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9688-94
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Until Reregistration

MAR - 8 1994

Chemsico System Rose &
Flower Care

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Chemsico
Division of United Industries Corp.
P.O. Box 15842
St. Louis, MO 63114

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 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 the phrase "EPA Registration No. 9688-94"

b. Under Environmental Hazards :

Revise the second sentence to read as follows:

.....Do not apply directly to water, or to areas where surface water is present or to inter tidal areas below the mean high water mark. Do not contaminate water by disposing of equipment washwater. Cover or incorporate spills.

CONCURRENCES

SYMBOL								
SURNAME	MOATS							
DATE	3/7/94							

3. 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 (13)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosures

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	8%
5.6% Ammoniacal Nitrogen	
1.1% Urea Nitrogen	
1.3% Water Insoluble Nitrogen	
Available Phosphoric Acid (P ₂ O ₅)	12%
Soluble Potash (K ₂ O)	4%
Calcium (Ca)	8.0%
Magnesium (Mg) Total	3.0%
0.5% Water Soluble Magnesium	
Sulfur (S) as Combined	4.0%
Boron (B)	0.02%
Iron (Fe)	0.4%
Manganese (Mn) Total	0.05%
0.0% Water Soluble Manganese	
Molybdenum (Mo)	0.0008%
Zinc (Zn)	0.05%

Primary Nutrients from Urea, Ureaforn, Ammonium Sulfate, Ammoniated Superphosphate, Ammonium Phosphate and Muriate of Potash. Secondary and Trace Nutrients from Superphosphate, Magnesium Oxide, Ammonium Sulfate, Iron Sulfate, Sodium Borate, Manganese Oxide, Sodium Molybdate, Zinc Oxide, Magnesium Sulfate and Manganese Oxy-Sulfate.

Potential Acidity 600 lbs. Calcium Carbonate Equivalent per ton.
Chlorine (Cl) max 3.1%

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL WARNINGS AND DIRECTIONS.**

This product is a scientifically prepared granular plant food especially formulated for rose feeding combined with a highly effective systemic insecticide. When used as directed, kills insects listed below on roses and other shrubs and flowers. It gives 4-6 weeks all weather protection. In addition to control of insects for 4-6 weeks, this product provides your roses with adequate amounts of plant food for vigorous growth.

USE TO CONTROL: Aphids, Lace Bugs, Leaf Hoppers, Spider Mites, Thrips, Whiteflies on Ageratum, Calendula, Carnation, Chrysanthemum, Delphinium, Petunia and other flowers. Also controls Lace Bug, Birch Leaf Miner, Holly Leaf Miner, Leafhoppers, Mimosa Webworm, Spider Mites, Pine Tip Moths, Soft Scale, Whiteflies on Azalea, Birch, Holly Euonymus, Pine, Rhododendron, Roses, Yew and other trees and shrubs.

WHEN TO USE: Apply when plants have about 1 inch of new growth in the spring and at 6 week intervals through the summer. This product will provide the proper amount of plant nutrients to maintain strong, vigorous plants. Each application will give at least 4-6 weeks control of the pests listed above.

PREPLANT TREATMENT TO FLOWERS, SHRUBS AND TREES:

Apply evenly to bed and incorporate into top 1-3 inches of soil. Apply 2 pounds per each 100 sq. ft. (5 x 20 ft.) of bed area. Plant in usual manner. Water thoroughly. Do not apply additional fertilizer for about 6 weeks.

ON ESTABLISHED ROSES AND PLANTS: Spread 1/2 cup (4 oz./lb) level Tbsp. evenly around the base of each plant and incorporate into topsoil. Water to accelerate entry into the plants.

WHEN PLANTING NEW BUSHES: Place 2 1/2 level Tbsp. (1-1 1/4 oz.) in the transplant hole with the soil as you fill. Mix an additional 2 1/2 level Tbsp. (1-1 1/4 oz.) in the top 1-2 inches of soil. Water thoroughly. Do not apply additional fertilizer for about 6 weeks.

Chemsico SYSTEMIC ROSE & FLOWER CARE

**Plant Food and
Insect Control in One**

All weather protection up to 6 weeks

Active Ingredient:

Disulfoton: O,O-dimethyl S-(2-(ethylthio)ethyl) phosphorodithioate	1%
Inert Ingredients	99%

KEEP OUT OF REACH OF CHILDREN

WARNING: See back panel for additional precautionary statements.

Net Weight: 2 lb.

MAR - 8 1991



by Chemsico, Div. of United Ind. St. Louis, MO 63114-0842 EPA Reg. No. 9888- EPA Est. No. 9888-MO-1 Form A1/Reg.

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under F.F.A. Reg. No. 9888-9A

ON ORNAMENTAL SHRUBS: Apply 1/2 cup (2 cups/16 oz.) for a 4-foot high shrub. Dig from the base to the drip line on all sides of the soil. Water thoroughly. Repeat at 22-48 day intervals.

ON POTTED PLANTS: Apply 2 level Tbsp. (1-1 1/4 oz.) per pot, punching a number of small holes into the pot and the holes and thoroughly water the plants. If SAUCER TRAY RECEPTACLE BENEATH THE POT DRAINAGE WATER INACCESSIBLE TO PLANTS.

IN CASE OF SPILLAGE, USE A TROWEL OR BRUSH TO REMOVE INTO PROPER PLACE IN PLANTINGS.

USE THIS PRODUCT ONLY IN ACCORDANCE WITH LABEL DIRECTIONS. DO NOT APPLY AN OVERDOSE AS PLANT INJURY MAY OCCUR. RECLOSE TIGHTLY AFTER EACH USE.

STORAGE AND DISPOSAL

STORAGE: Store unused material in original, unopened container in a locked storage area out of reach of children and pets. Do not store in food or feed by storage or disposal. **PESTICIDE CONTAINERS:** Do not reuse container. Discard in accordance with local, state and federal regulations.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. May be irritating if inhaled. Do not breathe dust. Do not get on skin, eyes or clothing. Avoid contact with water. Do not apply this product. Keep pets and children off treated areas until the product has worked into the soil. Do not make broadcast applications. Do not use measuring cup or spoon to measure this or any insecticide.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Do not induce vomiting or give anything by mouth. **IF INHALED:** Remove to fresh air. **IF ON SKIN:** Remove clothing. Wash affected areas with soap and water. **IF IN EYE:** Flush with water. Call a physician if irritation persists. **NOTE:** This is an organophosphate insecticide. If symptoms of dizziness, headache, nausea, or vomiting occur, stop work and get medical attention. Atropine sulfate by injection is antidotal. 2-Picloron is administered, but only in conjunction with atropine.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Do not apply to water bodies. From treated areas may be hazardous to fish and wildlife. Do not contaminate water by cleaning of equipment or disposal of excess material.

This pesticide is toxic to bees exposed to direct contact with treated areas during periods of minimum bee activity and early morning.

NOTICE: Buyer assumes all responsibility for safe use of this product.

See back panel for additional precautionary statements.

QUESTIONS OR COMMENTS? Call toll free 800-333-3333.

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