

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-demethyl 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.

ACCEPTED
SEP 13 1995
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 9688-94

OPTIONAL CLAIMS: Plant food, Insect Control and Root Developer in one
• 3 in 1 Formula - 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 • Fertilizer promotes bigger blooms
• Ideal for azaleas and rhododendrons • Contains micro-nutrients for better
growth • Fertilizer promotes early root development • Fertilizer 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) Trees
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
lb. per 100 sq. ft.) 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 level tsp. per 6 inch pot by punching a
number of small holes into the pot soil with a pencil. Pour granules into the
holes and thoroughly water the plants. Indoor plants must have a tray
beneath each pot to keep drainage water inaccessible to children and pets.

USE TIPS

- 1) To obtain maximum nourishment and insect control, apply product at
6 week intervals. The enclosed Reminder Stickers will help you
remember when it's time to reapply Chemsico. Simply place the
stickers on your calendar at 6 week intervals as a reminder to feed and
protect your plants all season long.
- 2) On established plants, apply first treatment in the Spring when plants
have about 1 inch of new growth.
- 3) Do not use around fruit trees or vegetable plants.
- 4) Do not use with other fertilizers because damage to plant may result
- 5) Do not use 6 weeks prior to expected frost.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	8%
5.6% Ammoniacal Nitrogen	
1.1% Urea Nitrogen	
1.3% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	12%
Soluble Potash (K ₂ O)	4%
Calcium (Ca)	8.0%
Magnesium (Mg) Total	3.0%
0.5% Soluble Magnesium (Mg)	
Sulfur (S)	4.0%
0% Free Sulfur (S)	
4% Combined Sulfur (S)	
Boron (B)	0.02%
Iron (Fe)	0.4%
Manganese (Mn) Total	0.05%
0.01% Soluble Manganese (Mn)	
Molybdenum (Mo)	0.0008%
Zinc (Zn)	0.05%
Primary Nutrients from Urea, Ureaform, 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 Sulfate. Chlorine (Cl) max 3.1% Potential Acidity 600 lbs. Calcium Carbonate Equivalent per ton	

BEST COPY AVAILABLE

2 3 2

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. Securely wrap in several layers of newspaper and 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.

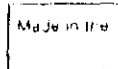
Environmental Hazards

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 800 312-5559



by Chemsico Division of United Industries Corporation,
P.O. Box 15842, St. Louis, MO 63114-0842

EPA Reg. No. 9688-94

EPA Est. No. 9688-MO-1

Form A4428R © 1995

BEST COPY AVAILABLE