

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NUMBER <b>32802-32</b>	DATE OF ISSUANCE <b>FEB 18 1987</b>
	TERM OF ISSUANCE <b>Until Reregistration</b>	
	NAME OF PESTICIDE PRODUCT <b>Systemic Rose and Flower Care          With 8-12-4 Fertilizer</b>	

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

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Howard Johnson's Enterprises, Inc.  
 Railroad Avenue  
 P.O. Box 828  
 Viroqua, WI 54665

*160 / 169803*  
*16*

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 section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 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 to phrase "EPA Registration No. 32802-32."
- b. We suggest adding the word "granular" to the wording immediately following the product name, i.e., "A Granular Systemic . . ."
- c. We assume you have data to support your 4-week protection statement. Otherwise it must be deleted.
- d. "Kills Insects" is too broad. We suggest "Kills Listed Insects" or "Kills Insects As Listed Below."
- e. Please add to the active ingredient section the commonly accepted name "Disulfoton." It should immediately precede the chemical name.

ATTACHMENT IS APPLICABLE

**BEST AVAILABLE COPY**

SIGNATURE OF APPROVING OFFICIAL

DATE

*[Signature]* *2/11/87*

- f. The fertilizer analysis on page 3 should be relocated and appear immediately following the ingredients section on the front label.
- g. Change the word "WARNING" found in the Precautionary Statements section to "CAUTION." In addition, please revise the sentence to read, "May be fatal if . . ." and add the sentences, "Remove contaminated clothing and wash before reuse. Wash hands with soap and water after handling and before drinking, eating, or using tobacco products."
- h. Following the storage instructions in the Storage and Disposal section revise the wording to read:

Pesticide Disposal - Securely wrap original container in several layers of newspaper and discard in trash.

Container Disposal - Do not reuse bag. Discard bag in trash.

- i. We noted that the File Symbol printed on your correspondence was incorrect. It should have been 32802-GE not 32802-GR. The new registration reflects the correct File Symbol.
- j. Under "Hazards to Humans and Domestic Animals" paragraph add the following statements:

Wear rubber gloves when handling. Do not breathe dust. Keep children and pets away from treated area until product is worked and watered into soil and treated area is completely dry. Do not use around fruit trees or vegetable plants. Do not broadcast applications to lawns.

- k. Does this product come with a "measuring" device inside? Add the following statement to the precautionary text:

Food utensils such as a teaspoon or measuring cup should not be used for food purposes after use with insecticide.

- l. The rotational crop statement is not appropriate for a nonfood/feed product and should be deleted.
- m. The bee precautionary paragraph is not appropriate for a soil-incorporated product and may be deleted.
- n. The statement "To be used as a soil treatment only" should be moved to the front panel, placed in caps, and follow the sentence ending ". . . lacebugs and other insects as listed."

Although we do not object to the additional precautionary measure regarding use of an indoor pot container which makes pot drainage water inaccessible to children and pets, we are not familiar with such a container nor its level of inaccessibility. Please provide additional information in this regard.

3. The Storage Stability Study that you reference is only a 5-month accelerated study. A 1-year storage and stability study is required fourteen (14) months from the date of product registration. Should a study not be submitted within the required time, your product will be subject to cancellation.

4. 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 section 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.

George T. LaRocca  
Product Manager (15)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosures



**S Y S T E M I C**  
**R O S E & F L O W E R C A R E**  
**WITH**  
**8-12-4 FERTILIZER**

A SYSTEMIC INSECTICIDE PLUS A COMPLETE PLANT FOOD FOR ROSES  
AZALEAS, BULBS, BEDDING PLANTS, AND OTHER FLOWERS, SHRUBS AND POTTED PLANTS

FOUR WEEK ALL WEATHER PROTECTION  
K I L L S I N S E C T S - F E E D S P L A N T S  
\*\*\*\*\*

FOR THE CONTROL OF APHIDS, SPIDER MITES, LEAFHOPPERS, LEAFMINERS  
THRIPS, MIMOSA EBWORMS, WHITEFLIES, LACEBUGS AND OTHER INSECTS AS LISTED.

ACTIVE INGREDIENT:  
\*O,O,-Diethyl S-[2-(ethylthio)-ethyl] phosphorodithioate. . . . . 0.5%  
INERT INGREDIENTS: . . . . . 95.0%  
Total 100.0%  
\*DISULFOTON Systemic Insecticide

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.  
IF IN EYES: Flush eyes with plenty of water. Get medical attention.  
IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Wash clothing before reuse. Get medical attention if irritation persists.  
IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention immediately.  
NOTE TO PHYSICIAN: This product is a cholinesterase inhibitor. Atropine sulfate is antidotal only if signs of cholinesterase inhibition are present. 2-PAM is also antidotal and may be administered in conjunction with atropine.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS  
EPA REG. NO. 32802-GR EPA EST. NO. 32302-MO-1  
WI-1

NET WEIGHT — 2 — POUNDS (0.9 Kg)  
5 — POUNDS (2.268 Kg)

HOWARD JOHNSON'S ENTERPRISES, INC.  
VIROQUA, WI 54665

32802-32

SYSTEMIC ROSE & FLOWER CARE WITH 8-12-4 PLANT FOOD

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING:** Poisoning may occur as a result of exposure. May be fatal if swallowed. May be absorbed through the skin. Do not breathe dust. Do not get in eyes, on skin or on clothing.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and wildlife. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Cover or incorporate spills.

