

JUN 27 2003

Ms. Janice K. Sharp, Ph.D.
Regulatory Manager, ESD
VALENT BIOSCIENCES CORPORATION
870 Technology Way
Libertyville, IL 60048

Dear Dr. Sharp:

This is in response to your request dated May 28, 2003 to change the primary brand name for **EPA Registration 73049-369** from InterCept H&G Ready-To-Use Insect Control to:

PERMANONE 0.2% RTU H & G INSECT CONTROL

Your request for the name change is **accepted** and the change will be made to the Agency's records. All future correspondence on this product should reference the new name.

Sincerely yours,

/s/

Sherada D. Hobgood
Notifications Review Coordinator
Registration Division (7505C)

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United States
Environmental Protection Agency
Washington, DC 20460

 Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 73049-369	2. EPA Product Manager George LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) InterCept H&G Ready-To-Use Insect Control	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) Valent BioSciences Corporation 870 Technology Way, Suite 100 Libertyville, IL 60048 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: NOTIFICATION EPA Reg. No. _____ Product Name JUN 27 2003	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR 152-46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

NOTIFICATION OF CHANGE OF PRIMARY BRAND NAME TO: Permanone 0.2% RTU H & G Insect Control PER PR NOTICE 98-10

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No			<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Janice K. Sharp, Ph.D.	Title Regulatory Manager, ESD	Telephone No. (Include Area Code) (847) 968-4844
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Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Regulatory Manager, ESD	
4. Typed Name Janice K. Sharp, Ph.D.	5. Date May 28, 2003	

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NOTIFICATION
JUN 27 2003

Permanone® 0.2% RTU H & G Insect Control

- *READY-TO-USE.*
- *IT'S THE LEAST YOU CAN DO FOR YOUR GARDEN.*
- *EASY TO USE.*
- *FOR USE ON PLANTS.*
- *GENTLE TO MOST PLANTS.*
- *SAFE TO USE ON OVER 60 VARIETIES OF ORNAMENTALS*.*
- *FOR CONTROL OF VEGETABLE PESTS.*
- *CONTROLS MOST ORNAMENTAL PESTS.*
- *CONTROLS MOST GARDEN INSECT PESTS.*
- *USE INDOORS AND OUTDOORS.*
- *FOR USE IN AND AROUND THE HOME.*
- *FOR CONTROL OF VARIOUS PLANT PESTS.*
- *FOR PLANT PEST CONTROL.*
- *WATER-BASED. NO UNPLEASANT ODOR.*
- *USE AROUND BUILDINGS, HOMES, FLOWER AND VEGETABLE GARDENS, AND ON FRUIT, NUT AND ORNAMENTAL TREES.*

* When Used According to label instructions.

ACTIVE INGREDIENT:
 Permethrin 0.02 %
OTHER INGREDIENTS: 99.98 %
 100.00 %

EPA REG. NO. 73049-369

EPA EST. NO.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Additional Precautionary Statements

Net Contents:

In case of *Medical* emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-877-315-9819.

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals

CAUTION

Wash thoroughly after handling and before smoking or eating. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before spraying. Do not use on humans. Do not allow children or pets to contact treated areas until surfaces are dry.

Environmental Hazards

This product is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water.

DIRECTIONS FOR USE

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

For use in and around the home. Turn nozzle to spray position, point away from face and squeeze trigger to spray.

INDOOR USES

INDOOR PLANTS: Use sufficient spray to obtain full coverage of all foliage. Adjust the amount of spray volume used to the size of the plant(s) being treated.

To protect plants in indoor landscaping - Spray directly on insects to kill *leafrollers, armyworms, cutworms, cabbage worms* on chrysanthemums; *fungus gnats* on velvet plants. Spray as directed above to control *aphids, armyworms, corn earworms, fall cankerworms, inchworms, Japanese beetles, leafminers, leafrollers, mealybugs, scale crawlers, spring cankerworms and exposed thrips* on the following plants.

