

JUN 24 1993

300 / 54350 / 3
17 //

Mr. William Chase
Chevron Chemical Company
Ortho Consumer Products Division
940 Hensley St.
Richmond, CA 94804-0036

Dear Mr. Chase,

Subject: Amendment - Revised Labeling
ORTHO Systemic Rose & Flower Care 8-12-4
EPA Registration Number 239-2134
Your Submission Dated January 14, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided that you make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

1. The request to add the statements "Do not use on container grown plants. Do not use with other fertilizers." is acceptable.

2. The individual statements under Statement of Practical Treatment and the Note to Physician should be aligned to the same margin as follows:

If Swallowed: Call a physician or Poison Control Center immediately. Drink one or two glasses ...

If In Eyes: Flush with ...etc

[...]

Note to Physician:

Disulfoton is an organophosphate insecticide...etc

Submit five copies of your final printed labeling before you release the product for shipment. A stamped copy of the labeling is enclosed for your records.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

CONCURRENCES							
SYMBOL	Enclosure						
SURNAME	me						
DATE	4/28/93						

243

Reg # 239-2134

PM-13

ORTHO Systemic Rose & Flower Care
EPA Reg. No. 239-2134

COPY A

Do not use on container grown plants. Do not use with other fertilizers.



ORTHO

Systemic Rose & Flower Care

8-12-4

**Plant Food
With Systemic Insecticide
Six Week Systemic Action**



**Systemic Insecticide is Absorbed Into
the Plant Through the Root System and Then Moves
Internally Through the Sap Stream**

Two-Way Action

1. Feeds Plants
2. Provides 6 Week All Weather Protection
Against Listed Insects

GUARANTEED FERTILIZER ANALYSIS

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

Primary Nutrients from Urea, Urea Formaldehyde, 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 and Zinc Oxide

Chlorine, not more than 31%
Potential Acidity 500 lbs. Calcium Carbonate Equivalent per ton
84-1030

INGREDIENT STATEMENT AS AN INSECTICIDE

Active Ingredient
*Disulfoton [O,O Diethyl S (2 (ethylthio) ethyl) phosphorodithioate]

Inert Ingredients
*Equivalent 20 lbs. DI-SYSTON Insecticide per ton. DI-SYSTON® is a Reg. TM of Bay
Levickson

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: May be fatal if swallowed. May be absorbed through the skin. Do
not use on skin or on clothing. Wear rubber gloves when handling. Remove contaminated clothing or
after handling or before smoking or eating. Keep children and pets away from treated area
into the soil and treated area is completely dry. Food utensils such as a teaspoon or meat
food purposes after use with this material.

STATEMENT OF PRACTICAL TREATMENT: If Swallowed: Call a physician or Poison Center.
Two glasses of water and induce vomiting by touching the back of throat with a finger. Re-
induce vomiting or give anything by mouth to an unconscious or convulsing person. If On
and wash affected areas with soap and water. If Inhaled: Remove victim to fresh air. As-
If In Eyes: Flush with plenty of water. Call a physician immediately. Note to Physicians: Em-
2022. Disulfoton is an organophosphate insecticide. If symptoms of cholinesterase inhibi-
tor action are observed, 2 PAM is also antidotal and may be administered, but only in con-
ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and wildlife. Do not apply dis-
treated areas may be hazardous to fish in neighboring areas. Do not contaminate wa-
terways. Cover or incorporate spills.

This pesticide is toxic to bees exposed to direct application. Application should be timed
to avoid activity during late evening and early morning.

& Flower Care 8-12-4

Plant Food With Systemic Insecticide Six Week Systemic Action



INGREDIENT STATEMENT AS AN INSECTICIDE

Active Ingredient	By Wt.
*Disulfoton (0,0-Diethyl S-(2-[ethylthio] ethyl) phosphorodithioate)	1%
Inert Ingredients	99%
*DI-SYSTON® Insecticide	

Keep out of reach of children

WARNING

See back panel for additional precautionary statements.

NET WT. 2 LBS.