This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not plant any food or feed crop in rotation after a field treatment with disulfoton unless it is a registered use for disulfoton found on this label.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original container in a cool, dry, locked place out of reach of children. **DISPOSAL:** Do not re-use empty container. Wrap and put in trash.

**READ WARNINGS AND DIRECTIONS FOR USE**

This product is a scientifically prepared plant food especially formulated for Rose and Shrub feeding with a highly effective systemic insecticide. When used as directed kills insects as listed on Roses, and other flowering plants as listed. To be used as a soil treatment only.

**ORNAMENTAL SHRUBS AND FLOWERS**

This product may be used on the following plants, Azaleas, Abelia, Birch, Camellias, Crataegus (Non-edible varieties), Flowering Quince, Gardenia, Geranium, Gladiolus, Honeysuckle, Hydrangea, Ilex, Iris, Lantana, Lilac, Lily, Magnolia, Peony Roses, Spirea, Viburnums, Wigelia, and other common flowering shrubs such as Rhododendron and Green Plants such as Aralia, Ficus, Dracena, Philodendron and Shefflera.

**INSECTS CONTROLLED**

Will control Aphids, Birch Leaf Miners, Camellia Scale, Elm Leaf Beetle, European Elm Scale, Holly Leaf Miner, Lace Bugs, Leafhoppers, Minosa Webworm, Spider Mites, Pine Tip Moth, Soft Scale, Thrips and Whiteflies.

**HOW OFTEN TO USE**

Since this product will control insects from 4 to 6 weeks and gives the plant a balanced feeding it should be applied to ornamental plants every 5 to 6 weeks thus giving the plant a continuous supply of insecticide and plant food.

**FOR NEWLY SET PLANTS:** Apply at planting time and at 5 to 6 week intervals

**FOR ESTABLISHED PLANTS:** Apply when plants have about 1 inch of new growth and then at 5 to 6 week intervals through the summer.

**FOR NEW PLANTS**

When planting new Roses, or shrubs place about 2 1/2 level tablespoonfuls in the transplant hole as you refill. Mix an additional 2 1/2 tablespoonfuls in the top 2 inches of soil. Water thoroughly . Do not apply additional fertilizer for about 4 to 6 weeks.

**FOR FLOWERS, BULBS AND BEDDING PLANTS**

Apply 2 pounds of this product for each 100 Sq. Ft. of flower and bed area. Work into the top 1 to 2 inches of soil. place "sets" or seed in position and water the area thoroughly. Do not apply additional fertilizer for about 6 weeks. For bulbs, treat the soil surface in the bed at the planting depth and thoroughly mix. Set bulbs at the proper depth, cover with soil then water.

**FOR ESTABLISHED ROSES**

Mix 1/2 cup into the soil around the base of each plant in a circle 2 inches from the base of the plant stem out 8 to 20 inches from the stem. Work into the top 1 to 2 inches of soil. Thoroughly water. Do not over-dose since new tender growth may be injured.

**ORNAMENTAL SHRUBS**

For Evergreen and Deciduous shrubs apply 1/2 cup for each foot of shrub height. Spread the required amount evenly over the soil from 2 to 3 inches from the base of the plant out to the drip line on all sides of the plants. Mix into the top 1 to 2 inches of soil and water in.

**POTTED PLANTS OUTDOORS OR \*INDOORS**

For treatment of Potted Plants place granules on the surface of the soil and work into the soil. If there are many surface roots punch holes into the soil around the outer rim of soil next to the container wall with a pencil 2 to 4 inches deep to keep from injuring the roots. Evenly distribute the proper amount into these holes. After placing this product into the holes, fill each hole with soil. Smooth the soil surface and water as per the plant needs. Do not add additional fertilizer for at least 4 to 6 weeks.

\*INDOOR PLANTS MUST HAVE A SAUCER TRAY RECEPTACLE BENEATH THE POT CONTAINER WHICH MAKES POT DRAINAGE WATER INACCESSIBLE TO CHILDREN AND PETS.

HOW MUCH TO USE

- For a 6 inch diameter pot use - 1 level teaspoonful
- For a 10 inch " " " - 1 level tablespoonful
- For a 12 to 14 inch " " " - 1 1/2 to 2 level tablespoonfuls\*

**GUARANTEED FERTILIZER ANALYSIS**

Total Nitrogen (N) .....	8%
Ammoniacal Nitrogen 5.5%	
Urea Nitrogen 2.5%	
Available Phosphoric Acid (P2O5).....	12%
Soluble Potash (K2O).....	4%

Derived from Urea, Ammoniated Phosphate, and Sulfate of Potash.  
Iron FE 1.0% Magnesium Mg 2.0% Calcium 1.5% all from Microlite Mineral Mix  
Potential Acidity 492 lbs. Calcium Carbonate per ton.

NOTICE: Buyer and user assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.