

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <u> x </u> Registration <u> </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	EPA Reg. Number: 4581-379	Date of Issuance: SEP 15 1995
	Term of Issuance: Conditional	
	Name of Pesticide Product: Knox Out GH	
Name and Address of Registrant (include ZIP Code): Elf Atochem North America 2000 Market Street Philadelphia, PA 19103-3222		
<p>Note: Changes in labeling 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 EPA registration number.</p> <p>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.</p> <p>Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.</p> <p>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</p> <ol style="list-style-type: none"> 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; and submit acceptable responses required for reregistration of your product under FIFRA section 4. 2. Make the labeling changes listed below before you release the product for shipment: <ol style="list-style-type: none"> a. Add the phrase "EPA Reg. No. 4581-379". b. Add an outline box around the Restricted Use Pesticide block at the top of the front panel. c. Under the AGRICULTURAL USE REQUIREMENTS boxed block, add another boxed block with the heading NON-AGRICULTURAL USE REQUIREMENTS and the following text: 		
Signature of Approving Official		Date SEP 15 1995

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not permit children or pets to go onto treated areas or to contact treated surfaces until spray has dried.

- d. In the second paragraph of **General Information**, revise "bed areas of commercial properties" to "plant bed areas of commercial properties."
 - e. Add the following as the first sentences of the **Outdoor use precautions**, "Apply to ornamental plants only. Do not apply to lawns or to food crops."
 - f. In the **Indoor use precautions**, after "Apply to ornamental plants only.", add "Do not apply to food crops grown in greenhouses."
 - g. Per your FAX of September 13, 1995, the Agency understands that the listing of pests controlled will appear as "Aphids, Fungus Gnat Larvae, Leafminers, Mealybugs (Citrus, Stem and Root), Mites, Scale Insects, Thrips, and Whitefly (suppression)".
 - h. In the **Hazards to Humans and Domestic Animals**, delete "Do not allow children or pets to contact treated surfaces until spray has dried." (the statement in the NON-AGRICULTURAL USE REQUIREMENTS supersedes this). After "...water supply", add "Food utensils such as spoons or measuring cups must not be used for food purposes after use in measuring pesticides."
 - i. Be sure to meet type size requirements for elements of the label with minimum type size requirements.
3. Submit three (3) 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

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EPA Reg. No. 4581-379

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.

Enclosures

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KNOX OUT GH

8/29/95

Revised 8/30/95

elf atochem

ATO

RESTRICTED USE PESTICIDE
Due to Avian and Aquatic Toxicity
 For retail sale to and use only by certified applicators or persons under their direct supervision and only for those uses covered by the certified applicator's certification.

SHAKE WELL BEFORE USING

KNOX OUT® GH

Flowable Microencapsulated Insecticide
 For Nursery, Greenhouse, Interiorscape,
 and Commercial Landscape Uses

This product must not be used on golf courses or sod farms

ACTIVE INGREDIENT:

Diazinon: O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate23.0%

INERT INGREDIENTS:77.0%

TOTAL:.....100.0%

Contains 2 pounds Diazinon per gallon. U.S. Patents 3,429,827 and 3,577,515.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT
 Organophosphate

IF SWALLOWED, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF ON SKIN, remove contaminated clothing immediately and wash skin with soap and water. Get medical attention.

IF IN EYES, wash thoroughly with water for at least 15 minutes. Call a physician.

NOTE TO PHYSICIAN: The active ingredient of KNOX OUT GH is an organophosphate cholinesterase inhibitor. Atropine is antidotal only if symptoms of cholinesterase inhibition are present. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. Morphine is contraindicated.

EPA Registration No. 4581-

EPA Establishment No. _____

ACCEPTED
with COMMENTS
in EPA Letter Dated

CONTENTS: _____ FL. OZ.

Sold by:

Elf Atochem North America, Inc.
Agchem Division

SEP 15 1995

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

4581-379

BEST COPY AVAILABLE

GENERAL INFORMATION

KNOX OUT GH is a flowable microencapsulated formulation containing 2 pounds diazinon per gallon.

It is to be used for pest control in greenhouses and nurseries, interiorscapes, and on ornamentals in landscaped, mulched or bed areas of commercial properties. Do not apply to lawns.

Due to its controlled-release nature, KNOX OUT GH gives excellent residual kill of the pests listed on this label; however, effective knockdown may take up to 24 hours after application.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water. is: coveralls, waterproof gloves, and shoes plus socks.

Thoroughly wash out spray equipment before using KNOX OUT GH. Shake concentrate well before diluting. Do not apply this product through any type of irrigation system.

