

DIONNE

INSECTICIDE SPRAY CONCENTRATE

FOR USE IN FOOD PROCESSING AND STORAGE, MUSHROOM HOUSES, HOSPITALS, HOTELS, MOTELS, RESTAURANTS, OTHER INSTITUTIONS AND IN RESIDENCES.

Authorized for use in all departments of official establishments operating under the meat, poultry, shell egg grading and egg products inspection programs of U.S.D.A.

PROVIDES RAPID KILL OF INSECTS WITHOUT LEAVING OBJECTIONABLE RESIDUES.

Food additive tolerances have been established for the insecticide components in this product. When this product is used as directed, allowable tolerance levels will not be exceeded.

Kills Gypsy Moth Caterpillars and Japanese Beetles

ACTIVE INGREDIENTS:

Pyrethrins	3.0%
*Piperonyl Butoxide, Technical.	30.0%
Petroleum Distillate	12.0%
INERT INGREDIENTS:	55.0%
	100.0%

*Equivalent to 24% (butylcarbityl)(6-propyl-piperonyl)ether and 6% related compounds.

PYRENONE - Registered Trademark of Fairfield American Corporation.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**
See reverse side for additional precautions

EPA Reg. No. 34797 EPA Est. No. 34797-1A-03

DIRECTIONS FOR USE

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

NET CONTENTS _____

Manufactured by:
Qualis Inc.
Des Moines, Iowa 50321

To prepare dilutions the concentrate should first be stirred or agitated well. Add the required amount of concentrate to water and blend thoroughly. This will produce a stable micro-emulsion.

For maximum effectiveness, a combination of localized surface application and space treatment is recommended.

AS A SURFACE SPRAY: For initial clean up of severe insect infestation, dilute at a rate of 1 part concentrate in 14 parts water (8.5 fluid ounces per gallon). This dilution may not be used in edible product areas of Federally inspected meat and poultry plants. In these plants and for normal infestations dilute 1 part concentrate in 29 parts water (4.3 ounces per gallon).

To control cockroaches, ants, silverfish, spiders, crickets, clover mites, cheese mites, granary weevils, rice weevils, confused flour beetles, rust red flour beetles, sawtoothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, meal worms, grain mites and caddisflies: 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, 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.

To control carpet beetles, spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving. Repeat treatment as needed.

To control bedbugs: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment as needed.

BATCH _____

SEE REVERSE SIDE

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ACCEPTED
AUG 1984
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To control fleas, and brown dog ticks: Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames and localized areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. To kill fleas and ticks on cats and dogs, and to obtain protection against reinfestation, dilute at 1 part concentrate to 49 parts water (2.5 fluid ounces per 1 gallon) and wet the animal by dipping or spraying.

AS A SPACE SPRAY: Dilute at a rate of 1 part concentrate to 59 parts water (2 fluid ounces per gallon). Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems. For rapid control of adult house flies, fruit flies, gnats, mosquitoes, skipper flies, wasps, hornets, Angoumois grain moths, Mediterranean flour moths, Indian meal moths, and tobacco moths: Direct spray at 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. 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 5 - 29 parts water (4 to 25 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 from 1 to 10 ounces per 1000 cubic feet of space. When used in meat and poultry processing plants, a dilution of no less than 1 to 5 is acceptable and it must be dispersed from equipment adjusted to deliver an aerosol spray (no droplets over 50 microns in diameter and 80% less than 30 microns).

IN MUSHROOM PRODUCTION AND PROCESSING. To control adult mushroom flies, or fungus gnats, Phoridae, Sciarae, and Cecidomyiids in growing houses. Dilute 1 part concentrate in 5 parts water (21.3 fluid ounces per gallon). Using mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist, apply at a rate of 1 ounce per 1000 cubic feet of space. Fogger should be operated 8 to 10 feet away from beds and directed slightly upward over them. Circulating fans should be left in operation, but for best results refrigeration should be turned off. In packing and canning plants use at a rate of 1 ounce to 2000 cubic feet of space.

JUTDOORS: To kill gypsy moth caterpillar and adults, adult Japanese beetles and Eastern and Forest tent caterpillars on contact: combine 1.0 fluid ounce of concentrate per 1 gallon of water. Apply to insure thorough coverage of upper and lower surfaces.

On Trees and Shrubs: Treat trees and shrubs as soon as insects emerge (usually late spring). Treat leaves, branches and tree trunks evenly, making sure to penetrate dense foliage. Repeat application every 7 days as necessary for control.

On Roses and in Flower Gardens: Treat plants and flowers as soon as insects appear. Spray plants and flowers making sure to penetrate dense foliage. Repeat application every 7 days or as necessary for control.

DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE AND SPILL PROCEDURES
 Store upright at room temperatures. 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.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin and eyes. In case of contact, immediately flush eyes or skin with plenty of water. Obtain medical attention if irritation persists. If swallowed, do not induce vomiting. Call a physician immediately.

Do not apply directly to food. In commercial food handling facilities, cover or remove any food and food processing equipment during application. Do not apply while food processing is under way. After space spraying in meat packing plants, bakeries, and other food processing plants, wash with potable water all equipment, benches, shelving, etc., where exposed food will be handled. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Remove pets and birds, and cover fish aquariums before spraying.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to lakes, streams, ponds, tidal marshes, and estuaries. Do not contaminate water by cleaning of equipment or disposal of wastes.

CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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

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U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (BH-567)
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

NOTICE OF PESTICIDE: REGISTRATION
 REREISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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 covered by others.

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ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE