

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

34-259-01

DATE OF ISSUANCE

DEC 29 1989

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

NOTICE OF PESTICIDE:  REGISTRATION  
 REREГИSTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (include ZIP code)

160-226972  
181  
1

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.

Phil Hutton  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

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Enclosures

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

12/21/89

P1117

36488-43

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JAPANESE BEETLE ATTACK  
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FRONT PANEL

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Product No. 188

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**TIMED-RELEASE  
NATURAL PYRETHRUM**

Propellant-free mist (or ~~Ready-to-Use Spray~~ on sizes 16 oz. and larger)  
kills & repels  
insects on  
foliage  
and treated surfaces.

**JAPANESE BEETLE**

**ATTACK (R)**

36488-43

LOGO, REUTER

AUTOMATIC MISTER

(12 oz. & smaller sizes,  
or "Non-Clog Sprayer" for  
for 16 oz. & larger sizes)

**ACTIVE INGREDIENTS:**

Pyrethrins . . . . .	0.11%
*Piperonyl Butoxide, Technical. . . . .	0.22%
N-Octyl Bicycloheptene Dicarboxiside . . . . .	0.37%

**INERT INGREDIENTS:**

Petroleum Distillate . . . . .	0.45%
Other Inerts . . . . .	98.85%
	100.00%

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\*Equivalent to 0.18% (butylcyclohexyl)(6-propylpiperonyl)  
ether and to 0.04% related compounds.

Keep out of reach of children.

**CAUTION**

(See back panel for additional precautionary statements.)

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Net Contents - 7 fl.oz. (207ml)  
or 9 fl.oz. (266ml),  
or 12 fl.oz. (354ml),  
or 16 fl.oz. (473ml),  
or 22 fl.oz. (650ml),  
or 64 fl.oz. (1/2gal),  
or 128 fl.oz. (1 gal)

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**JAPANESE BEETLE ATTACK<sup>(R)</sup>**

**SHAKE WELL BEFORE USING.**

Sprays in any position.

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Product can be applied as a spot treatment, directly on insects, or on ornamental foliage, or as a **GENERAL SURFACE SPRAY** to kill or repel insect pests.

Japanese Beetle Attack is a special formulation of **NATURAL PYRETHROM** in timed-release microcapsules. When the spray dries, the killing and repellent activities of pyrethrum are slowly released from the microcapsules. On interior surfaces the period of release lasts up to 30 days; on foliage the rate of release varies with environmental conditions so retreatments may be required at more frequent intervals.

**FOR EXTENDED CONTROL OF JAPANESE BEETLES AND OTHER FOLIAGE PESTS, SUCH AS:**

Ants	Flea beetles	Rose slugs
Aphids	Grasshoppers	Scales
Aster beetles	Lace bugs	Spider mites
Bagworms	Leafhoppers	Stink bugs
Blister beetles	Mealy bugs	White flies
Cabbage worms	Periodical cicadas	
Caterpillars	Plant bugs	
Earwigs	Rose aphids	
	Rose chafers	

**INDOORS & OUTDOORS, ON THE FOLIAGE OF THESE ORNAMENTAL PLANTS:**

African violets	Daisy	Lilac	Pine
Ageratum	Dianthus	Linden	Poplar
Alyssum	Dogwood	Malus	Pyracantha
Aster	Eucryssus	Maple	Red bud
Azalea	Fern	Marigold	Rhododendrum
Begonia	Flowering Almond	Nandia	Rose
Birch	Gardenia	Oleander	Sassafras
Cactus	Geranium	Orchid	Shade Trees
Calendula	Hydrangea	Ornamental	Snapdragons
Camelia	Ilex	Evergreens	Spruce
Carnations	Impatiens	Ornamental	Sweet Peas
Chrysanthemum	Ivy	Fruit Trees	Verbena
Crape myrtle	Jade Plant	Pachysandra	Zinnia
Dahlia	Juniper	Petunia	

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(JAPAN B BEETLE ATTACK, cont. d)

For Indoor Uses in Homes, Interior Plantscapes, Greenhouses and Garden Centers, on Ornamentals, Potted and Flowering Plants or Cut Flowers, treat at the rate of 7 (or 9, 12, 16, 22, 64, or 128) fl.oz. per 100 sq.ft. for light insect infestations or 7 (or 9, 12, 16, 22, 64, or 128) fl.oz. per 50 (or 65, 85, 110, 160, 400, or 900) sq.ft. for heavy infestations. Higher dosage rates may be required for plantings taller than 2 ft. Foliage should be misted lightly; if product begins to wet foliage to point of run-off, then application is too heavy. Move automatic mister in sweeping motion at distance of 18-24 inches from foliage to obtain maximum coverage. Retreat weekly if pests reappear.

For Outdoor Uses in Landscape Plantings and Nurseries on Potted and Flowering Plants, Bedding Plants, Ornamental Plants, Shrubs and Trees, treat foliage in early morning or evening when air is still. For spot treatments apply product to localized insect infestations; for general infestations apply at rate of 7 (or 9, 12, 16, 22, 64 or 128) fl.oz. per 30 (or 38, 50, 70, 95, 275, or 550) row feet of plantings. Hold Automatic Mister 18-24 inches from foliage and move in sweeping motions. If product wets foliage to point of run-off, it is being applied too heavily. Retreat foliage weekly to maintain repellent activity against Japanese beetles, periodical cicadas and other insect pests. Retreatment may also be required after heavy thunder-showers.

