. equipment to deliver 0.95 gallon per acre. Do not allow open water be treated with this product.

FOR TEMPORARY REDUCTION OF PESTS:

From: Flies, Gnats, Mosquitoes
In drive-in restaurants, drive-in theaters, playgrounds and other recreational areas. Apply at a rate of 2.5 parts per acre. (3.2 fluid ounces per gallon) to grass, shrubby and around lawns. Apply while the air is still and avoid people made prior to use. Repeat as necessary.

In the treatment of curials, feedlots, exposed water, drinking fountains and the area with mist and direct the spray on lawns where the above pests may be present and avoid wetting foliage. In zoos, use product. Repeat as necessary.

To kill gypsy moth caterpillars and Eastern and forest tent caterpillars: Apply 1 part concentrate per 1 gallon of water on upper and lower surfaces.

On Trees and Shrubs: Treat trees and shrubs (late spring) Treat lawns making sure to penetrate every 7 days as necessary.

On Roses and Flower Gardens: Treat plants and flowers (late spring) Repeat application.

TO CONTROL: Carpet beetles, spider carpeting and rugs. Make localized spray directly into cracks, closets and treatment as needed.

TO CONTROL: Bedbugs, spray mattress and seams. Take beds apart and spray moldings and floors. Repeat treatment.

TO CONTROL: Fleas and ticks (ad infested areas, pet beris, resting quarters along and behind baseboards, make localized areas of floor and floor cover in animal quarters following treatment obtain protection against reinfestation parts water (6.7 fluid ounces per 1 gallon) spraying. **DO NOT TREAT PUPPIES**

AS A SPACE SPRAY: Dilute at a rate of 1 part concentrate in 10 parts water (6.7 fluid ounces per gallon). Apply equipment (non-thermal) adjusted to spray windows and shut off ventilating system: fruit flies, gnats, mosquitoes, silverfish, black flies, Angoumois grain moth

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an upward angle distributing it uniformly through the entire area at a rate of 1 ounce per 1000 cubic feet of space. Keep area closed for at least 10 minutes. Vacate areas after treatment and ventilate and sweep up dead insects before reoccupying.

For rapid kill of exposed or accessible stages of other insects named on this label, dilute 1 part concentrate in 19 parts water (8.7 ounces per gallon). Apply using conventional, mechanical or compressed air equipment (non-thermal), following directions for space spraying. Apply the above dilutions at a rate of 1 ounce per 1000 cubic feet of space.

OUTDOOR USE AREAS

- Corrals
- Drive-In
- Restaurants
- Feedlots
- Golfers
- Golf Courses
- Parks
- Playgrounds
- Recreational Areas
- Urban Areas
- Zoos

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE AND SPILL PROCEDURES: Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved State and local procedures.

CONTAINERS ONE GALLON AND SMALLER: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

CONTAINERS LARGER THAN ONE GALLON: 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. Plastic Containers — Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke. Glass Containers — Triple rinse or equivalent. Then dispose of in a sanitary landfill or by other approved State and local procedures.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Remove and wash clothing before reuse. Avoid contamination of food and feed.

Wear full-faced gas mask with canister type recommended for general insecticide protection for applying indoors as a space spray or fog.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Contact a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

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

IF ON SKIN: Remove contaminated clothing and wash affected areas with plenty of soap and water.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL HAZARDS

Do not use or store near heat or open flame.

Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

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