

73049-400

09/29/2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 M St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
73049-400

Date of Issuance: ~~2003~~
SEP 29 2003

**NOTICE OF PESTICIDE
Registration**

Term of Issuance:
Conditional Registration

Name of Pesticide Product:
PY Butacide 163

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):
**Valent Biosciences Corporation
870 Technology Way
Libertyville, IL 60048**

Note: Changes in labeling 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 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. Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

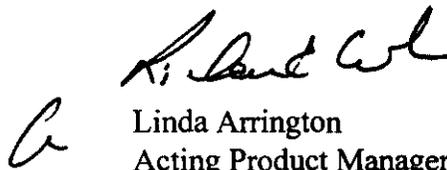
This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
 - a. Revise the EPA Registration Number to read, EPA Reg. No.73049-400
3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 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,


 Linda Arrington
 Acting Product Manager 10
 Insecticide Branch
 Registration Division (7505C)

enclosure

Signature of Approving Official:	Date:
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Py Butacide® 163

For use indoors as a ULV, space, area, contact spray or thermal fog for listed insects

Effective and fast acting

Provides flushing action and quick knockdown for indoor use as a ULV, space, area or contact spray

For use outdoors for temporary reduction of flying insects

ACTIVE INGREDIENTS:

Pyrethrins	3.0%
Piperonyl Butoxide.....	6.0%
N-octyl bicycloheptene dicarboximide*	10.0%
OTHER INGREDIENTS:	81.0%
	100.0%

*MGK-264 Insecticide Synergist

EPA Reg. No. 73049-400

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See Side/Back Panel for Additional Precautions

NET CONTENTS:

Valent BioSciences Corporation
Environmental Science Division
870 Technology Way
Libertyville, IL 60048

ACCEPTED
SEP 29 2003
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
Registered under
EPA Reg. No. 73049-400

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

Caution: Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Do not breathe spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

Environmental Hazards

This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical and Chemical Hazards

Do not use or store near heat or open flame.

FIRST AID

Immediately call a poison control center or doctor for treatment advice.

If Swallowed:	<ul style="list-style-type: none"> Do not induce vomiting unless told to do so by a physician. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
If On Skin or Clothing:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. 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.

NOTE TO PHYSICIAN

Contains petroleum distillate – vomiting may cause aspiration pneumonia.

DIRECTIONS FOR USE

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

In Hospitals: Patients should be removed from room prior to treatment. Rooms should be ventilated for two hours after spraying. Do not return patients to room until after ventilation.

GENERAL: This concentrate is designed for use undiluted in mechanical sprayers which give particles of aerosol size. It can be diluted with refined kerosenes, which meet Food Additive Regulations as defined by CFR Title 21, 172.884, and applied in fogging equipment that give larger than aerosol particle size. It can also be diluted with the oil specified above and applied as a contact spray to kill crawling insects shown on this label.

Do not apply directly to food. Do not apply space spray while food processing is underway. Cover or remove all food processing surfaces. Thoroughly wash all food processing surfaces before reuse. After spraying in bakeries, meat packing plants, food processing plants, etc., all benches, shelving, equipment, etc. where food will be handled must be washed with an effective cleaning compound followed by a potable water rinse prior to use.

INDOOR AREAS for use in and around, but not limited to [such as]:

Animal areas & quarters, animal shelters, animal control centers, apartments, arcades, attics, auditoriums, bakeries, beverage plants, bars, basements, bathrooms, boats, bottling plants, breweries, brewery warehouses, buildings, buses, cabins, cabinets, cafeterias, campers, canneries, churches, cit missions, circus tents, closets, club houses, commercial buildings, communication centers, condominiums, concession stands, court houses, crawl spaces, crematoriums, day care centers, delicatessens, department stores, diners, dog houses, drug stores, dumpsters, dwellings, egg processing plants, factories, freight containers, fruit packing sheds, funeral parlors, garbage bins, garbage cans, garbage compactors, garbage trucks, gas stations, grain elevators, grain harvesting & handling equipment, garages, grain mills, granaries, grocery stores, homes, horse stables & barns, horse trailers, hospices, hospitals, hotels, indoor eating establishments, industrial installations, institutional dining areas, institutions, jails, kennels, laboratories, Laundromats, lavatories, libraries, liquor stores, locker rooms, marinas, mausoleums, meat packing plants, mec's halls, mini-storages, mobile canteens, mobile homes, morgues, mortuaries, motels, movie theaters, museums, nursing homes, office building, other public buildings, parking garages, pool halls, prisons, public storage, railroad cars, recreational vehicles, research animal quarters, restaurants, retail stores, rice mills, schools, ships, ship holds, smoke shops, sports stadiums, stables, storage bins (areas), stored food in multi-walled

paper or cloth bags, stores, supermarkets, taverns, textile mills & warehouses, theaters, tobacco factories, tobacco warehouses, tool sheds, trains, transportation equipment, trucks, truck trailers, tunnels, utilities, utility rooms, false ceilings vending machines, veterinary hospitals, wall & equipment voids, warehouses, washrooms, wholesale stores, wine cellars, wineries and zoos.

