

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

EPA REGISTRATION NO.

64864-26

DATE OF ISSUANCE

MAY 19 1995

TERM OF ISSUANCE

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Hinder® Deer and Rabbit Repellent  
Concentrate

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Diana M. Cochran  
Pace International LP  
P.O. Box 558  
Kirkland, WA 98083

5445304 675/22  
5486345 300/18

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.

Based on the response to the SOAP SALTS Reregistration Eligibility Document, EPA has reregistered the product listed above. Enclosed is a copy of your label stamped "Accepted with Comments." 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 amended labeling submitted on 4/5/95, is acceptable provided that you make the following changes:

1. The Precautionary Statements, Hazards to Humans and Domestic Animals must read as follows:

"Causes irreversible eye damage. Harmful if inhaled. Do not get in eyes or on clothing. Avoid breathing vapor or spray mist. Wear safety glasses when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse."

2. The Statement of Practical must read as follows:

IF IN EYES: Hold eyelids open and flush with a steady stream of water. Get medical attention.

IF SWALLOWED: Drink promptly a large quantity of milk, egg whites,

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

*[Handwritten Signature]*

DATE

1911  
MAY 19 1995

gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol. Get medical attention. Do not induce vomiting.

**IF INHALED:** Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth-to-mouth. Get medical attention.

**NOTE TO PHYSICIAN:** Probable mucosa! damage may contraindicate the use of gastric lavage.

3. This product is classified as an acute hazardous waste based on eye irritation. The following statement must appear on your label under "Pesticide Disposal."

"Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance."

4. As stated in our letter to you dated April 4, 1995, turf is not an acceptable use site for your product. Therefore, on page no. 1 of your label, please delete the word "turf" from the second full sentence. It should read as follows: "For use on vegetable, fruit, flower, vine and nursery plants & shrubs."

5. Please note that we have only accepted the concentrate label for this product. You had originally submitted two labels for this product: Hinder®-H and Hinder® Concentrate. We believe that having two labels for the same product, one stating that the product is a concentrate and one not, could be confusing and misleading to the consumer. Per your telephone conversation with Beth Edwards, we understand that your company would prefer to have the concentrate label accepted. A stamped copy of the concentrate label is enclosed for your records.

6. Submit one copy of your final printed labeling before you release the product for shipment.

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.

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If you have any questions about this letter, please contact Beth Edwards at (703) 305-5400 or (703) 305-6600.

Sincerely yours,

Robert A. Forrest  
Product Manager (14)  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

CONCENTRATE / CONCENTRADO  
 MAKES UP TO 10 GALLONS

ACCEPTED  
 with COMMENT  
 In EPA Letter, Dated  
**MAY 19 1999**  
 Under the Federal Insect  
 Plant, and Fungicide  
 Act, amended for the  
 registration under EPA  
 64964-2p

# Hinderer

DEER & RABBIT REPELL

(Repelente de Conejos y Venados)

Protects plants by forming a mild odor barrier that is inoffensive to humans. For use on vegetable, fruit, flower, turf, vine and nursery plants & shrubs.



APPROVED FOR FOOD CROPS

PACE INTERNATIONAL  
 Kirkland, WA

Active Ingredients (% by weight)	
Ammonium Soaps of Higher Fatty Acids .....	13.8%
Inert Ingredients .....	86.2%
Total .....	100.0%

NET 32 fl oz (0.946 Liters)

KEEP OUT OF REACH OF CHILDREN  
**DANGER / PELIGRO**

Read precautions and directions in and on container

in Spanish. Repellent / Concentrate  
Makes up to 10 gallons

Protects plants by forming a mild odor barrier that is inoffensive to humans. For use on vegetable, fruit, flower, turf, vine and nursery plants & shrubs.

Active Ingredients: (% by weight)

Ammonium Soaps of Higher Fatty Acids .....	13.8%
Inert Ingredients .....	<u>86.2%</u>
Total: .....	100.0%

**Keep out of reach of children**  
**DANGER/PELIGRO**

Read precautions and directions in and on back panel.

