



Department of Pesticide Regulation



Winston H. Hickox
Secretary for
Environmental
Protection

Paul E. Helliker, Director
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Gray Davis
Governor

California Notice 99-7

POST UNTIL February 7, 2000

NOTICE OF PROPOSED REEVALUATION OF PESTICIDE PRODUCTS

Pursuant to Articles 8 and 12 (Title 3) of the California Code of Regulations, the Director of the Department of Pesticide Regulation (DPR) notices his decision to initiate a reevaluation of pesticide products. Interested persons may comment on this decision up to and including the date shown on the top-right corner of this notice to the Department of Pesticide Regulation, Pesticide Registration Branch, 830 K Street, Sacramento, California 95814-3510.

REEVALUATION

DPR commences reevaluation of the following pesticide products without further notice. The products included in this reevaluation are rodenticides that contain the active ingredient brodifacoum.

<u>Registrant</u>	<u>Brand Name</u> <u>U.S. EPA Reg. No.</u>
Bayer Corporation	Attack Rodenticide Bait Pack Pellets 10182-340-AA-11556
Bell Laboratories, Inc.	Final Blox 12455-89-AA
	Final Rodenticide 12455-90-AA
	Final Rodenticide Ready-To-Use Place Pac 12455-91-AA
Enforcer Products, Inc.	Final Rodenticide Place Pac 12455-94-AA
	Enforcer Rat Kill II 10182-337-AA-40849

<u>Registrant</u>	<u>Name</u> <u>U.S. EPA Reg. No.</u>
Enforcer Products, Inc. (cond.)	Enforcer Mouse Kill Multi-Pak 10182-337-ZA-40849
	Zep Commercial Rat & Mouse Killer Bulk Pack 10182-337-ZB-40849
	Enforcer Rat & Mouse Bars II 10182-339-AA-40849
	Zep Commercial Weatherproof Rat & Mouse Bars 10182-339-ZA-40849
	Enforcer Rat & Mouse Killer Pellets II 10182-340-AA-40849
Fort Dodge Laboratories, Inc.	Exterminator's Choice Rat & Mouse Killer 10182-340-ZA-40849
	Ropax Bars 10182-339-AA-1117
Household Products Division	Ropax Rodenticide Bait Pack (Pellets) 10182-340-AA-1117
	D-Con Bait Pellets 3282-66-ZA
	D-Con Bait Pellets II 3282-74-ZA
	D-Con Mouse Killing Station 3282-79-AA
	D-Con Ready Mixed Baitbits 3282-81-ZA

<u>Registrant</u>	<u>Brand Name</u> <u>U.S. EPA Reg. No.</u>
LiphaTech Inc.	Maki Rat and Mouse Meal Bait (Packs) 7173-171-AA
	Boot Hill Kills Rats & Mice Dead Poultry House Bait Packs (Meal) 7173-171-ZA
Loveland Industries, Inc.	Havoc Rodenticide Bait Pack Pellets 10182-340-AA-36208
Motomco Ltd.	Jaguar Bait Chunx 12455-89-AA-3240
	Jaguar Rodenticide 12455-90-AA-3240
	Jaguar Rodenticide Ready-To-Use Place Pac 12455-91-AA-3240
Pitman-Moore Inc.	Havoc Wax Blocks with Bitrex 10182-339-AA-773
	Havoc Rodenticide Bait Pack (Pellets) Contains Bitrex 10182-340-ZA-773
Solvay Animal Health, Inc.	Salsbury Ropax Bars Contains Bitrex 10182-339-AA-116
	Salsbury Ropax Rodenticide Bait Pack (Pellets) Contains Bitrex 10182-340-AA-116
Zeneca, Inc.	Talon-G Rodenticide Bait Pack Mini-Pellets (Contains Bitrex) 10182-334-AA

<u>Registrant</u>	<u>Brand Name</u> <u>U.S. EPA Reg. No.</u>
Zeneca, Inc (continued)	Talon-G Rodenticide Bait Pack Pellets (Contains Bitrex) 10182-335-AA
	Talon-G Rodenticide Pellets (Contains Bitrex) 10182-336-AA
	Weatherblok Bait with Bitrex (Made with Talon Rodenticide) 10182-339-AA
	Weatherblok Bait 10182-339-ZA
	Weatherblok XT Rodenticide 10182-339-ZB
	Havoc Rodenticide Bait Pack Pellets (Contains Bitrex) 10182-340-AA
	Talon-G Rodenticide Mini-Pellets (Contains Bitrex) 10182-341-AA

BASIS OF REEVALUATION

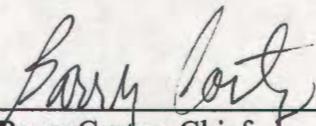
Brodifacoum is registered in California for the control of Norway rats, roof rats, and house mice in residential, industrial, commercial, agricultural, and public buildings. Registrants formulate the product with a grain-based bait in pellets, mini-pellets, and wax blocks.

DPR placed the pesticide active ingredient brodifacoum into reevaluation at the request of the Department of Fish and Game (DFG). DFG expressed concern that California's wildlife are exposed and adversely affected by currently registered uses of the anticoagulant rodenticide brodifacoum.

Since 1994, DFG's Pesticide Investigations Unit has investigated 58 cases of possible wildlife exposure to anticoagulant rodenticides. Residues of anticoagulant rodenticides were detected in 38 birds and mammals, and residues of brodifacoum were identified in 31 birds and mammals, accounting for 82 percent of the anticoagulant exposures. Of the 31 individuals in which residues of brodifacoum were detected, clinical signs of anticoagulant poisoning were observed in 10 to 20 percent. Eleven of the animals also carried residues of at least one other anticoagulant rodenticide in conjunction with brodifacoum. Because wildlife typically retreat to dens, burrows, or unobtrusive roosts in the final stages of anticoagulant poisoning, exposure of non-target wildlife to this compound may be more extensive. Most of the birds and mammals exposed to brodifacoum were recovered from areas adjacent to urban development in Santa Clara, Los Angeles, Ventura, Orange, San Benito, Alameda, and Contra Costa counties.

DPR and DFG plan to identify the pathways that result in wildlife exposure to brodifacoum and curtail exposure through effective mitigation measures.

For information, please contact Ms. Ann Prichard, Senior Environmental Research Scientist, Pesticide Registration Branch, by e-mail at aprichard@cdpr.ca.gov or by telephone at (916) 324-3931.



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12-30-99

Date

cc: Ms. Ann Prichard