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499-247

3/17/88

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 499-247	DATE OF ISSUANCE 1 MAR 1988
	TERM OF ISSUANCE	
NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT Whitmire X-Clude PT 1600 P	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Whitmire Research Labs., Inc.
 3568 Tree Court Industrial Boulevard
 St. Louis, MO 63122

361	112333
18	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.

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

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 499-247" to your label before you release the product for shipment.
3. Within 60 days of the date stamped on this letter submit a Confidential Statement of Formula with appropriate ranges in the certified limits for piperonyl butoxide and MGK 264. Acceptable ranges would be nominal concentration \pm 5% of nominal concentration. See the enclosure "Guide For Filling Out The Confidential Statement Of Formula Correctly."
4. 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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: *See page 2*

DATE:

10633:I:Schroeder:C.Disk:KENCO:2/4/88:DD:LF:SG:CB

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.

Sincerely yours,



Phil Hutton
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

Telephone call 2/26/88
Michael Karli will remove
non-ornamental foliage
sects (Colorado Potato Beetle,
cigarette beetle, Druggstore
Beetle, Western Melon Beetle,
and Tomaphis) from
the label. PHS

ACCEPTED
WITH COMMENTS
in EPA Letter #108
1 MAR 1988

Whitmire
X-Clude*
Encapsulated
Natural Pyrethrum
PT 1600 P

Under EPA Registration
Number 499-247-1
as an Insecticide
registered under EPA Reg. No.

499-247

Time Release Insecticide
Foliage Spray

Kills and Repels: Ants, Aphids, Beetles (Aster Beetles, Blister Beetles, Cigarette Beetles, Colorado Potato Beetles, Cucumber Beetles, Drugstore Beetles, Flea Beetles, Japanese Beetles, Rose Chafers, Trogaderma, Watermelon Beetles, Weevils) Caterpillars (Cabbage Worms, Rose Slugs, Hornworms) Centipedes, Cockroaches, Crickets, Flies, Fungus Gnats, Gnats, House Flies, Leafhoppers, Mealy Bugs, Moths, Rose Aphids, Scales, Spider Mites, Spiders, Stink Bugs, Tarnished Plant Bugs, and White Flies.

May be used on: Potted and Flowering Plants, Foliage, Bedding Plants, Cut Flowers and Ornamentals.

Active Ingredients:

Pyrethrins	0.100%
* Piperonyl Butoxide	0.200%
N-Octyl Bicycloheptene Dicarboximide	0.337%
Inert Ingredients	99.363%
*Equivalent to 0.16% (butylcarbityl) (6-Propylpiperonyl) Ether and 0.04% of related compounds.	

EPA Reg. No. 499-

EPA Est. No. 499-MO-1

KEEP OUT OF REACH OF CHILDREN
CAUTION

STATEMENT OF PRACTICAL TREATMENT

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

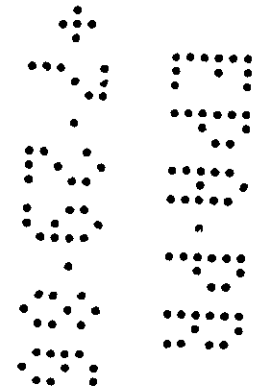
IF SWALLOWED: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

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

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

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

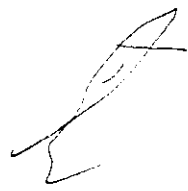
Net Contents



X-Clude Timed Release Pyrethrum
SHAKE WELL BEFORE USING

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC
ANIMALS

CAUTION: Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. In case of contact flush eyes or skin with water. Wash thoroughly after using and before smoking or eating. Avoid contamination of food, utensils and food preparation areas. Food should be removed or covered before treatment. All food contacting surfaces and cooking utensils should be covered during treatment or thoroughly cleaned before use.



Remove pets and birds and cover aquariums before using.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and birds. Do not apply directly to water. Keep out of lakes, streams and ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL OR CHEMICAL HAZARDS: Do not store below 32 F. Do not spray where electrical short circuits might result, such as wall outlets, conduits, motors, switches, etc. Do not spray directly into any electronic equipment such as radios, televisions, computers, telephones, etc.

SPECIAL NOTICE: Do not use PT 1600A in greenhouses with unvented or defective gas heating systems or when open combustions exist.

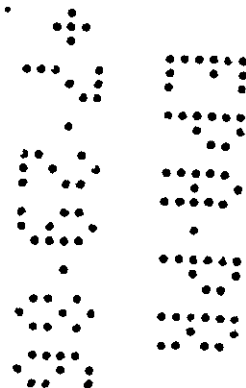
ADDITIONAL WARNINGS: This product has demonstrated excellent plant safety; however, all varieties of the plants listed have not been tested. When treating large numbers of plants of a single variety, spray a few plants and observe for phytotoxicity prior to full scale application.

Plants in bloom should not be treated since petal damage may occur.

SHAKE WELL BEFORE USING
DIRECTIONS FOR USE

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

For individual plants and localized infestations: Spray light mist on upper and lower leaf surfaces at a distance of 18-24 inches away from foliage. Avoid wetting foliage with spray. Repeat application as necessary.



FOR USE ON BUT NOT LIMITED TO:

African Violets, Agapanthus, Ageratum, Aluminum Plant, Alyssum, Arrowhead, Aster, Azalea, Begonia, Bird's Nest Fern, Blue Spruce, Boston Fern, Bottlebrush, Cactus, Calendula, Camelia, Carnations, Celosia Jewel Box, Chrysanthemum, Cockscomb, Coleus, Cottonester, Crape Myrtle, Croton, Dahlia, Daisy, Dianthus, Dogwood, Dusty Miller, Dwarf Lilac, Escalonia, Euonymus, Flat Topped Sedum, Floss Flower, Friendship Plant, Gardenia, Gazinia, Geranium, Golddust, Honeysuckle, Hydrangea, Ilex, Impatiens, Ivy, Jade Plant (Crassula), Japanese Arelia, Juniper, Leucothoe, Lilac, Malus, Maranta, Marigold, Mock Orange, Mugho Pine, Nandia, Oleander, Orchid, Ornamental Evergreens, Osmanthus, Pachysandra, Periwinkle, Petunia, Pfitzer Juniper, Photinia, Pineapple Guava, Pittosporum, Podocarpus, Primrose, Privit, Pyracantha, Raphiolepis, Rhododendron, Rose, Salvia, Sansevierla, Scarlet Sage, Snake Plant, Snapdragon, Soft Maple, Spider Plant, Star Jasmine, Strawflower, Swedish Ivy, Sweet Pea, Tahitian Bridal Veil, Velvet Plant (Gynura), Verbena, Virvia, Wandering Jew, Wax Plant, Zinnia.

DO NOT USE ON Cyclamen and Nasturtium

Storage and Disposal

Storage: Store in a cool area away from heat or open flame and inaccessible to children. Store in original container only.

Disposal: Do not reuse container. Rinse thoroughly, wrap in newspaper and discard in trash.

Whitmire Research Laboratories, Inc.
St. Louis, Missouri 63122

Tradename pending

