

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

56228-21

DATE OF ISSUANCE

APR 1 - 1996

TERM OF ISSUANCE

Unconditional

NAME OF PESTICIDE PRODUCT

Large Gas Cartridge

NOTICE OF PESTICIDE:

☐ REGISTRATION
☒ REREGISTRATION

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

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

USDA

Animal Plant & Health Inspection Service

Animal Damage Control

Federal Bldg. Room 533

6505 Belcrest Road

Hyattsville, MD 20782

675 5-495854
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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 turned 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.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

The Agency has determined that the Confidential Statement of Formula (CSF), dated October 17, 1995, which was submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable, subject to the following provision.

Within one year after commencing commercial production of your revised formula, please analyze your product for the percentages of active ingredients. If the certified limits do change, submit the analytical data and a revised CSF. If the limits do not change, send us a letter to that effect. The reason for this requirement is to insure that we capture, as part of the product registration, any reduction in formula variability achieved from commercial production.

A copy of the CSF has been placed in our file for this product. All previous versions are obsolete.

☒ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

Based upon our recent conversation between Steve Palmateer of your staff and Dan Peacock of my staff, you wish to have just two labels for this product: A) Container Label and B) Cartridge Label. All the endangered species text would be placed on the "Container Label" under the "ENDANGERED SPECIES CONSIDERATIONS". There would be no separate "Endangered Species Considerations Insert".

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you make the following changes and submit one (1) copy to us before your ship product:

A. Container Label

1. Revise your "ENVIRONMENTAL HAZARDS" section as follows:

ENVIRONMENTAL HAZARDS

This product is highly toxic to wildlife. Check all burrows for signs of nontarget species. If present, do not treat burrows.

ENDANGERED SPECIES CONSIDERATIONS

I. General Considerations

NOTICE: It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species.

The killing of a member of an endangered species due to use of gas cartridges may result in a fine and/or imprisonment under the Endangered Species Act. All users of this product must determine whether endangered species are known to occur or might occur in the intended use areas.

Consult the nearest U.S. Fish and Wildlife Service regional office or the appropriate State agency for current information on habitats occupied by endangered species.

Use of this product according to the "II. Specific Considerations" below to protect endangered species.

BEST AVAILABLE COPY

II. Specific Considerations

Black-footed ferret (Mustela nigripes) .

To limit risks to the black-footed ferret and to avoid ... ferret reintroductions.

Fresno Kangaroo rat ... southern Utah.

Use of this product within the occupied habitats of the organisms listed above is limited to ... extension offices. [Delete "These limitations ... habitats of"]

Hualpi Mexican vole ... San Nicolas Islands, California.

Do not use this product within the occupied habitats of the above endangered animals.

Blunt-nosed leopard lizard ... Rivers in Alabama.

2. Incorporate the following text at the appropriate location in the "ENDANGERED SPECIES CONSIDERATIONS":
-

RED WOLF (insert scientific name)

GRAY WOLF (insert scientific name)

SAN JOAQUIN KIT FOX (insert scientific name)

Unless authorized by the U.S. Fish and Wildlife Service, DO NOT use in areas where the above Endangered Species may have dens.

[Note that you have **two** entries for the San Joaquin Kit Fox. Please combine the entries and correct any inconsistencies.]

3. To avoid breaking up your use directions, place your "STORAGE AND DISPOSAL" text after DIRECTIONS FOR USE.

BEST AVAILABLE COPY

4. The above changes (#1, #2, and #3) attempt to organize the text in the clearest, more consistent way. For example, we restructured the text so that each section of the specific endangered species considerations always began with the common name, followed by the scientific name, text, and horizontal line to separate individual sections. In addition, we separated the "General" and "Specific" "ENDANGERED SPECIES CONSIDERATIONS". Finally, we modified the "General Considerations" to emphasize the need to apply baits appropriately.
5. Try to structure your label so that all your precautionary statements appear on one page of your label and all your use directions appear on a second page of your label, assuming that you use a two page label.
6. Note that your "Ingredient Statement" would still be considered on the "Front Panel", if it was moved one panel to the left, provided potential buyers could see that panel when viewing the product as sold. Moving the panel in this way would hopefully eliminate the need to break up use direction or precautionary text.

In the future, if you have other suggestions for clarifying the labeling, we would be glad to review these suggestions.

B. Cartridge Label

The text is acceptable.

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 bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,



Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

Enclosures: 1. Stamped Label
2. A-79 Enclosure

Peacock:WP:A:#8:NITRATE\56228-21.MAR:305-5407/-6600:4/1/96

BEST AVAILABLE COPY

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

After ignition, cartridge produces the toxic gas, carbon monoxide. Fumes may be harmful inhaled.

ENVIRONMENTAL HAZARDS

This product is highly toxic to wildlife. Check all burrows for signs of nontarget species. If present, do not treat burrows.

CHEMICAL HAZARDS

Once ignited by the fuse, this cartridge will burn vigorously until completely spent and is capable of causing severe burns to exposed skin and clothes, and of igniting dry grass, leaves and other combustible materials.