NET

6711

**Back Panel:**

**READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO THE DIRECTIONS ON THE LABEL AND OBSERVE ALL PRECAUTIONS.**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**DANGER MAY CAUSE PERMANENT EYE DAMAGE.** Wear safety glasses when handling. Harmful if inhaled or absorbed through skin. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Use extra caution when spraying overhead.

**PELIGRO PUEDE CAUSAR DAÑO PERMANENTE A LOS OJOS.** Si usted no lee ingles, no use este producto hasta que alguien se le explique ampliamente la etiqueta.

**FIRST AID:**

**IF IN EYES:** Hold eyelids open, immediately flush with a steady stream of water; get medical attention. **IF SWALLOWED:** Promptly drink large quantity of milk or egg whites, if these are not available, drink large volume of water; avoid alcohol. **NOTE TO PHYSICIAN:** probable mucosal damage may contraindicate the use of gastric lavage. **IF ON SKIN:** Wash with soap and water. **IF INHALED:** Remove victim to fresh air, if not breathing give artificial respiration. Get medical attention.

**In case of an emergency involving this product, call, anytime, 1-800-424-5300**

**NOTICE: BUYER ASSUMES ALL RESPONSIBILITY FOR SAFETY AND USE NOT IN ACCORDANCE WITH DIRECTIONS. IF THESE TERMS ARE NOT ACCEPTABLE, RETURN AT ONCE UNOPENED.**

**Environmental Hazards**

This product may be hazardous to aquatic invertebrates. Do not apply directly to water, areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

**PRECAUTION: See Inside Label For Directions For Use, Additional Precautions And Storage And Disposal Information.**

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Kirkland, Washington 98083 USA

206/827-8711  
EPA Reg. No. 64864-26  
EPA Est. No. 64864-WA-1

7 of 11

**INSIDE PAGES:**

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in any manner inconsistent with its labeling. **READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO THE FOLLOWING DIRECTIONS AND OBSERVE ALL PRECAUTIONS.**

Hinder® Concentrate Deer and Rabbit Repellent creates a mild odor barrier, and is inoffensive to humans once applied. It is most effective when applied before animals develop their feeding habits and damage has occurred. Because Hinder Concentrate works on an odor principle, it repels deer and rabbits before they eat treated plants and helps to protect new growth as it begins to emerge. The objective in using Hinder Concentrate is to divert animals to alternative food sources and away from valuable plants. When animal feeding pressure is extraordinary (as in drought conditions) no product can be 100% effective; animals will feed even on treated plants rather than starve.

**USE RESTRICTIONS**

This product may be used to limit browsing by white tail deer (odocoileus virginianus) and black tail or mule deer (o. hemionus), on ornamental trees and shrubs, annual and perennial flowers, nursery stock, soybeans, peanuts, apple and pear trees, and carrots.

This product may also be used to discourage feeding by cottontail rabbits sylvilagus floridanus and black-tail jack rabbits lepus californicus on home gardens and on the trunks of nursery stock and ornamental trees.

**DO NOT RE-ENTER TREATED AREAS UNTIL AFTER THE SPRAY HAS DRIED.**

When considering use of this product during cold weather, note that a temperature of at least 40 F for a four hour period is needed to allow proper drying time.

Do not apply Hinder Concentrate in undiluted form.

Do not apply this product through any type of irrigation system. Do not apply by aircraft. Do not put this product, full strength or diluted, into any food or drink containers. Do not apply this product with sprayers previously used for herbicides. Do not spray Hinder Concentrate on wilted plants.

HINDER CONCENTRATE IS NOT CHEMICALLY COMPATIBLE with most strongly ionized metallic salts such as zinc sulfate, manganese sulfate and iron sulfates. Do not use with strongly acidic spray materials. Hinder Concentrate is compatible with most commonly used organic phosphate, carbamate and chlorinated hydrocarbon insecticides and miticides and with neutral micro-nutrient material.

Check relevant sections of application directions for information on phytotoxicity and other specific limitations on treatments.