BEST AVAILABLE COPY

U.S. Water Soluble Mg	4.8%
Sulfur (S) as Combined	0.82%
Boron (B)	0.4%
Iron (Fe)	0.05%
Manganese (Mn)	0.0008%
Molybdenum (Mo)	0.05%
Zinc (Zn)	
Primary Nutrients from Urea, Urea Formaldehyde, 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 and Zinc Oxide	
Chlorine, not more than	3.1%
Potential Acidity 680 lbs. Calcium Carbonate Equivalent per ton 84-1030	

INGREDIENT STATEMENT AS AN INSECTICIDE

Active Ingredient	By Wt.
*Disulfoton (0,0-Diethyl S-(2-[ethylthio] ethyl) phosphorodithioate)	1%
Inert Ingredients	99%
*Equivalent 20 lbs. DI-SYSTON Insecticide per ton. DI-SYSTON® is a Reg. TM of Bayer AG, Leverkusen	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: 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. Wear rubber gloves when handling. Remove contaminated clothing and wash before use. Wash thoroughly after handling or before smoking or eating. Keep children and pets away from treated area until product is worked and watered into the soil and treated area is completely dry. Food utensils such as a teaspoon or measuring cup should not be used for food purposes after use with this material.

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 the back of throat with a finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. If On Skin: Remove contaminated clothing and wash affected areas with soap and water. If Inhaled: Remove victim to fresh air. Apply artificial respiration if indicated. If In Eyes: Flush with plenty of water. Call a physician immediately. **Note to Physicians:** Emergency information—call 1-800-457-2022. 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 pesticide is toxic to fish and wildlife. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water when disposing of equipment washwaters. Cover or incorporate spills.

This pesticide is toxic to bees exposed to direct application. Application 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.

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

ORTHO Systemic Rose & Flower Care 8-12-4 is an effective systemic insecticide combined with a fertilizer containing the three essential plant food elements, Nitrogen, Phosphate and Potash. This combination provides the proper amount of plant food and systemic insecticide necessary to maintain strong, vigorous plants which are free from the damage normally caused by sucking insects (aphids, leafhoppers, spider mites) and certain chewing insects.

Systemic means that the insecticide is actually absorbed into the plant through the root system and then moves internally through the sap stream into the branches, leaves, blossoms and new growth.

ORTHO Systemic Rose & Flower Care 8-12-4 protects against insects for six weeks. It cannot be washed off by rain or sprinkling, since the protection is internal. This unique action protects all surface areas, including undersides of leaves and blossoms. Even new growth is fully protected from insect damage.

ORTHO Systemic Rose & Flower Care 8-12-4, when used as directed, kills the following insects on roses and other flowers and shrubs: Aphids (Plant Lice), Spider Mites, Birch Leafminer, Holly Leafminer, Leafhoppers, Whiteflies, Pine Tip Moth, Lace Bug, Mimosa Webworm.

Do not use around fruit trees or vegetable plants. Do not broadcast applications to lawn.

WHEN TO USE

ORTHO Systemic Rose & Flower Care 8-12-4 should be applied when plants have about one inch of new growth in the spring and at six week intervals through the summer. In addition to control of insects for six weeks, your plants will be provided with the proper amount of plant food necessary to maintain strong, vigorous growth.

HOW TO USE

ON ESTABLISHED ROSES: For established plants, spread 1/4 cup (2 oz.) evenly around the base of each plant and work into 1 to 2 inches of soil. Water thoroughly. Avoid contact with hands.

WHEN PLANTING NEW BUSHES: After planting, mix 1/4 cup in the top 2" of soil. Water thoroughly. Do not apply additional fertilizer for about six weeks.

ON FLOWERS, BULBS, BEDDING PLANTS: Apply 2 lbs. per each 100 sq. ft. (5' x 20') of bed area. Work into top 1 to 2 inches of soil. Plant seed or set plants and water thoroughly. Do not apply additional fertilizer for about 6 weeks.

ON ORNAMENTAL SHRUBS: Apply 1/2 cupful (4 oz.) for each foot of shrub height (2 cupfuls for a 3 foot high shrub). Distribute the required amount evenly from the base to the drip line of all sides of the plant. Work into the top 1 to 2 inches of soil and water thoroughly.

4 ROUNDED TABLESPOONS EQUAL 1/4 cup

PESTICIDE-FERTILIZER MIXTURE containing 1% DI-SYSTON Insecticide.

STORAGE AND DISPOSAL

STORAGE: Keep pesticide in original container. Do not put into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.

DISPOSAL: PRODUCT—Partially filled container may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash. CONTAINER—Do not reuse empty container. Discard container in trash.

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

Manufactured for
Chevron Chemical Company © 1992
Ortho Consumer Products Division
P.O. Box 5047
San Ramon, CA 94583-0047
Form 9466-S Product 3900
EPA Reg. No. 234-2134-2A EPA Est. 34704 NB 3