**WARNING:** Do not treat outdoor flowers frequented by honey bees as they may pick up the encapsulated pyrethrum and carry it back to their hives.

FOR THE FOLLOWING GENERAL CONTROL TREATMENTS, APPROVED USE AREAS INCLUDE:

Homes	Industrial Installations	Meat Packing Plants*
Hotels & Motels	Storage Buildings	Dairies
Office Buildings	Warehouses	Milk Rooms
Schools	Restaurants	Cattle Barns
Auditoriums	Supermarkets	Horse Barns
Theaters	Bakeries	Loafing Sheds
Hospitals	Beverage Plants	Poultry & Hog Operations
Nursing Homes	Canneries	Stables
Airplanes	Flour Mills	
Automobiles	Food Processing Areas	Kennels
Railroad Cars	Food Storage Areas	Museums
Ships	Grain Mills	Zoos
Truck Trailers		

\*Authorized for use in Federally Inspected meat and poultry plants.

FOR EXTENDED CONTROL OF CRAWLING INSECT PESTS (crickets, cockroaches, silverfish, firebrats, spiders, beetles, waterbugs and centipedes): Direct mist to surfaces where these pests are found such as baseboards, storage areas, closets; around water pipes, doors and windows; behind and under refrigerators, cabinets, sinks, stoves and similar areas. Spray directly on pests where possible. Repeat treatment as necessary.

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FOR EXTENDED CONTROL OF FLYING INSECT PESTS (flies, including house flies, horn flies and stable flies, moths and gnats): Treat resting areas such as light fixtures, ceilings, upper parts of walls, around windows, doors and screens (inside and out), and other surfaces where these pests first appear and repeat every 30 days or at weekly intervals when pest numbers are high. Spray garbage containers as needed to control breeding house flies.

FOR EXTENDED CONTROL OF PANTRY OR STORED-PRODUCT PESTS (granary weevils, rice weevils, confused flour beetles, red flour beetles, saw-toothed grain beetles, cigarette beetles, drugstore beetles, dermestid beetles, Indian meal moths, Angoumois grain moths, Mediterranean flour moths, grain mites, dried fruit beetles, cadalles and mealworms): Spray exposed surfaces in areas where these pests are found.

In Non-food Areas, treat garbage storage areas, lavatories, garages, general areas of the home, basements, closets and storage areas. Spray along baseboards, around water pipes, surfaces behind and underneath sinks, tables, cabinets, shelves and other areas where insects hide or through which they may enter.

In Food Areas, remove or cover food in immediate area during treatment. All food contact surfaces and cooking utensils in immediate area should be covered during treatment or thoroughly cleaned before using. Discard all insect-infested food containers and thoroughly clean inside of storage areas (closets, cabinets, shelves). Use a vacuum cleaner to remove all dry food spills and residues from cracks and crevices. Seal vacuum bag and discard. Apply spray to all exposed surfaces before returning closed food containers for storage.

FOR EXTENDED INDOOR CONTROL OF ANTS: Spray onto nests, trails, around points of entry and around containers of stored food. Remove or cover food in immediate area during treatment. Cover all food contact areas and cooking utensils during treatment or thoroughly clean before using. Spray directly on ants where possible.

FOR OUTDOOR CONTROL OF ANTS: Thoroughly wet hills and trails in areas around homes such as patios, driveways, around foundations and adjacent areas of lawns and ornamental or non-crop plantings.

FOR EXTENDED CONTROL OF FLEAS: Thoroughly vacuum all carpeting, upholstered furniture, along baseboards, under furniture and in closets. Seal vacuum cleaner bag and dispose. Mop hard floors. Replace pet bedding. Spray all floors, resting areas and other areas your pet frequents. Repeat application after 30 days or as needed. Do not apply directly to pets.

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TO OPERATE, hold spray head 18-24 inches from surface and spray with a smooth back-and-forth motion. This (7, 9, 12, 16, 22, 64 or 128) fl.oz. mister (sprayer) treats 55 (70, 95, 125, 170, 500 or 1,000) sq.ft. If product begins to run or leave pools you are spraying too heavily. Japanese Beetle Attack will not damage surfaces which are unaffected by water.

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**PRECAUTIONARY STATEMENTS:  
CAUTION**

Hazards to Humans and Domestic Animals: Avoid contact with eyes. Avoid breathing spray mist. Keep container closed when not in use.

Environmental Hazards: This pesticide is toxic to fish. Cover or remove fish bowls and aquaria. May be used in food areas; but food, contact food surfaces, and cooking utensils should be removed or covered during treatment or thoroughly cleaned before using.

**STATEMENT OF PRACTICAL TREATMENT**

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

IF IN EYES: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

**STORAGE AND DISPOSAL:**

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

Storage: Store in a cool dry place away from heat or open flame and inaccessible to children. Do not store below 32°F. If exposed to temperatures below 32°F, thaw completely and shake well before using.

Used Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Empty Container Disposal: Container cannot be reused. Wrap in several layers of newspaper and discard in trash.

**NOTICE:** Reuter Laboratories makes no warranty, expressed or implied, for any purpose other than those contained on this label.

UPC CODE

Manufactured in USA for  
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Natural Pest Controls that Work. (®)

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