

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (WH-567)
WASHINGTON, D.C. 20460

EPA REGISTRATION NO.

47834-42

DATE OF ISSUANCE

APR 22 1985

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Heartland EC-1 Farm & Dairy
Insect Killer

NOTICE OF PESTICIDE:

REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Heartland Industries, Inc.
P.O. Box 687
Walnut, CA 91789

160 / 144312
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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 47834-42."

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

4-22-85

3. There is a typographical error for the flame extension on the Confidential Statement of Formula (CSF). We assume you meant 9" as indicated with the Product Chemistry. Please correct the CSF.

4. For the Product Chemistry please provide the following:

- a. Statement of composition-- Please provide a brief description of the formulation process.
- b. Discussion of formation of unintentional ingredients-- Please provide a description of impurities formed during the manufacturing process, in packaging or during storage. If you do not expect any impurities during these stages, please so state.
- c. Certification of Limits-- Please provide the limits for the individually added inerts.
- d. Storage stability-- Please submit a reference or the stability study on your product. In this study, the formulated product is analyzed for its active ingredients at time zero and during a year of storage.

5. For the label Disposal statement please indicate the following:

Replace cap and discard container in trash. Do not incinerate or puncture.

6. On the label ingredient statement please include the percentage of petroleum distillates with the inert ingredients. At this small percentage, the solvent is not considered active.

7. 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.

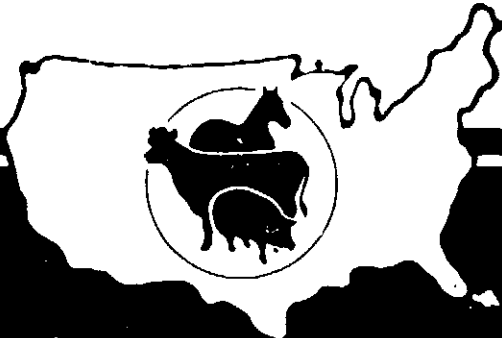
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Timothy A. Gardner
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-767)



HEARTLANDTM



FC-1 FARM & DAIRY INSECT KILLER

Professional Strength,
fast knock down & kill

A heavy duty, commercial formula insecticide for flying insect control in non-residential food handling areas of milking parlors, milk houses, milk bottling plants, cheese plants and other edible product areas of food processing plants.

FOR USE IN:

Barns, Stables, Dairies, Pig
Confinements, and Milk & Egg handling
Areas of Dairies & Chicken Houses.

KILLS

House Flies, Stable Flies, Horse Flies,
Horn Flies, Ticks, Lice & Gnats

ACTIVE INGREDIENTS:

Pyrethrins	0.50
* Piperonyl Butoxide	5.00
Petroleum Distillates	2.00

INERT INGREDIENTS 92.50

* Equivalent to 4.0% (butylcarbityl)
(6-propyl-piperonyl) ether and 1.0% related compounds

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for additional precautions

NET WEIGHT: 2.5 LBS.

PRECAUTIONARY STATEMENTS Hazardous to Humans & Domestic Animals

CAUTION

Harmful if swallowed or absorbed through skin. Avoid breathing of vapors or contact with skin and eyes. In case of contact, immediately flush eyes or skin with water. Obtain medical attention if irritation persists. Do not apply directly to food handling facilities. Cover or remove any food and food processing equipment. Do not apply while food processing is underway. After space spraying plants, wash all equipment, benches, shelving, etc. where exposed food will contact. In the home, all food processing surfaces and utensils should be treated or thoroughly washed before use.

Remove pets, birds and cover fish aquariums before spraying.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. DO NOT APPLY DIRECTLY to or contaminate water by cleaning of equipment or disposal of wastes. Apply as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not puncture or incinerate container. Do not use near open flame. Exposure to temperatures above 130°F may cause bursting.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Storage: Store in a cool area away from heat and open flame.
Disposal: Do not reuse empty container. Wrap container and put in trash.

DAIRY FARM USE: Milking Parlor and Milk Room. Close all windows and doors. Spray for 2-3 seconds for 1,000 cu. ft. of space. Do not remain in treated area after treatment. Cover milking utensils and milk to prevent contamination. Dead or falling insects.

ANIMAL USE: Thoroughly spray entire animal from approximately 2 ft. distance directly toward animal's eyes. Spot treat withers, shoulders, and back where safe from head tossing.

STANCHION BARN USE: Walk behind animals and direct spray over backs, at 1 ft. per animal. For most effective results, apply each morning.

POULTRY OPERATIONS: In poultry houses, close all windows and doors. Spray for 2 seconds per 1,000 cu. ft. of space. Do not remain in treated areas. After 15 minutes, treat daily or as necessary.

ANIMAL USE: For animal application, direct spray over backs of hogs and sows per hog. Do not spray directly toward the animal's face or eyes. Repeat application as necessary.

HORSE BARN OR STABLES: In horse and pony barns, close all windows and doors. Spray at the rate of 2-3 seconds per 1,000 cu. ft. of space. Do not remain in treated area. ventilate the area. Repeat the application as necessary.

ANIMAL USE: For animal application, lightly mist over backs of horses at a distance of 2 ft. Do not spray directly toward the animal's face or eyes. Repeat application as necessary.

BEEF CATTLE OPERATIONS: In barns, close all windows and doors. Spray for 2 seconds per 1,000 cu. ft. of space. Do not remain in treated area. After 15 minutes, repeat application as necessary.

ANIMAL USE: For animal application, thoroughly spray entire animal from a distance. Do not spray directly toward animal's face or eyes. Repeat application as necessary.

FOOD PROCESSING PLANT USE: To kill roaches, spiders, silverfish, wasps, etc. Spray the insect directly when possible. Spray all probable hiding places, cracks, baseboards, sinks, cabinets, shelves, under appliances, in food storage areas. Flies, Mosquitoes, Gnats, Small Flying Moths. Close all windows and doors. Do not spray for 1-2 seconds for 1,000 cubic feet of space. Do not remain in treated area after treatment.

Buyer assumes all risks of use, storage or handling of this material not in accordance with directions given herewith.

EPA Reg No. 47834 EPA Est. No. 47834 CA 0

Manufactured by

HEARTLAND INDUSTRIES, INC.
Walnut, California 91789