When diluting, first add approximately half of the water to the spray tank, then add the required quantity of KNOX OUT GH, and finally add the rest of the water. Occasionally agitate sprayer

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during use to assure even coverage. Shake or re-agitate sprayer before use if application is interrupted. Do not use this formulation with oil. IF SPRAY SCREENS ARE USED, THEY SHOULD BE 50 MESH OR LARGER.

Use in greenhouses and nurseries is covered by the requirements of the Worker Protection Standard, 40CFR part 170. See specific instructions on this label for protective clothing and other requirements under that Standard.

Outdoor use precautions - Wear a long-sleeved shirt and long-legged pants when spraying. Spray with the wind to your back. Do not spray on windy days. If clothing becomes wet from spray during use, remove clothing after spraying, wash affected body areas thoroughly with soap and water and launder clothing before wearing again.

Indoor use precautions - Apply only in well-ventilated areas. Apply to ornamental plants only. Do not apply when occupants are present in the immediate area. Cover fish tanks prior to application. Do not spray where electrical short circuits might result, such as wall outlets, conduits, switch boxes, or motor housings.

For control of Aphids, Fungus Gnat Larvae, Leafminers, Mealybugs (Citrus, Stem and root), Mites, Scale Insects, and Thrips, ^{and Whitefly (suppression):} Apply KNOX OUT GH to the ornamentals listed on this label at a rate of 0.5 to 1.0 fl. oz. per gallon of water (3-6 pints/100 gallons). One tablespoon = 0.5 fl. oz.

Treat when insects appear. Use the higher rate for heavy infestations. Repeat applications as necessary.

ORNAMENTALS

- | | | |
|-------------------|-----------------------|-----------------|
| African Violets | Flat Topped Sedum | Petunia |
| Agapanthus | Floss Flower | Photinia |
| Ageratum | Friendship Plant | Pineapple Guava |
| Aluminum Plant | Gardenia | Pittosporum |
| Alyssum | Gazinia | Podocarpus |
| | | Poinsettia |
| Arrowhead | Geranium | Primrose |
| Azalea | Golddust | Privet |
| Begonia | Honeysuckle | Pyracantha |
| Bird's Nest Fern | Hydrangea | Raphiolepis |
| Boston Fern | Ilex | Rhododendron |
| Bottlebrush | Impatiens | Rose |
| Cactus | Ivy | Salvia |
| Calendula | Jade Plant (Crassula) | Sansevieria |
| Camelia | Japanese Aralia | Scarlet Sage |
| Celosia Jewel Box | Juniper | Snake Plant |
| Chrysanthemum | Leucothoe | Snapdragon |
| Cockscomb | Lilac | Spider Plant |
| Coleus | Malus | Star Jasmine |
| Cotoneaster | Maranta | Strawflower |

Crape Myrtle
Croton
Daisy
Dianthus
Dogwood
Escalonia
Euonymus

Marigold
Nandina
Oleander
Orchid
Osmanthus
Pachysandra
Periwinkle

Tahitian Bridal Veil
Velvet Plant (Gynura)
Verbena
Virvia
Wandering Jew
Wax Plant
Zinnia

Do not use on Bella Palm, Dracaena, Hoya, Maidenhair Fern, Neath, and Prayer Plant.

KNOX OUT GH has demonstrated excellent plant safety; however, all varieties of the plants listed above have not been tested. When treating large numbers of plants of a single variety, spray a few plants and observe for phytotoxicity prior to full scale application.

KNOX OUT GH will not control some organophosphate resistant ornamental plant pests.

KNOX OUT GH

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing spray mist. Use only in well ventilated areas. Wash thoroughly with soap and water after handling and before eating or smoking. Keep out of reach of children. Do not apply to humans or pets. Do not allow children or pets to contact treated surfaces until spray has dried. Cover fish tanks prior to application. Do not contaminate food, feedstuffs, or water supply.

Do not spray where electrical short circuits might result, such as wall outlets, conduits, switch boxes, or motor housings.

Personal Protective Equipment

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes, plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Do not exceed maximum permitted label rates. Rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or when disposing of equipment washwaters. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this pesticide or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

STORAGE AND DISPOSAL

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

STORAGE: Store in original container only, preferably in a locked storage area. Do not store in a manner where cross contamination with other pesticides, fertilizer, food or feed could occur. If spilled during storage or handling, soak up spillage with absorbent material and dispose of in accordance with Pesticide Disposal instructions listed below.

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 container, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY AND DISCLAIMER

Elf Atochem North America warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. ELF ATOCHEM MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL ELF ATOCHEM OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS; LABOR COST; OR OTHER EXPENSES INCURRED IN PLANTING OR HARVESTING.

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