- | | |
|-----------------|-------------------|
| Ageratum | Lily |
| Ardisia | Marigold |
| Aster | Orchid |
| Azalca | Palm |
| Baby's breath | Pansy |
| Begonia | Peperomia |
| Birds-nest fern | Petunia |
| Bleeding Heart | Philodendron |
| Carnation | Piggy-back Plant |
| Chrysanthemum | Poinsettia |
| Coleus | Portulaca |
| Crown of thorns | Pothos |
| Cockscomb | Prayer Plant |
| Cyclamen | Purple Passion |
| Dracaena | Rabbits foot fern |
| Dumbcane | Rose |
| English Ivy | Schefflera |
| Fuchsia | Snapdragon |
| Gladiolus | Snake Plant |
| Grape Ivy | Statice |
| Hypoestes | Velvet Plant |
| Ivy | Verbena |
| Juniper | Zinnia |

If application is made indoors, remove infested plants from living area prior to application. Spray plants in an area not likely to be occupied by children or pets (particularly fish). When leaves dry, plants can be returned to original location.

Use with care on ferns, palms and fuchsia. As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars and therefore, a wide variety of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours and check for possible injury.

Repeat applications may be necessary to control citrus blackflies on nonbearing citrus and adult Japanese beetles on roses.

OUTDOOR USES

PESTS ON THE OUTDOOR SURFACE OF BUILDINGS: To temporarily control *houseflies, mosquitoes, cluster flies, gnats, flying moths*. For outdoor use only as an aid in reducing annoyance from these insects. Spray pests on outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages, and other places where these insects alight or congregate. Repeat as necessary.

OUTDOOR ORNAMENTALS: Spray upper and lower leaf surfaces. Use sufficient spray to obtain full coverage of all foliage, but do not spray to the point of runoff. Adjust the amount of spray volume used to the size of the plant(s) being treated. Do not spray plants when temperatures exceed 90°F. Contact insects directly whenever possible. Repeat treatment as needed.

Controls *aphids, cicadas, corn earworms, fall cankerworms, inchworms, leafminers, leafrollers, mealybugs, bagworms, spider mites, exposed thrips* and *whitefly* on the following plants:

Ageratum	Gladiolus	Pea Shrub
Arizona Cypress	Gold Bells	Petunia
Aster	Hypoestes	Philodendron
Azalea	Ivy	Poinsettia
Begonia	Lilac	Rhododendron
Coleus	Marigold	Rose
Common Ninebark	Mock Orange	Snapdragon
Common Snowberry	Nannyberry	Taxus Plant
Exacum	Orchid	Weeping Fig
Euonymous	Wax Palm	Zinnia
English Ivy	Pansy	

May also be used on such plants as African violets, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwoods, fuschia, geraniums, crassula, grape vines (ornamental), laurels, stocks and wandering Jews.

ORNAMENTAL TREES AROUND THE HOME: Use sufficient spray to obtain full coverage of all foliage. Avoid heavy wetting. Use to control: *pine moths, pine needle miners, pine beetles* and *needle scales* on pine; *budworms* on conifers, *oakworms* on oak; *fall webworms* on cherry, elm and honeysuckle; *aphids* on tulip poplar; *citrus black flies* on non-bearing citrus; *tussock moths* on Douglas and grand firs; *Leafminers* on birch; *elm leaf beetle* and *elm spanworms* on elms.

FOR HOME VEGETABLE GARDENS: Spray upper and lower leaf surface. Use sufficient spray to obtain full coverage of all foliage, but do not spray to the point of runoff. Apply no more than 13 ounces over 100 linear feet of row, (13 ounces per 100 square feet).

Vegetable	Target Pests	Use Directions
Asparagus (pre-harvest)	cutworms asparagus beetle	Spray plants as needed to ensure uniform coverage. Do not apply more than 4 applications per crop. Can be applied up to 3 days prior to harvest.
(post-harvest)	larval stages of asparagus beetle; tarnished plant bug; lygus bugs and adult Japanese beetle.	Treat ferns or bush growth after spear harvest when insects are present.
Celery - see Leafy Vegetables.		
Cole Crops: Broccoli, Brussels Sprouts, Cabbage, Cauliflower,	beet armyworm; diamond back moth; imported cabbageworm; cabbage aphid, cabbage-looper.	Apply every 5 days or as needed. Can be applied up to one day prior to harvest. Do not make more than 8 applications on Cauliflower, Brussels Sprouts, and Broccoli and 10 applications on cabbage.
Corn - see Sweet Corn		
Cucurbits: Balsam pear (bitter melon), Chinese waxgourd (Chinese	aphids, cabbage looper, cucumber beetle (adults), cutworms.	Spray plants as needed to ensure uniform coverage. Do not make more than 8 applica-



melon),
citron melon, cucumber,
gherkin, edible gourds;
melons including
hybrids such as
cantaloupe, casaba,
crenshaw, honeydew,
honey balls, mango
melon, muskmelon,
Persian melon, pumpkin,
summer & winter
squash, watermelon

leafhoppers,
leafminers,
melonworm,
pickleworm,
plant bugs,
squash bugs.

tions per crop. Can be
applied up to the day
of harvest.