ENDANGERED SPECIES CONSIDERATIONS

NOTICE: It is a Federal offense to use any pesticide in a manner that results in the death of a member of an endangered species.

Unless authorized by the U.S. Fish and Wildlife Service, DO NOT use in areas where the following Endangered Species may have dens: red wolf, gray wolf, and San Joaquin kit fox.

DIRECTIONS FOR USE

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

USE RESTRICTIONS

For control of coyotes (*Canis latrans*), red foxes (*Vulpes vulpes fulva*), and striped skunks (*Mephitis mephitis*) in dens only on rangelands, crop and non-crop areas. Do not use near flammable material or inside Buildings. USE ONLY IN DENS IN ACTIVE USE BY THE TARGET SPECIES.

SEE RIGHT PANEL FOR ADDITIONAL DIRECTIONS FOR USE

LARGE GAS CARTRIDGE

For control of coyotes (*Canis latrans*), red foxes (*Vulpes vulpes fulva*), and striped skunks (*Mephitis mephitis*) in dens only.

NOT FOR SALE TO PERSONS UNDER 16 YEARS OLD

ACTIVE INGREDIENTS:

Sodium Nitrate 53.0%
Charcoal 28.0%

INERT INGREDIENTS..19.0%

TOTAL 100.00%

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY!

If inhaled and person has poisoning symptoms (headache, nausea, dizziness, weakness), transfer victim to fresh air. Have victim lie down and keep warm. If respiration is adequate, recovery will be rapid. If breathing has stopped, use artificial respiration. If available, pure oxygen should be given.

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
Hyattsville, MD 20782
EPA Est. No. 56228-ID-1
EPA Reg. Nol 56228-21

Net Weight 8.5 ounces (240 grams)

STORAGE

Do not contaminate water during disposal.

STORAGE: Store in cool, dry place, away from heat and direct sunlight.

PESTICIDE DISPOSAL

cartridges, soak in water for 24 hours, then dispose in deep in loose soil.

CONTAINER DISPOSAL

DIRECTIONS

DEN

COYOTES First search for coyotes for treatment. If found in steep embankment, concealed in brush, distinguish from badger and fox) by the coyote sign around range in size from 9 to 18 inches in height. If the entrance includes pups are active outside become active, their scat and will be laid flat due to dens may be identified and the pups may be approaching the entrance. If den is occupied by coyotes.

RED FOXES Den of particular foxes which causing other damage during rearing of kits of prey lead to the mixed farmlands and of forests, or along roads dens will be marked by tracks and observed identified by these signs may sometimes be identified by entrance.

SEE BACK PANEL FOR DIRECTIONS

SKUNKS Track individual skunks creating health or safety hazards or depredating endangered or threatened species. Treat a den which the target skunk has entered based on tracking evidence. Do not treat dens under inhabited structures or buildings where toxic gases could reach humans, pets, or domestic animals including livestock.

APPLICATION DIRECTIONS

Make sure cartridge will pass easily into opening. Close any openings to den other than the one to be treated. Obtain material to plug entrance. Then, with a nail at least 1/8" in diameter, puncture cap at end of cartridge at points marked. Insert fuse in one of the center holes. Insure that there is a minimum of 3 inches of exposed fuse. Hold cartridge away from face and body, then light.

NOTE: The minimum burn time for these fuses is 5 seconds.

Place cartridge, fuse-end first, as far into the burrow as possible. Close entrance to burrow immediately. (If burrow is steep, contents of cartridge may flow out of lighted end. If so, place cartridge as deep in burrow as possible with fuse-end up, light, and close burrow.)

EM

10-19-95

Container Label (P. 2 of 3) 56247-246
698

LARGE GAS CARTRIDGE

EPA Reg. No. 56228-21

ENDANGERED SPECIES CONSIDERATIONS

Use of this product is subject to limitations set forth below for the purpose of protecting endangered species.

Black-footed ferret. To limit risks to the black-footed ferret (*Mustela nigripes*) and to avoid destruction of its prey base, do not use this product within 4.3 miles (7 kilometers) of any prairie dog town unless the colony is an isolated black-tailed prairie dog town less than 80 acres in size or an isolated white-tailed or Gunnison prairie dog town less than 200 acres in size, or unless the town has been appropriately surveyed, using methods acceptable to the U.S. Fish and Wildlife Service, and found not to contain black-footed ferrets and found by the FWS not to be a suitable site for ferret reintroductions.