FOR THE CONTROL OF INSECTS including, but not limited to [such as]:

Almond moths, angoumois grain moths, ants, black fly, boxelder bugs, brown dog ticks, cadelles, carpet beetles, cereal beetles, cheese mites, cheese skippers, chocolate moths, cigarette beetles, clothes moths, clover mites, cockroaches, coffee bean weevils, confused flour beetles, crickets, dark mealworms, darkling beetles, deer flies, dermestid beetles, dried fruit beetle, drugstore beetles, earwigs, face fly, firebrats, flat grain beetles, fleas, flies, fruit flies, gnats, grain mites, granary weevils, horn flies, hornets, horseflies, Indian meal moths, khapra beetles, lesser grain borers, lesser house fly, Mediterranean flour moths, merchant grain beetle, midges, miller moths, millipedes, mos1uitoes, flying moths, palmetto bugs, pillbugs, red flour beetles, rice flour beetles, rusty grain beetles, saw-toothed grain beetle, silverfish, skipper fly, spiders, spider beetles, stable flies, sowbugs, ticks, ticks that may carry and transmit Lyme disease, tobacco moths, ware house beetles, wasps, waterbugs, yellow jackets, yellow mealworms.

INDOOR USE - UNDILUTED

ULV AND SPACE SPRAY: Use in aerosol generators to kill exposed accessible stages of: flies (including fruit flies), mosquitoes, small flying moths, fleas, gnats, wasps, hornets, clover mites, cheese mites, cheese skippers, boxelder bugs, earwigs, ants and the following common stored product pests: granary weevils, rice weevils, confused flour beetles, saw-toothed grain beetles, spider beetles, cigarette beetles, drugstore beetles, angoumois grain moths, Mediterranean flour moths, Indian meal moths, tobacco moths, yellow meal worms, dark meal worms, grain mites, cadelles and red flour beetles. Remove or cover exposed food and food handling surfaces. Close room and shut off all air conditioning or ventilating equipment. Apply at the rate of 1 fluid ounce undiluted concentrate per 1,000 cubic feet of space. Direct spray toward upper corners of room and ceiling. Leave room closed for ½ hour and ventilate thoroughly before re-entry. Do not apply this undiluted spray in facilities operating

under USDA Meat, poultry, Shell Egg Grading, and Egg Products Inspection Programs.

CONTACT AND SPACE SPRAY: To kill cockroaches, silverfish, earwigs, ants, spiders, use a mechanical aerosol generator or a fogger. Direct the spray first into all cracks and crevices, behind all equipment, cupboards, obstructions or dark harborage areas, walls, floors, underneath sinks, behind pipes and in all places that harbor insects to provide maximum penetration and impingement on the insects. Contact as many insects as possible. Do not allow spray to contact stored food. Then treat as a space spray. Apply at the rate of 1 fluid ounce per 1,000 cubic feet of space. Vacate treated area and leave the room closed for ½ hour. Ventilate thoroughly before re-entry. Do not apply this undiluted spray in facilities operating under USDA Meat, Poultry, Shell Egg Grading, and Egg Products Inspection Programs.

NOTE: If there is a need to treat such areas as conduits, motor housings, junction and switch boxes or other electrical equipment, turn off electrical equipment prior to application. After application, allow time for oil to dissipate before starting motors or placing switches in the "ON" position.

Treatment of Stored Food Areas: Foods in multi-walled, cloth bags or other packaging in storage for the control of accessible adult stages of, but not limited to, almond moths, angoumois grain moths, ants, cadelles, cereal beetles, cheese mites, cheese skippers, chocolate moths, cigarette beetles, cockroaches, confused four beetles, crickets, dark mealworms, drugstore beetles, earwigs, firebrats, flies, fruit flies, fungus gnats, grain mites, granary weevils, hide beetles, Indian meal moths, Mediterranean flour moths, mosquitoes, red flour beetles, rice weevils, saw-toothed grain beetles, silverfish, small flying moths, spiders, spider beetles, yellow mealworms, dried fruit beetles, warehouse beetles, rusty grain beetles, lesser grain beetles, coffee bean weevils, khapra beetle and other listed pests. Infested stored products should be destroyed, fumigated or treated by other effective methods using an approved product intended for this purpose. As noted above, disperse first by directing spray into cracks and crevices, corners, pallets and around stacks of packaged goods hitting as many insects as possible and then apply as a space spray at a dosage of ½ ounce per 1,000 cubic feet of room space. Repeat application as necessary for insect control. Do not remain in treated area and ventilate before re-entry.