Eggplant

Colorado potato
beetle, vegetable
leaf miner

Spray plants as needed
to ensure uniform
coverage. Do not exceed
16 applications. Can be
applied up to 3 days
prior to harvest.

Horseradish,

Imported crucifer
Weevil

Apply as needed. Do not
exceed 3 foliar applications.
Can be applied up to 22 days
prior to harvest.

Leafy Vegetables:
amaranth, arugula,
celery, celtuce,
chervil, corn salad,
Chrysanthemum
(edible-leaved and
garland), cress (garden
and upland), dandelion,
dock, endive, fennel,
lettuce (head and leaf),
orach, parsley, purslane
(garden and winter),
rhubarb, spinach,
Swiss chard

alfalfa looper,
aphids, beet
armyworm,
cabbage looper,
corn ear worm,
cutworms,
european corn
borer, fall
armyworm, green
cloverworm,
southern army-
worm, tobacco
budworm, veg-
etable leaf miner.

Spray every 5 to 10 days
as needed. Do not
apply more than 7
applications per crop.
Can be applied up to
1 day prior to harvest.

Melons - see Cucurbits

Vegetable

Target Pests

Use Directions

Potatoes

beet army worm;
colorado potato
beetle; potato
leafhopper, potato
aphid, potato
tuberworm; cabbage
looper; cutworms;
European corn borer;
potato psyllid;
tarnished plant bug.

Spray plants as needed.
Do not apply more
than 12 applications.
Can be applied up to 7
days prior to harvest.

Peppers

vegetable leafminer;
cabbage looper;
flea beetle; corn
earworm; pepper
weevil; European
corn borer.

Spray plants as
needed. Do not
apply more than 8
applications per
crop. Can be
applied up to 3 days
prior to harvest.

Sweet Corn

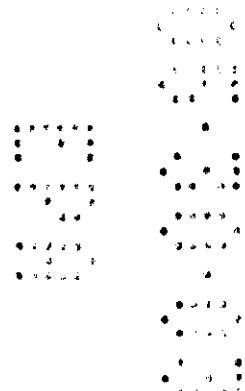
corn earworm;
European corn
borer; fall army-
worm; Southern
armyworm

Spray plants every 5
days and when needed.
Do not apply more than
6 applications per season.
Can be applied up
to 1 day prior to harvest.

Tomatoes (Do not apply
on cherry tomatoes
and varieties yielding
tomatoes less than
one inch in diameter.)

beet and Southern
armyworm; tomato
pinworm; tomato
fruitworm; horn
worms; granulate
cutworms; Colorado
potato beetle;
cabbage looper.

Spray plants when
needed for uniform
coverage. Do not apply
more than 6 applica-
tions per season. Can
be applied up to day of
harvest.



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HOME-OWNER GROWN FRUIT AND NUT TREES

Apply Permanone .02% RTU H&G Insect Control to trees until foliage is dripping wet. Make sure to spray the undersides of leaves and into dense foliage.

Trees (fruit or nut)	Target Pests	Use Directions
Almonds	navel orange worm; peach twig borer.	Apply when insects appear. Do not make more than 2 applications during the period when the outer hull of the almond has started to open. Do not make more than 5 applications per season. Can be applied up to 7 days prior to harvest.
Apples	plum curculio; redbanded leaf-roller; rosyapple aphid; spotted tentiform leaf-miner; tarnished plant bug; white apple leafhopper; oblique banded leafroller, green fruitworm.	Apply when insects appear. Repeat as required to maintain control. Repeat as required. Do not make more than 3 applications per season. Do not apply after petal fall.
Peaches	lesser peachtree borer; peach twig borer; plum curculio; tarnished plant bug; green fruit worm; oriental fruit moth.	Apply when insects first appear. Do not apply within 7 days of harvest. Do not make more than 8 applications per season.
Pears	pear psylla; green fruitworm and moth.	Apply when needed. Do not apply more than 3 applications per season. Can be applied up to 14 days prior to harvest.

STORAGE AND DISPOSAL

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

Storage: Store in a cool, dry area away from children and pets.

Container Disposal

If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.

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Environmental Science Division
870 Technology Way
Libertyville, IL 60048
List No. 73049369

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