

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

EPA REGISTRATION NO.  
64864-24

DATE OF ISSUANCE  
MAY 19 1995

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

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Hinder® Deer and Rabbit Repellent

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

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

5486348  $\frac{300}{18}$

5445315  $\frac{675}{22}$

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

DATE

189  
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 mucosal 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. 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.

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

Sincerely yours,

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

3

# AG LABEL

## Hinder<sup>o</sup>

### Deer & Rabbit Repellent

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 .....	86.2%
Total: .....	100.0%

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

Read precautions and directions in and on back panel.

NET:

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
**MAY 19 1995**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
64864-24

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**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.

**STATEMENT OF PRACTICAL TREATMENT/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, 1-800-424-9300**

**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. 64864-24  
EPA Est. No. 64864-WA-1

4

## DIRECTIONS FOR USE

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

## REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warning must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written or oral warnings must include the following information:

"DANGER" Area to be treated with HINDER on (date of application). Do not enter without appropriate protective clothing until sprays have dried. If accidentally exposed, consult the Statement of Practical Treatment portion of the pesticide label for first aid recommendations.

## 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.

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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 this product through any type of irrigation system. This product may be applied by aircraft only on soybeans, peanuts and carrots.

**HINDER 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 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**

**SHAKE CONTAINER WELL BEFORE MIXING OR APPLYING ITS CONTENTS.** HINDER may be applied by conventional spraying equipment ranging from small hand-held sprayers to commercial sprayers.

Under reasonably dry conditions, Hinder should be reapplied every 10 - 14 days for as long as plant protection is needed and the treatments appear to be effective.

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

For best results, apply Hinder before the animals start feeding on the plants to be protected. Hinder makes treated plant tissues less palatable to deer and rabbits and can influence them to leave the treated plants alone in favor of other forage. 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: To make spray mixture, mix 3 - 5 gallons of Hinder per 100 gallons of water. Using ground rig equipment, 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 result in phytotoxicity. Applications made between petal fall and harvest on fruit bearing apple and pear trees may cause cosmetic damage to the fruit. When treating fruit bearing trees, use equipment that provides uniform coverage and no droplet formation on the fruit. Rings may form on fruit in areas of dried droplets.

Nursery stock and ornamental trees and shrubs: For treating large plantations, mix 2 - 4 gallons of Hinder per 100 gallons of water. For smaller treatment programs, such as ornamental plants in a yard or garden, mix 1 -2 pints of Hinder per 5 gallons of water. Apply as a full coverage spray. Do not irrigate from overhead for at least 24 hours after treatment.

Annual and perennial flowers: Mix 1 - 2 pints Hinder per 5 gallons water. Apply as a full coverage spray. Do not 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: Mix 2 - 4 gallons of Hinder per 100 gallons of water. Apply at rates of 50 - 100 gallons of spray solution per acre.

## RABBITS

Home gardens: Mix 1 - 2 pints of Hinder per 5 gallons of water. Apply as a through coverage spray.

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

## **STORAGE AND DISPOSAL**

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

**STORAGE:** Keep pesticide in 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.

**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 burning. If burned, stay out of smoke.

**IMPORTANT NOTICE -** Seller warrant 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, but **neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.**

**HINDER® is a Registered Trademark of PACE INTERNATIONAL LP**



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Last page - stuck to bottle:

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

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9