On Peanuts, Nuts, Beans (including cocoa), Seed and Copra in Bags or Other Packaging:

For the control of accessible stages of almond moths, angoumois grain moths, ants, cadelles, cereal beetles, cheese mites, cheese skippers, chocolate moths, cigarette beetles, cockroaches, confused flour beetles, crickets, dark mealworms, drugstore beetles, earwigs, firebrats, flies, fruit flies, fungus gnats, grain mites, granary weevils, hide beetles, Indian meal moths, Mediterranean flour moths, mosquitoes, red flour beetles, rice weevils, saw-toothed grain beetles, silverfish, small flying moths, spiders, spider beetles, yellow mealworms, dried fruit beetles, warehouse beetles, rusty grain beetles, lesser grain beetles, coffee bean weevils, khapra beetles and other listed insects. Apply to the surface of stored or bagged products. Also spray walls, floors and other surfaces, storage and handling areas thoroughly, being especially careful to treat cracks, crevices and similar hiding places. Then apply as a space spray at the rate of ½ ounce per 1,000 cubic feet of space by directing the spray toward the ceiling and upper corners of the area and behind any obstructions.

CONTACT AND SPACE SPRAY - To Kill

Cockroaches: Using an appropriate ULV spraying device, inject the aerosol spray directly into cracks and crevices to completely fill wall, equipment and other small structural void areas. Leave room ventilation or air conditioning equipment on during application. Except in hospitals, as noted above, the room can be re-entered immediately after applications are complete.

INDOOR USE – DILUTED

SPACE SPRAY: For use in mechanical fogging, thermal fogging or spraying equipment to control accessible stages of almond moths, angoumois grain moths, ants, cadelles, cereal beetles, cheese mites, cheese skippers, chocolate moths, cigarette beetles, cockroaches, confused flour beetles, crickets, dark mealworms, drugstore beetles, earwigs, firebrats, flies, fruit flies, fungus gnats, grain mites, granary weevils, hide beetles, Indian meal moths, Mediterranean flour moths, mosquitoes, red flour beetles, rice weevils, saw-toothed grain beetles, silverfish, small flying moths, spiders, spider beetles, yellow mealworms, dried fruit beetles, warehouse beetles, rusty grain beetles, lesser grain beetles, coffee bean weevils and khapra beetles. Remove or cover exposed food and cover food handling surfaces in edible product areas of food handling establishments. Close room and shut off all air conditioning or

ventilating equipment. Dilute concentrate with a white mineral oil conforming to Regulations at 21 CFR 121.2589(b) or an odorless light petroleum hydrocarbon conforming to 121.1182 at the rate of one part concentrate to two parts oil and mix well. Apply at the rate of 1 fluid ounce per 1,000 cubic feet of space, filling the room with mist. Vacate treated area and ventilate before re-entry.

Dried Fruit Products in storage or being processed, for control of confused flour beetles, dried fruit beetles, Indian meal moths and saw-toothed grain beetles: Remove and destroy infested products. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts oil or 4.5 ounces per gallon and mix well. Disperse this product as a fine mist in the air above the trays and shelves. Do not apply fruit directly. Use 1/2 ounce per 1,000 cubic feet of space. Repeat application at the dosage in any give month. Leave the room closed for one hour. Do not remain in treated areas and ventilate the area before re-entry. Sweep up and destroy fallen insects.

Animal Quarters Use: For use in cattle barns, horse barns, poultry houses, swine houses & zoos for control of *flies, mosquitoes, small flying moths and gnats*: Dilute 1 part concentrate with 29 parts oil (refined Kerosene or deo-base Kerosene) and mix well. Apply at the rate of 2 fluid ounces per 1,000 cubic feet above the animals. Direct the spray toward the upper portions of the enclosure filling the room with mist. Keep area closed off for at least 15 minutes. Vacate treated areas and ventilate before reoccupying.

Zoos: As a space spray diluted for use in conventional mechanical fogging equipment to kill flies, gnats, mosquitoes, small flying moths, dilute 1 part concentrate plus 29 parts oil (refined kerosene) and mix well. Apply at a rate of 2 fluid ounces per 1,000 cubic feet of space above the animals. Direct spray towards the upper portions of the enclosure filling the room with mist. Keep area closed for at least 15 minutes. Vacate treated area and ventilate before reoccupying.