### APPLICATION DIRECTIONS

HINDER CONCENTRATE DEER AND RABBIT REPELLENT works on an odor principle. The minor ammonia odor emanating from treated plants may divert deer and rabbits to other food sources.

SHAKE CONTAINER WELL BEFORE MIXING OR APPLYING ITS CONTENTS. HINDER CONCENTRATE may be applied by a tank type or power sprayer, or by hose-end (Venturi-type) sprayers. For tank type or power sprayers, dilute Hinder Concentrate at a rate of 1 quart of product for 5 gallons of water (or 6 fluid oz per gallon). With hose-end sprayers, pour undiluted Hinder Concentrate into the jar attachment. The product will be diluted as it mixes with water from the hose.

Under reasonably dry conditions, Hinder Concentrate should be reapplied every 7 - 14 days for as long as plant protection is needed and the treatments appear to be effective.

Rains may wash Hinder Concentrate off treated vegetation. Treatment should be repeated after heavy rains. Do not apply Hinder Concentrate when rain is expected within the next 24 hours.

For best results, apply Hinder Concentrate before the animals start feeding on the plants to be protected. Under conditions of severe hunger, treated plants may be damaged substantially. In some cases, protection of plants from deer damage may be enhanced by providing a secondary food source such as baled hay just outside the treated area at the time of treatment. In other cases, permanent fencing or temporary enclosures may be needed.

Consult specific directions (below) for the target species and type of treatment involved in your control situation.



## DEER

Apple and pear trees: Treat outer vegetation on all lower branches up to 6 - 8 feet above the ground surface. Apply spray until all vegetation to be protected has been made wet.

Do not apply during bloom period as treatments may damage plants (phytoxicity) especially new growth. Applications made between petal fall and harvest on fruit bearing apple and pear trees may cause cosmetic injury (spotting) to the fruit.

Nursery stock and ornamental trees and shrubs: Apply as a full coverage spray. For ornamentals, also treat a 2 - 3 foot radius of the lawn around the plants to be protected. Do not water or irrigate from overhead for at least 24 hours after treatment.

Annual and perennial flowers: Apply as a full coverage spray. Treat a 2 - 3 foot wide band around isolated beds. Do not water or irrigate from overhead for at least 24 hours after treatment. Note: a preliminary trial is recommended to determine plant tolerance. Open flowers (example petunias, impatiens, begonias) may show spotting and petal fall after treatment. Foliage on some sensitive plants (e.g. impatiens, zinnia, bleeding heart, roses, and columbine) can show minor marginal burning. New foliage growth and flower buds that open after treatment usually will be unaffected (except for salvia, and possibly some other types).

Soybeans, peanuts, and carrots: Apply enough spray to lightly cover all plants.

## RABBITS

Home gardens: Apply as a thorough coverage spray to plants susceptible to rabbits.

Trunks of nursery stock and ornamental trees: Mix equal parts of Hinder Concentrate and water and apply by brush to trunks of plants to be protected. Apply to just above the height that rabbits might reach.

10

## STORAGE AND DISPOSAL

**STORAGE:** Keep this product only in its original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place, preferably in a locked storage area.

**DISPOSAL:** Pace International supports proper environmental practices and recommends that all Hinder Concentrate be used up following all label directions and precautions.

**EMPTY CONTAINER:** Triple rinse or equivalent, then offer for recycling or dispose of in trash.

**SPILL OR LEAK:** Avoid breathing vapors, soak up with paper towels and discard in trash.

**IMPORTANT NOTICE:** Recommendations for use of this product are based upon tests and/or information believed to be reliable. Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use. The use of this product is beyond the control of the seller; therefore neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends beyond refund of the purchase price. Buyer assumes all risk of improper storage and application of this product or its improper use.

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**LAST PANEL, STUCK TO BOTTLE:**

**READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO THE DIRECTIONS ON THE LABEL AND OBSERVE ALL PRECAUTIONS.**

**PRECAUTIONARY STATEMENTS**

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