

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Ms. Kathie J. Tryson
Chemsico
8825 Page Boulevard
St. Louis, MO 63114

Dear Ms. Tryson:

Subject: Amendment - Label
Chemsico Systemic Rose & Flower Care
EPA Registration No. 9688-94
Your Submission dated June 7, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable subject to the comments listed below:

1. Under Storage and Disposal retain the statement:
.....Securely wrap in several layers of newspaper and discard in trash.
2. Delete the optional claim "control insects without spraying".
3. Delete the optional claims:
 - a. "and root developer"
 - b. "3 in 1 action"
 - c. Promotes bigger blooms
 - d. Promotes early root development
 - e. Promotes early root growth

Claims implying that benefits will derive solely from the use of the product when other factors contribute in equal or greater measure (i.e care, water, soil) are unacceptable.

A stamped copy is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (7505C)

		CONCURRENCES					
SYMBOL	Enclosure						
SURNAME	<i>ATW</i>						
DATE	AUG 1 1995						

Chemsico® Systemic Rose & Flower Care

EPA Reg. No. 9688-94

Chemsico SYSTEMIC ROSE & FLOWER CARE

Use Indoors and Outdoors

8-12-4 Granules

Plant Food and Insect Control in One
All weather protection up to 6 weeks

- Insect Control & Fertilizer in one! • 2 in 1 Action - Fertilizes While Controlling Insects • Provides 4 to 6 weeks of control • Provides up to 6 weeks of control
- Gives 4 to 6 weeks all weather protection • Not affected by rain • For use on roses, shrubs, flower beds and trees • For beautiful roses, flowers & shrubs • Easy grip handle • Cap acts as measuring cup • Measuring cup cap • Official Sponsor of the American Rose Society

Active Ingredient:

Disulfoton, O,O-dimethyl S-[2-(ethylthio)ethyl]

phosphorodithioate 1%

Inert Ingredients 99%

KEEP OUT OF REACH OF CHILDREN

WARNING: See back for additional
precautionary statements

Net Weight: 2 lb.

OPTIONAL CLAIMS: Plant food, Insect Control and Root Developer in one • 3 in 1 Action - Plant Food, Insect Control and Root Developer • 6 Week Action • Feeds and protects for 6 weeks • Can't be washed away • Can't be washed away by rain • Easy grip handle • Promotes bigger blooms • Controls insects without spraying • Ideal for azaleas and rhododendrons • Contains micro-nutrients for better growth • Promotes early root development • Promotes early root growth

Chemsico's 3 in 1 action protects plants from damaging insects, provides the nourishment plants need for vigorous growth, and helps them develop stronger roots. And because Chemsico is absorbed into the plant's root system, it cannot be washed away by rain or sprinklers. Use Chemsico when giving plants their first seasonal care or when transplanting, and during the active growing season for beautiful roses, flowers and shrubs! Ideal for use on all decorative outdoor plants • (icon) Roses • (icon) Ornamental Shrubs • (icon) Flower Beds • (icon) Trees

When used as directed, Chemsico Systemic Rose & Flower controls the following insects on roses, flowers, shrubs and trees:

aphids	spider mites	birch leafminers	pine tip moths
lace bugs	thrips	holly leafminers	soft scales
leafhoppers	whiteflies	mimosa webworms	

**STOP. READ ENTIRE LABEL BEFORE USE
DIRECTIONS FOR USE**

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

HOW TO APPLY

NOTE: Cap holds 1/3 cup (2 oz.) of granules.

On Established Roses and Other Plants: Spread 1/3 cup (2 oz.) evenly around the base of each plant and work into the soil. Water thoroughly.

On Established Ornamental Shrubs: Use 2/3 cup (4 oz.) for each foot of shrub height (example: 2 cups for a 3' high shrub). Spread granules evenly around the plant from the base to the drip line on all sides. Work into the top 2 inches of soil. Water thoroughly.