SURFACE SPRAY: To control accessible stages of: ants, drugstore beetles, earwigs, cockroaches, silverfish, beetles, boxelder bugs, clover mites, crickets and other listed insects, dilute in a range of 1 part concentrate plus 2.25 parts suitable diluent to 1 part concentrate plus 29 parts suitable diluent, mix well and apply as a coarse wetting spray using approximately 1 gallon of spray mixture per 750 square feet of surface. To ensure maximum control of listed

crawling insects, spray thoroughly into all cracks, molding, crevices, walls, floors and other surfaces, around the base of heavy machinery and equipment, storage and handling areas. Particular attention should be paid to areas where moisture collects such as drains, sinks and water pipes, around the base of heavy machinery and equipment contacting as many insects as possible. ANTS: Spray directly into nests, along trails and directly on all ants observed.

For Use In Transit Protection: To control accessible stages of listed insects, clean and spray truck beds, boxcars, ship's holds and other listed transit equipment before loading. before loading. Thoroughly treat walls and floors. Spray each layer of cartons or containers lightly as stacked. Apply diluted spray at the rate of 1 gallon per 1,000 square feet.

Stored Grain: To control *Indian meal moth and angoumois grain moths* in stored grain, apply to the surface of binned grain at the rate of 1 gallon per 1,000 sq. ft. Apply at monthly intervals with the first appearance of moths and continuing until early fall. In the case of severe infestation, break up webbing with rake before spraying and make a second application in two weeks.

CONTACT SPRAY: Diluted for use with sprays that give large wetting spray particles to kill cockroaches and accessible stages of granary insects: *cadelles, confused flour beetles, grain mites, granary weevils, meal moth larvae and adults, red flour beetles, rice weevils and saw-toothed grain beetles.* Cover or remove exposed food and close room as described above. Dilute concentrate with oil at the rate of 1 part concentrate plus 29 parts of oil or 4.5 ounces per gallon and mix well. Spray outside walls of grain bins, flooring, around the base of milling machinery, walls and baseboards, areas behind cabinets, around pipes and other insect harborages using 1 gallon of spray per 1,000 square feet of space. Force spray into all cracks and crevices.

Stored Food: (Stored in multi-wall bags or cloth bags) in flour mills, grain elevators, granaries, storage rooms, warehouses for control of *angoumois grain moths, cadelles, cheese mites, cheese skippers, cigarette beetles, confused flour beetles, dark mealworms, grain mites, granary weevils, Indian meal moths, Mediterranean flour moths, red flour beetles, rice weevils, saw-toothed grain beetles, yellow meal worms.* Remove and destroy infested products. Dilute concentrate with oil at the rate of 1 part

concentrate plus 29 parts oil or 4.5 ounces per gallon and mix well. Disperse this product first by directing spray into corners, under pallets and around stacks of packaged foods hitting as many insects as possible and then treat as a space spray. Infested stored products should be fumigated or treated by other effective methods using an approved product intended for this purpose. Use a dosage of 1/2 fluid ounce per 1,000 cubic feet of space. Do not remain in treated areas and ventilate area before re-entry. This application will kill accessible, exposed stages of those stored product pests listed above. Sweep up and destroy fallen insects.

For Use On Animals: To protect beef and dairy cattle and horses from *horn flies, house flies, mosquitoes and gnats*, dilute 1 part of concentrate with 29 parts oil (deo-base kerosene) and mix well. Apply a light mist, sufficient to wet the tips of the hair. To control *stable flies, horse flies and deer flies* on beef and dairy cattle and horses, apply 2 ounces per adult animal sufficient to wet the hair but not to soak the hide. Repeat treatment once or twice daily or at intervals to give continued protection. To control the motile stages of *blood sucking lice* on beef and dairy cattle, apply the spray to thoroughly wet the hair. Use 2 ounces or less per animal and repeat every 2 to 3 weeks as required.

**OUTDOOR GROUND APPLICATION –
UNDILUTED**

Temporary Reduction of Flying Insects (*flies, mosquitoes, gnats and small flying moths*)
Outdoors: Apply when there is a light breeze of approximately 5 mph and temperatures are cool (75°F or less). With a ULV (Ultra-Low-Volume) spraying device, apply at the rate of 5 ounces per minute up-wind of the areas to be treated. This application will afford temporary reduction of annoyance from these pests in public gathering places (drive-in restaurants, theaters, golf courses, municipalities, parks, playground and recreational areas). Direct the application into tall grass, shrubbery and around lawns and where these pests may hover or rest. Apply while air is still. Avoid wetting foliage. Application should be made prior to attendance.

In additional outdoor areas (corrals, feedlots, swine lots, zoos), cover water, drinking fountains and animal feed before use. Fill area with mist, directing application into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while air is still. Avoid wetting foliage. In zoos, avoid exposure of reptiles to the product.

STORAGE & DISPOSAL

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

Storage: Store product in original container in a cool, dry, area away from heat or open flame.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture & dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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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