Use of this product within the occupied habitats of the organisms listed below is limited to qualified individuals who have been trained to distinguish dens and burrows of target species from those of nontarget species. Such individuals may be wildlife biologists, certified applicators, representatives of California State or Federal agencies, or agents of county agricultural offices or university extension offices. These limitations apply to uses in occupied habitats of

Fresno kangaroo rat (*Dipodomys nitratoides exilis*) in Fresno and Merced Counties, California;

Giant kangaroo rat (*D. ingens*) in Merced, Fresno, Kings, Tulare, Kern, San Luis Obispo, and Santa Barbara Counties, California;

Stephen's kangaroo rat (*D. stephensi*) in Riverside, San Diego, and San Bernardino Counties, California;

Tipton kangaroo rat (*D. n. nitratoides*) in Kings, Tulare, Kern, and Fresno Counties, California;

Point Arena mountain beaver (*Aplodontia rufa nigra*) in Mendocino County, California;

San Joaquin kit fox (*Vulpes macrotis mutica*), as determined by the U.S. Fish and Wildlife Service (FWS), in Alameda, Contra Costa, Fresno, Kern, Kings, Merced, Monterey, San Benito, San Joaquin, San Luis Obispo, Santa Barbara, Santa Clara, Stanislaus, or Tulare Counties, California;

Desert tortoise (*Gopherus agassizii*) in Arizona, southern California, southern Nevada, and southern Utah.

Do not use this product within the occupied habitats of the following endangered animals:

Hualapi Mexican vole (*M. Mexicanus hualapaiensis*) in Mohave County, Arizona;

Morro Bay kangaroo rat (*D. heermanni morroensis*) in San Luis Obispo County, California;

Utah prairie dog (*Cynomys parvidens*) in Garfield, Iron, Kane, Piute, Sevier, and Wayne Counties, Utah;

Coachella Valley fringe-toed lizard (*Uma inornata*) in the Coachella Valley area of southern California;

Island night lizard (*Xantusia riversiana*) on Santa Barbara, San Clemente, and San Nicolas Islands, California.

Blunt-nosed leopard lizard. Do not use this product within the occupied habitat of the blunt-nosed leopard lizard (*Gambelia silus*) in Fresno, Kern, Kings, Merced, Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Clara, and Stanislaus Counties, California, from October 1 to April 15, unless a specific blunt-nosed leopard lizard protection program for this period is approved by the U.S. Fish and Wildlife Service and fully implemented. Use of this product in occupied habitat of this species from April 15 through September 30 is limited to

daylight hours when air temperatures are 77-95°F (20-30°C).

San Francisco garter snake. Do not use this product within the occupied habitat of the San Francisco garter snake (*Thamnophis sirtalis tetrataenia*) in San Mateo, San Francisco, Santa Clara, and Santa Cruz Counties, California, from November 1 to March 30, unless a specific San Francisco garter snake protection program for this period is approved by the U.S. Fish and Wildlife Service and fully implemented. Use of this product in occupied habitat of this species under such approved programs or from April 1 through October 31 is limited to qualified individuals who have been trained to distinguish dens and burrows of target species from those of nontarget species. Such individuals may be wildlife biologists, certified applicators, representatives of California State or Federal agencies, or agents of county agricultural offices or university extension offices.

Eastern indigo snake. Do not use this product within habitat types and locales known to support the eastern indigo snake (*Drymarchan corais couperi*) throughout Florida and the coastal plain of Georgia.

Gopher tortoise. Do not use this product in or adjacent to known gopher tortoise (*Gopherus polyphemus*) occupied habitat west of the Mobile and Tombigbee Rivers in Alabama."

Container
Label
(R. 3 of 3)

56228-21-98
4-1-96

LARGE GAS CARTRIDGE
EPA REGISTRATION NO. 56228-21

Contains Sodium Nitrate (53.0%), Charcoal (19.0%),
Inert Ingredients (19.0%)

Select den in active use by coyotes, red foxes, or skunks. Make sure cartridge will enter freely. Obtain material to plug entrance. Plug other entrances, if present. With 1/8" nail, puncture cap at end of the cartridge at points marked. Insert fuse into one of the center holes. Insure there is a minimum of 3 inches of exposed fuse. Hold cartridge away from face and body, then light fuse. Place cartridge, fuse-end first, into burrow as far as possible. Plug burrow immediately. (If burrow is steep, contents of cartridge may flow out of lighted end. If so, place cartridge as deep as possible with fuse-end up, light, then close burrow.)

MINIMUM FUSE BURN TIME IS 5 SECONDS

Read complete Directions for Use on **ACCEPTED**
with COMMENTS
on EPA Label Dated

APR 1 - 1996

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
56228-21

LARGE GAS CARTRIDGE
EPA REGISTRATION NO. 56228-21

Contains Sodium Nitrate (53.0%), Charcoal (28.0%),
Inert Ingredients (19.0%)

Select den in active use by coyotes, red foxes, or skunks. Make sure cartridge will enter freely. Obtain material to plug entrance. Plug other entrances, if present. With 1/8" nail, puncture cap at end of the cartridge at points marked. Insert fuse into one of the center holes. Insure there is a minimum of 3 inches of exposed fuse. Hold cartridge away from face and body, then light fuse. Place cartridge, fuse-end first, into burrow as far as possible. Plug burrow immediately. (If burrow is steep, contents of cartridge may flow out of lighted end. If so, place cartridge as deep as possible with fuse-end up, light, then close burrow.)

MINIMUM FUSE BURN TIME IS 5 SECONDS

Read complete Directions for Use on carton label.

Cartridge Label

56228-21
4-1-96
8 9 8