Before Planting Roses, Shrubs, and Trees: Mix 2 Tbsp. (1 oz.) into soil removed from the planting hole. Then use soil mixture to fill in hole around plant. Mix an additional 2 Tbsp. (1 oz.) into the top 2 inches of soil around the plant. Water thoroughly. Do not apply additional fertilizer for 6 weeks.

Before Planting Flower Beds: Use 2 pounds per each 100 sq. ft. (5 x 20 ft.) of planting bed area. Spread granules evenly over the plant bed and work into the top 2 inches of soil. Plant flowers and water thoroughly. Do not apply additional fertilizer for 6 weeks.

On Potted Plants: Apply 1 lb. granules by puncturing a number of small holes into the soil and dropping the granules into the holes and thoroughly watering. Each pot must have a tray beneath each pot to keep soil from dripping to children and pets.

USE TIPS

- 1) To obtain maximum nourishment and insect control, apply every 6 week intervals. The enclosed Reminder Card will help you remember when it's time to reapply. Post the card on your calendar at 6 week intervals and protect your plants all season long.
- 2) On established plants, apply first treatment when plants have about 1 inch of new growth.
- 3) Do not use around fruit trees or vegetable gardens.
- 4) Do not use with other fertilizers because of the risk of burning.
- 5) Do not use 6 weeks prior to expected bloom.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	.....
5.6% Ammoniacal Nitrogen	
1.1% Urea Nitrogen	
1.3% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	.....
Soluble Potash (K ₂ O)	.....
Calcium (Ca)	.....
Magnesium (Mg) Total	.....
0.5% Soluble Magnesium (Mg)	
Sulfur (S)	.....
0% Free Sulfur (S)	
4% Combined Sulfur (S)	
Boron (B)	.....
Iron (Fe)	.....
Manganese (Mn) Total	.....
0.01% Soluble Manganese (Mn)	
Molybdenum (Mo)	.....
Zinc (Zn)	.....
Primary Nutrients from Urea, Ureates, Ammoniated Superphosphate, Ammonium Phosphate, Ammonium Potash, Secondary and Trace Nutrients from Magnesium Oxide, Ammonium Sulfate, Iron Oxide, Manganese Oxide, Sodium Molybdate, Zinc Oxide, and Manganese Sulfate, Chlorine (Cl) maximum 100 lbs. Calcium Carbonate	
Potential Acidity 600 lbs. Calcium Carbonate	

Chemsico® Systemic Rose & Flower Care

EPA Reg. No. 9688-94

STORAGE AND DISPOSAL

RECLOSE CAP TIGHTLY AFTER EACH USE. Store in original, closed container in cool, dry area out of reach of children. Do not reuse container. Discard container in trash.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: May be fatal if swallowed. May be absorbed through the skin. Do not breathe dust. Do not get on skin, eyes or clothing. Wear rubber gloves when applying this product. Keep people and pets off treated area until material has been worked into the soil and watered in. Do not make broadcast applications to lawns. Food utensils, such as teaspoon or measuring cups should not be used for food purposes after using to measure this or any insecticide.

Statement of Practical Treatment

If Swallowed: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to a unconscious or convulsing person. **If Inhaled:** Remove victim to fresh air. Apply artificial respiration if indicated. **If on Skin:** Remove contaminated clothing and wash affected areas with soap and water. **If In Eyes:** Flush eyes with plenty of water. Call a physician if irritation persists. **NOTE TO PHYSICIAN:** Disulfoton is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

Environmental Hazards

This product is toxic to fish and wildlife. Do not apply directly to water. Run-off from treated areas may be hazardous to fish in neighboring bodies of water. 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.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

Questions or comments? Call 800-332-5553

Made in the
USA

by Chemsico, Division of United Industries Corporation,
P.O. Box 15842, St. Louis, MO 33114-0842

EPA Reg. No. 9688-94
EPA Est. No. 9688-MO-1
Form A4/M&R © 1995

ACCEPTED
with COMMENTS
in EPA Letter Dated



AUG 1 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
9688-94