	MENTAL PROTECTION AGENCY DF PESTICIDES PROGRAMS	EPA REGISTRATION NO. 602-331	APR - 3 1989
REGIST	IF PESTICIDES PROGRAMS (RATION DIVISION (75-767) ASHINGTON, DC 20460	TERM OF ISSUANCE Until Reregistration	
NOTICE OF PI	STICIDE: - REGISTRATION	NAME OF PESTICIDE PROC Furina Pard Hit	buct Lter Cattle
(Under the F	edetal Insecticide Lungicide	Pour-Or. Incec	
	nherb Act, as as in hid DERESISTRANT (Include ZIP super-		
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	Tiss, Inc.	21	8133 18
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ubmitted to and acc	abeling formula differing in substance f epted by the Registration Division prio to the above U.S. EPA registration nur	r to use of t <mark>he label n comm</mark>	ion with this registration must b erce. In any correspondence on t
	mation furnished by the registrant, the ide, Fungicide, and Rodenticide Act.	above named pesticide is her	reby Registered/Reregistered un
-	ng accepted in connection with this Re	eistration/Reregistration is r	eturned herewith.
-	way to be construed as an indorsement		
ev others.	Strued as giving the registrant a right to $O(3) = C^{-1} (1 + 1) + (1 + 1$		
of year prix	entroite als sats required bot under PTPLZ section 3 of similar products to sub	(c)(5) when the Age	
	te the labeling charges li		ou release the product
	Add the phrase "NFA Pequ	etration No. 607-33	1. •
t) .	Add a foothets * the lab		ement indicating:
	Contains petrrleum r	istillates.	
··•	Update the Environmental Moniment of Displial of Washwaters."	-	
	equipment of displation	wastes" to "dispose	
	Add a Note to Physician of Solvent presents as lavage is indicated	wastes" to "dispose to read: piration hazard. G	al of equipment
	Add a Note to Physician of Solvent presents as lavage is indicated internally.	wastes" to "dispose to read: piration hazard. G	al of equipment
d.	<pre>Multiment of display of washwaters." Add a Note to Physician Solvent presents as lavage is indicated internally. APPLICABLE</pre>	wastes" to "dispose to read: piration hazard. G	al of equipment

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e. Delete the signal word "Danger" from the labeling.

3. Resubmit a corrected Confidential Statement of Formula (CSF). The submitted CSF states a total of 1000 pounds but the numbers only add up to 990. Once this is corrected, make any necessary changes in the Certified Limits.

4. The following data matrix requirements are needed:

- a. Statement of composition--a complete description of the formulation process in your own plant. Describe equipment used, mixing time, temperature, etc. The submitted formulation process was too generic. We need more details on your process.
- b. Analytical method--provide the methods used to analyze for the active ingredients. We need more details than the one submitted.

5. Please provide a storage stability study as soon as the data become available. The formulated product must be analyzed for its active ingredient at time zero and during a year of storage. The storage should be in warehouse conditions of temperature and humidity and stored in similar containers you will be using in the trade. Note: For the storage stability study you cannot reference the concentrate you are using to formulate your product.

6. 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.

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.

George T. LaRocca Product Manager (15) Insecticide-Rodenticide Branch Registration Division (TS-767C)

Inclosures

-2-

(R) PURINA BRAND HARD HITTER CATTLE POUR-ON INSECTICIDE

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CONTROLS LICE AND FLIES ON DAIRY AND BEEF CATTLE

ACTIVE INGREDIENTS:

Permethrin (3-Phenoxyphenyl) methyl (<u>+</u>) <u>cis</u> , <u>trans-3-</u>	
(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate*	1.07
INERT INGREDIENTS	99.07
	100.07

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*Cis/trans ratio: Min. 35% (+) cis and max. 65% (+) trans

CAUTION: KEEP OUT OF REACH OF CHILDREN

DANGER Cardun

See Side Panel For Additional Precautionary Statements

ACCEPTED with COMMENTS to EPA Letter Dated

APR - 3 1389

Under the Federal Insecticitie. Function, and Redeate in Act as amended, for the posticide registered under EPA Reg. In

NET 1 GAL

EPA Reg. No. 602- $G^{n} f^{n}$

Manufactured By

Purina Mills, Inc. P. O. Box 66812 St. Louis, Missouri 63166-6812 U.S.A.

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Avoid contact with eyes.

STATEMENT OF PRACTICAL TREATMENT

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

IF SWALLOWED: Call a physician immediately. Do not induce vomiting unless under medical attention.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish. Use with care when applying to areas adjacent tc any body of water. Do not add directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

READY TO USE - No dilution necessary.

Apply to: Lactating and non-lactating dairy cattle, beef cattle and calves.

APPLICATION

TARGET INSECTS

APPLICATION INSTRUCTIONS

Lice Horn flies Face flies Beginning at the head, pour along the center of the back. Apply 1/2 fluid ounces per 100 pounds body weight of animal up to a maximum of 5 fluid ounces for any one animal.

Repeat treatment as needed, but not more than once every 2 weeks. For optimum lice control a double treatment at 14-day intervals is recommended. Special Note: Purina Hard Hitter Cattle Pour On Insecticide is not effective in controlling cattle grubs.

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STORAGE AND DISPOSAL

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

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Storage: Keep container sealed when not in use. Do not store near food or feed.

- 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 and dispose of in a sanitary landfill or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

